SENATE

NOTICE OF MEETING

December 9, 2022

Please be advised that the next regular meeting of Senate of Concordia University will be held on Friday, December 16, 2022, at 2 p.m., in the Norman D. Hébert, LLD Meeting Room (Room EV 2.260) on the SGW Campus.

The Agenda and documents for the Open Session meeting are now posted on the Senate webpage.

Please note that Closed Session documents and discussions are confidential.

Members of the University community who wish to view the Open Session meeting are invited to go to EV 2.301. You will be admitted to the observers' gallery following the Closed Session meeting.

Karan Singh
Secretary of Senate

AGENDA OF THE OPEN SESSION
OF THE MEETING OF SENATE

Friday, December 16, 2022
following the meeting of the Closed Session
in the Norman D. Hébert, LLD Meeting Room
(Room EV 2.260) on the SGW Campus
and via Zoom video conferencing

Item		Presenter(s)	Action
1.	Call to order	G. Carr	
1.1	Approval of the Agenda	G. Carr	Approval
1.2	Adoption of Minutes from the Open Session meeting of November 11, 2022	G. Carr	Approval
2.	Business arising from the Minutes not included on the Agenda	G. Carr	
3.	President's remarks	G. Carr	Information
4.	Academic update (Document US-2022-7-D1)	A. Whitelaw	Information
CONSENT AGENDA			
5.	Tribunal Pool/Committee Nominations (Document US-2022-7-D2)		Approval
6.	Academic Programs Committee – Report and Recommendations (Document US-2022-7-D3)		Approval

REGULAR AGENDA

7.	Academic Programs Committee - Alternative Entry (OOTR-OOTR-5138; GCS-GCS-101; UNVSKIL-UNVSKIL-5141) (Document US-2022-7-D4)	A. Whitelaw/ S. De Celles	Approval
8.	Academic Programs Committee - Microprogram in Fundamentals of Digital Filmmaking under the Mel Hoppenheim School of Cinema (FA-CINE-4461) (Document US-2022-7-D5)	A. Whitelaw/ A. Gérin	Approval
9.	Centraide Campaign (Document US-2022-7-D6)	P. Beauregard	Information
10.	Question period (*maximum 15 minutes*)		
11.	Other business		
12.	Adjournment	G. Carr	

US-2022-6

MINUTES OF THE OPEN SESSION OF THE MEETING OF SENATE

Friday, November 11, 2022
following the meeting of the Closed Session
in the Norman D. Hébert, LLD Meeting Room
(Room EV 2.260) on the SGW Campus
and via Zoom video conferencing

PRESENT

Voting Members: Graham Carr (Chair), Mohamad Abdallah, Nagendra Sri Anurag Appala, Leslie Barker, Sabine Bergler, Dominique Bérubé (attended remotely), Beverley Best (attended remotely), Sandra Betton (attended on behalf of Anne-Marie Croteau), Catherine Bolton, Adam Bouguila, Sally Cooke, Fabienne Cyrius, Selvadurai Dayanandan, Mourad Debbabi, Larry Deck, Effrosyni Diamantoudi, Mary Esteve (attended remotely), Mehdi Farashahi, Annie Gérin, Marina Ghali, Fawaz Halloum, Steve Henle, Asli Isaaq, Jordan Jerome-Pitre, Samreet Kaur, Michael Lecchino, Sofia Lipari-Couture, Christopher Moore, Peter Morden (attended remotely), Catherine Mulligan (attended remotely), Fuzhan Nasiri (attended remotely), Xavier Ottenwaelder, Thenmozhie Rajan, Ian Rakita, Nachiketh R. Ravindra, Rosemary Reilly (attended remotely), Pat Riva, Ahmadou Sakho, Pascale Sicotte, Kelly Thompson, Craig Townsend, Anne Whitelaw, Radu Grigore Zmeureanu

Non-voting members: Philippe Beauregard, Denis Cossette (attended remotely), Stéphanie de Celles, Tom Hughes, Frederica Jacobs, Emilie Martel, Stefana Nita

Also attending: Richard Courtemanche (attended remotely), Michael Di Grappa, Jooseop Lim, Lisa Ostiguy, Melodie Sullivan (attended remotely), Aisha Topskal

ABSENT

Voting members: Matthew Barker, Alexandra Dawson, William Dickson, Moshe Lander, David Morris, Mireille Paquet, Emilie Rosenthal-Bustamante, Sofiene Tahar, Guylaine Vaillancourt, Deeva Wazir

Non-voting members: Paul Chesser, Isabel Dunnigan, Nadia Hardy

1. Call to order

The President called the meeting to order at 2:46 p.m.

1.1 Approval of the Agenda

The Chair noted that item 10 of the agenda will be removed, as the Centraide Campaign had been extended by a week and thus would be presented to Senate at the December meeting.

R-2022-6-6 Upon motion duly moved and seconded, it was unanimously resolved that the revised Agenda of the Open Session be approved.

1.2 Adoption of October 7, 2022 Minutes

R-2022-6-7 Upon motion duly moved and seconded, it was unanimously resolved that the Minutes of the Open Session meeting of October 7, 2022, be adopted.

2. Business arising from the Minutes not included on the Agenda

There was no business arising from the Minutes not included on the Agenda.

3. President's Remarks

The President's remarks are summarized as follows:

- G. Carr began by thanking the President's Task Force on Anti-Black Racism, which released its report on October 28th. The Task Force was established in the fall of 2020 with a mandate to generate recommendations to combat anti-Black racism. The Task Force held more than a hundred meetings and was comprised of six committees made up of faculty, staff, students and alumni. G. Carr noted that this was a landmark report in Concordia's history and thanked all members of the Task Force, particularly Task Force Chair Angélique Willkie, for their service to the University.

- He congratulated Connor Church, a Métis student from Manitoba who is a first-year marketing student at the John Molson School of Business and a member of Concordia's varsity wrestling team. Church received the Tom Longboat Award which honors the top Indigenous athletes in Canada. He also congratulated design students Kamila Nina Andersen, Mélodie Ah-Waye and Quentin Meilhon who won the Student Award at the inaugural CASES sustainable design competition in September. Organized by the *Conseil régional de l'environnement de Montréal*, CASES calls on participants to reimagine existing on-and off-street parking areas in Montréal to better respond to community needs. The team proposed a transformation of two existing parking lots near the Frontenac metro station.

- He shared with Senate that three community members from the Gina Cody School of Engineering and Computer Science received the new Gina Cody School EDI Award, which recognizes those who foster equitable, diverse and inclusive environments

through outreach, research and teaching activities. The first recipients were Riya Dutta, graduate student in software engineering; Mirjam Fines-Neuschild, Horizon postdoctoral fellow; and Carole El Ayoubi, senior lecturer in the Department of Mechanical, Industrial and Aerospace Engineering.

- Simon Bacon from the Department of Health, Kinesiology and Applied Physiology was awarded a clinical trials Training Grant from the Canadian Institutes for Health Research for his application "The Canadian Behavioural Trials and Interventions Training Platform." G. Carr noted that CIHR grants were difficult to win at the best of times, but the Training Grant was particularly competitive and would benefit future graduate students working in the area of behavioral health.

- With return to in person activities, various conferences and events were now being organized on campus. Concordia and McGill co-hosted the two-day World 100 Reputation Network Meeting on October 13th and 14th. Participants from top-ranked universities from around the world attended to discuss the future of reputation in higher education. Concordia also hosted the Global Bio Foundries Alliance Meeting from October 14th to the 16th at the Loyola Jesuit Hall and Conference Centre and virtually. This was led by Vincent Martin, the Concordia University Research Chair in Microbial Engineering and Synthetic Biology. This meeting came ten years after Concordia hosted Canada's first-ever symposium on synthetic biology, and the attendees represented more than 30 leading synthetic biology bio-foundries from around the world

- The fall convocation on October 24th, saw more than 1000 students graduate from the Faculty of Arts and Sciences, Gina Cody School and the John Molson School of Business. The University also conferred three honorary doctorates during the ceremonies to Fibbie Tatti, a journalist, educator and a leader of the Dene Nation, for preserving and promoting Indigenous languages and culture; Reshma Shetty, founder and CEO of Ginkgo Bio works, for expanding the role of synthetic biology in the world and modeling the important role of women and racialized communities in STEM disciplines; and David Fung, a technology integrator, serial entrepreneur and decorated Canadian for developing sustainable industries around the globe.

- The in-person Open House was held on October 22nd, which was the first one since the pre-pandemic held a couple of years ago. It was a great success, with 2,379 students checking in, surpassing the 2,210 students who took part in the last in-person event pre-pandemic. Factoring guests who accompanied students, there were at least 5,000 visitors on both campuses. G. Carr thanked S. de Celles and the team for organizing the Open House and to all faculty, staff and students who volunteered to make it a success.

- He thanked J. Sebastian van Berkom for the $1.2 million gift in support of the Van Berkom Investment Management Program and Van Berkom John Molson Small-Cap Case Competition. This gift brings the total amount that J. Sebastian van Berkom has donated to his alma mater up to nearly $4 million.

- Concordia has created a street-level location on Sir George Williams Campus for the SHIFT Centre for Social Transformation and the Office of Community Engagement. This was made possible with a $10 million gift from the Amelia & Lino Saputo Jr. Foundation and the Mirella & Lino Saputo Foundation. SHIFT is a space for both planned and spontaneous collaboration. The hybrid launch event took place on October 31st.

- Concordia's Centraide Campaign 2022 began on October 11th and has included a number of successful in-person and online activities. The campaign ends on November 18th and the community can continue to make donations until December 31st. This year's goal is to raise $205,000. To date, $175,000 has been raised.

- He shared with Senators that there were two upcoming fundraising events: Comedy for a Cause at the Comedy Nest at 8 p.m the same day and a screening of the movie C.R.A.Z.Y., directed by the late Québec filmmaker Jean-Marc Vallée, at the York Amphitheatre EV-1.615, on November 17th at 5:30 p.m. He encouraged community members to attend. The closing event for the campaign would be at the SHIFT Centre, LB 145, on December 7th at 11:30 a.m., where the final total raised and prizes would be announced.

4. Academic update (Document US-2022-6-D4)

A. Whitelaw didn't have anything to add to the written report. She echoed G. Carr's recommendation that Senators and community members catch the screening of the film C.R.A.Z.Y, which was to be screened on November 17th, in the York Amphitheatre at 5.30 pm.

CONSENT

5. Tribunal Pool/Committee nominations (Document US-2022-6-D5)

R-2022-6-8 Upon motion duly moved and seconded, it was unanimously resolved that the Tribunal Pool and Committee appointments be approved.

6. Academic Programs Committee – Report and recommendations
(Document US-2022-6-D6)

R-2022-6-9 Upon motion duly moved and seconded, it was unanimously resolved that the Academic Programs Committee - Report and recommendations (Document US-2022-6-D6) be approved.

REGULAR

7. Academic Programs Committee – Report and recommendation – JMSB-JMSB-704 (Document US-2022-6-D7)

S. Betton presented the item which includes major revisions to the JMSB-JMSB-704 curriculum. This curriculum has not been revised for 20 years and the revisions have sought to make the program multi-disciplinary. J. Lim was granted speaking privileges and spoke to the resource implications from the change.

R-2022-6-10 *Upon motion duly moved and seconded, it was unanimously resolved that Senate approve changes to the program JMSB-JMSB-704, as detailed in Document US-2022-6-D7.*

8. Revisions to the Policy on Tribunal Hearing Pools (BD-6) (Document US-2022-6-D8)

F. Jacobs spoke about this item, noting that the changes to the policy were to document what has already been happening with regard to the trainings offered to Tribunal Pool members. The policy had been approved by the Governance and Ethics Committee of the Board at their meeting of November 10th and would be presented to the Board for approval on December 15th.

This item was presented for information only.

9. Annual Report of the Office of Rights and Responsibilities (Document US-2022-6-D9)

A. Topsakal began by noting that since August 2021, the Office of Rights and Responsibilities has been offering in-person services, but more people have preferred remote meetings. With 357 e-requests, and 37 files carried forward from the previous year, they had 394 active files. She noted that bulk of the files were consultations related to students and staff, with 17% being informal cases dealing with difficult situations, 8% being formal cases involving Human Resources or student tribunals and 11% of cases relating to Students of Concern. A. Topsakal explained that a Student of Concern is identified when a student's behavior presents a potential threat to themselves and others. She went on to share some examples of the complexity of files that her office deals with. The information in the examples was changed to protect confidentiality.

Senators had a few questions, which included when a Wellness Check was triggered and if the mandatory sexual violence training had any impact on the number of cases received by the office. A. Topsakal explained the Wellness Check process, which includes campus security working with the police to assess the relevant situation.

She noted that SARC was looking into the impact of trainings, but as there were many influencing factors, it would be difficult to determine the extent of the impact of the mandatory trainings. She hoped that the training was giving people the tools to report more and seek necessary resources.

In response to a question of why student complaints go through the Tribunal process, while faculty complaints are managed through Human Resources, A. Topsakal explained that in cases of faculty, given their status as employees of the University, the University is bound by employment laws and regulations and thus a formal process must be followed by Human Resources. On a question related to the evaluation of Concordia's policies by the Canada-wide National Action Plan, A. Topsakal noted that the University was constantly reviewing and revising its policies and the necessary mechanisms were in place to address legislative and other changes that mandate policy review and revision.

G. Carr thanked A. Topsakal and her office for their work.

10. Question period

There were no questions asked during the question period.

11. Other business

There was no other business to bring before the Open Session.

12. Adjournment

The meeting was adjourned at 3:47 p.m.

K. Singh
Karan Singh
Secretary of Senate

Internal Memorandum

To: Members of Senate
From: Anne Whitelaw, Provost and Vice-President, Academic
Date: December 7, 2022
Re: Academic Update

As this is the last Senate meeting of the year, I would like to take this opportunity to thank you for your efforts in making our first full in-person term a success, and to wish you a happy and well-deserved holiday break.

The Concordia Institute of Aerospace Design and Innovation (CIADI) is a household name in Montreal aerospace. That's because it was the first institute of its kind in Quebec. As it now celebrates its 20th anniversary, CIADI continues to make great strides in supporting aerospace research and training for students, researchers and industry. Now, CIADI plans to expand its services to further benefit Concordia students, researchers and professionals in aerospace by branching out to graduate students. Working with undergraduate students has been CIADI's main focus since its inception, promoting careers in aerospace through various events and trainings. Expanding its scope to include graduate students is a natural progression for CIADI. Their connections with the aerospace sector in Montreal will be useful for promoting research and career opportunities for all students at the Gina Cody School.

The John Molson School of Business has ranked 40th, moving up from its 45th spot last year, in Princeton Review's Top Graduate Schools for Entrepreneurship Studies for 2023. It is still the only Canadian school to be part of this ranking, for the 3rd consecutive year.

The Second Annual John Molson School Day was held on November 22. With the theme "For the betterment of business and society," the day of pride included a ceremony to honour two MBA Alumni of the Year Award winners — Luc Bisaillon, MBA 93, and Karna Gupta, BComm 77, MBA 79. Attendees of the MBA Alumni of the Year ceremony were also treated to presentations by Shannon Lloyd, associate professor in the Department of Management, Ian Selvarajah, BComm 07, executive director of management consulting at KPMG Canada, Ghalia Shamayleh, GrDip 15, MSc 19, PhD candidate in the Department of Marketing and a Concordia Public Scholar, and Romain Germond, undergraduate student and co-president of the John Molson International Business Association.

Throughout the day, prizes were handed out to students wearing their John Molson swag, and the hashtag #JohnMolsonSchool was used on multiple social media platforms for the community to share their fondest John Molson School memories and reflections. As a result, LinkedIn and Instagram engagement rates soared to 5.94% and 8.03% respectively on November 22, demonstrating meaningful engagement with the audience. To help wrap up the celebratory day, Geoff Molson, descendant of John Molson and president and CEO of Groupe CH, was featured in a special video message to students and more than 61,000 business-school alumni.

Concordia's Faculty of Arts and Science announced the winners of its new graduate student photo contest The "Capture your research in a snap!" competition saw entries from across multiple disciplines. In total, the contest received more than 50 entries. The jury chose a first- and second-place winner and two tied

for third. Winners received $500, $300 and $100, respectively. The jury also recognized two honourable mentions. First-place winner Brian Gallagher from the Department of Biology submitted "Climate change around the bend." It captured brook trout in the Watern Cove River in Cape Race, Newfoundland. Former Public Scholar Felicity T.C. Hamer won second place for her photo "Reflections." The image is a self-portrait in a dirty mirror alongside some personal photographs. It's part of her work examining the links between photography and remembrance. Given the enthusiastic response to this year's contest, the faculty will make this an annual event.

Concordia's Department of Economics is hosting two independent Canadian senators. Organizer Anthony Noce hopes to give students new insight into government policy by examining the role of the Canadian Senate in influencing economic policy. Senator Paul Massicotte spoke on the afternoon of November 21, and Senator Tony Loffreda, BComm 85, will appear on January 30, 2023.

Two doctoral graduate students are among the recipients of this year's prestigious Vanier Canada Graduate Scholarships. Mackenzie Thornbury, a PhD candidate in molecular biology, was recognized for her work on yeast engineering and organic acids. Sara Matovic, a PhD candidate in psychology, was honoured for her research into adverse childhood experiences and their impact on emotional well-being later in life.

This year's BMO 1st Art! competition regional winner for the province of Quebec is Avery Mikolic-O'Rourke, BFA 22, who recently graduated from the Intermedia program in Concordia's Department of Studio Arts. The BMO 1st Art! contest celebrates the creativity of Canadian art students from more than 100 postsecondary institutions across the country. For Mikolic-O'Rourke, winning the Quebec regional prize represents an exciting opportunity as an emerging artist.

Eleven students from public schools in Edmonton, Alberta, spent a week in Montreal at a research-creation residency at Concordia's Centre for the Study of Learning and Performance (CSLP). The LOHxBAM residency – named after the CSLP's Landscape of Hope project and the Bennett, Argyll, and Metro learning centres in Edmonton – was co-organized by Jessie Beier, a Horizon postdoctoral fellow at the CSLP, and Owen Chapman, an associate professor in the department of Communication Studies and a member of the CSLP.

Concordia Continuing Education is offering a new Certificate in Cybersecurity Proficiency. The Certificate in Cybersecurity Proficiency will focus on how cybersecurity is no longer solely an IT issue, but a broader one that is relevant to everyone and important to non-technical professionals who deal with sensitive or confidential data. With a grant awarded by the Québec Ministère de l'Éducation et de l'Enseignement supérieure, CCE was mandated to provide short courses that would meet priority training needs in the field. The new certificate was designed to do exactly that. The program will also address topics including cybersecurity threats and vulnerabilities, awareness for businesses and employees, and cybersecurity solutions. In addition, 15 full bursaries are available for those interested and in need of financial aid.

Concordia Continuing Education is also offering a new certificate Certificate in AI Proficiency program, set to launch in January 2023. The four-course program aims to improve literacy in the field and address gaps among non-technical learners. Taught over two academic sessions, the certificate's four synchronous online courses total 120 hours. Participants will learn how to incorporate AI into their respective fields and gain the critical skills needed to anticipate shortcomings like the French language oversight.

Angélique Willkie, associate professor of contemporary dance, premiered her solo performance Confession Publique last year to much acclaim. In November, she was recently awarded the prestigious Prix interprète, at the Prix de la danse de Montréal award ceremonies for her extraordinary work Confession Publique. The Prix de la Dance celebrates the exceptional creative work of individual artists, collectives and companies who performed on the city's stages each season. Willkie's award recognizes an artist's dance work from the previous year deserving of special recognition for its artistic approach and interpretation. It also recognizes the artist's commitment to the dance discipline and community.

Works by Concordia artists Hannah Claus, assistant professor in studio arts, Kelly Jazvac, associate professor, sculpture, and Bronfman fellow Nico Williams (MFA 2021) are part of a major show at the Canadian Cultural Centre in Paris called Plastic Heart: Surface All the Way Through. Curated by the Synthetic Collective, the show examines what happens when scientists and artists create a project together to build relationships and effect change in society, museums, and industry on one of today's vital issues: the impact of plastic pollution. The show provides a first-ever snapshot of post-industrial microplastics pollution on the shores of the Great Lakes, while questioning our collective responsibility around the use of plastic and showing us how arts-based approaches to thinking and working can make viable contributions to environmental science and activism.

Assistant Professor of Theatre Menka Negrani was recently invested as a member of the Order of Canada. Negrani had received the award in 2020 during the pandemic as a pioneer of artistic inclusion in Quebec. The founding director of Les Productions des pieds des mains, Negrani has spent much of her career showcasing atypical artists in a variety of disciplines including contemporary dance and theatre to provoke dialogue on diversity and inclusion in Quebec, Canada and internationally.

Concordia's Centre for Teaching and Learning has launched a Contemplative Pedagogies initiative, which focuses on promoting reflection and well-being among faculty through mindfulness and self-compassion. Funded by Entente Canada-Québec pour l'enseignement dans la langue de la minorité et des langues secondes, began in September 2022 and will run until June 1, 2023. The CTL's ultimate goal for the initiative is to develop an emerging community of practitioners along with a toolkit for continuous faculty support in a range of contemplative practices. According to the CTL, the long-term goal of the initiative is to create a better learning environment for students by encouraging faculty to bring the principles of mindfulness and self-compassion into the classroom.

After years of planning and many months of renovations, the SHIFT Centre, home to Concordia's SHIFT Centre for Social Transformation and the Office of Community Engagement, officially opened its doors with a celebratory week of activities. Located in the heart of Concordia's downtown campus, this new collaborative space will help foster an ecosystem of diverse individuals and actors working towards social change. Members of the SHIFT and OCE communities, students, faculty and staff at Concordia will be able to meet, connect and develop ideas and projects to generate social impact.From October 31 to November 4, a variety of events and tours took place to showcase this new community-oriented space at Concordia, and to express gratitude to the generous donors, the Amelia & Lino Saputo Jr. Foundation and the Mirella & Lino Saputo Foundation. Individuals and groups who are working towards social change both at Concordia and in the broader Montreal community are invited to come work out of the space every Tuesday from noon to 6 p.m. and every Thursday from 10 a.m. to 4 p.m. Rooms may also be reserved for meetings and events.

The Dean of Students Office (DoS) completed their Orientation/Frosh evaluation report for summer and fall 2022. To support Orientation/Frosh, the DoS works with student leaders in assisting with logistics of events and ensuring that all events meet the objectives of being safe and providing new students with an opportunity to make friends.

The evaluation report chronicled staff reflections and activities, and post-Orientation/Frosh meetings with leaders from student associations (ASFA, FASA, CSU, ECA, CASA, GSA and ECSGA). Findings from the report include:

- The Dean of Students Office supported student leaders in organizing 48 on-campus events for Orientation/Frosh attended by well over 2000 new students
- The Dean of Students Office trained over 1000 frosh attendees and frosh leaders in risk reduction and sexual violence awareness and prevention
- According to a survey sent out by ASFA (Arts and Science Federation of Associations) to frosh attendees, 80% said they made new friends at frosh, and 94% of frosh leaders and volunteers said they felt safe at frosh events.

Since the end of October, until the end of November, the Dean of Students Office and Multi-faith and Spirituality Centre distributed $49,000 in Student Emergency and Food Fund (SEFF) cards to over 445 students—most of whom are Iranian graduate students affected by the crisis in Iran. For comparison, over the previous month, $7,400 in SEFF cards were distributed to 71 students.

The Multi-faith and Spirituality Centre held a visioning session on November 16. The 2.5-hour event focused on collecting input from stakeholders (students, staff, faculty and members of the Multi-faith network—external representatives of major faith communities in Montreal) on the future of the Multi-faith and Spirituality Centre. The event was attended by 54 people of which 34 were students. Results from the visioning are expected to be available for the community by the end of January.

The final wrap-up event for the Fall 2022 Women In Engineering-Career Launch Experience (WIE-CLE) cohort took place on December 6 and featured Quebec's own Julie Bellerose, DART Navigation Team Chief at NASA Jet Propulsion Laboratory. This is an auspicious date commemorating The National Day of Remembrance and Action on Violence Against Women, where a moment of silence was observed.

The Institute for Co-operative Education and the Experiential Learning Office have developed a 3-year plan to meaningfully incorporate Indigenous and JEDI (Justice Equity Diversity and Inclusion) perspectives into their work. The first year will focus on team education and training that will be conducted with the Equity Office and the Indigenous Directions Office. In year 2, the Indigenous and JEDI perspectives policy/guidelines will be established. In addition, a needs assessment survey will help identify key areas of focus to enhance COOP and EL programming. Year 3 will see the implementation and evaluation of the plan and the path forward for the next 3 years.

Following the attendance of 332 prospective graduate students on October 22 at the first in-person Open House since the Winter 2020 term, the School of Graduate Studies hosted the Virtual Graduate Studies Application Day on November 10. The event is targeted to prospective graduate students who could not attend the in-person Open House. A total of 468 prospective students attended to meet recruiters and representatives from each faculty.

From February to June 2022, the offices of the Provost and VP Research and Graduate Studies organized a "17 Rooms" exercise focused on the question of how Concordia can have greater impact in relation to

the UN Sustainable Development Goals (SDGs). Each session focussed on one of the 17 SDGs. Close to 100 faculty, staff, and students participated. Eight key takeaways, which were based on ideas that were repeated across several of the rooms, were shared at an "18th Room" event in early November at 4th Space. The takeaways provide a roadmap for improved facilitation for impact and engagement activity at the university, and they will be incorporated into Concordia's Voluntary University Review, which will be published next year.

The artist Skawennati—member of Indigenous Futures and AbTeC co-director—exhibited their nine-episode series "Time Traveller" at MAC for a month up until November 13. Skawennati's work offers a postcolonial rereading of the history of the Indigenous peoples of Turtle Island, and projects Indigenous presence into the future through science fiction. The artist was featured on a sold-out conversation at MAC with Greg Hill, Audain Chair Senior Curator of Indigenous Art at the National Gallery of Canada.

On November 14, 4th Space celebrated four years of knowledge mobilization activities, underlined by a story published on concordia.ca, and held the inaugural Fall 2022 collaboration event between 4th Space and the Applied AI Institute. This event was followed in quick succession by three AI cluster workshops meant to build momentum and community towards the Institute's forthcoming projects.

On November 30, Graham Carr moderated a panel that explored how experiential learning opportunities are critical in preparing students to enter the workforce and contribute effectively to the economy. Panelists included: Val Walker, President and CEO of Business and Higher Education Roundtable, Karna Gupta, Member of the Board of Directors at Export Development Canada, Angela Mondou, President and CEO of TECHNATION, and Alexandre Gagnon, Vice-président, Travail et capital humain, Fédération des chambres de commerce du Québec.

Two more distinct events worth mentioning, include an Online Age Verification event 4th Space developed in collaboration with PhD Candidate Azfar Adib, that brought together Senator Julie Miville Dechêne, and MP Arnold Viersen as engaged panelists, along with scholars Nima Karimian and Penny Rankin, and the 2022 Rock your Mocs conversation developed in collaboration with colleagues from the Indigenous Directions office.

The official launch of the Sustainability in the Digital Age Think Tank was announced on November 17 during the Canadian Science Policy Conference held in Ottawa. The internal launch was held on November 30 at 4th Space. The goal of this new Think Tank is to influence policy changes to reach global climate goals, reverse biodiversity loss, support more equitable access to the digital economy and build public awareness on digital sustainability

In collaboration with Concordia Libraries, Student Success Center, Campus Wellness and Le GYM, GradProSkills held its first entirely in-person edition of the Thesis Boost Writing Retreat since the pandemic between November 23 and 25 at the Concordia Conference Center. The event was a great success as 65 research students attended the retreat aimed at encouraging and refueling graduate students' writing process to confidently finish their thesis.

On December 2, Milieux hosted a virtual open house that was live streamed via YouTube, in order to reach prospective national and international students as they navigate the process of university applications. Attendees had the opportunity to experience the study-laboratory spaces, meet students and researchers, learn about program opportunities, and ask live questions, with over 30 members on-site participating in the live broadcast.

On December 8-9, students from the Digital Futures Program at OCAD University traveled from their headquarters at Toronto to visit Milieux, led by Concordia's Darren Wershler – Director of the Media and Materiality Research Cluster. With the aim of opening collaboration avenues between OCAD and Concordia, and to engage prospective graduate students, this two-day visit allowed students to visit our cluster spaces and studio-labs, and meet and connect with our students and researchers.

SENATE
OPEN SESSION
Meeting of December 16, 2022

AGENDA ITEM: Tribunal Pool/Committee Nominations

ACTION REQUIRED: For approval

SUMMARY: Senate is being asked to approve the following Tribunal Pool and Committee appointments:

Committee	**Appointee**	**Term**
Steering	Guylaine Vallaincourt (FOFA)	2022-23
Appointments requiring Senate ratification	**Appointee**	**Term**
Student Tribunal Pool	Olivia Mallette (CSU)	2022-24

DRAFT MOTION:

That the Tribunal Pool and Committee appointments be approved.

PREPARED BY:

Name: Karan Singh
Date: December 9, 2022

ACADEMIC PROGRAMS COMMITTEE
REPORT TO SENATE
Sandra Gabriele, PhD
December 16, 2022

The Academic Programs Committee requests that Senate consider the following changes for the Academic Calendar.

Following approval of the Faculty Councils, APC members reviewed the curriculum submissions listed below. As a result of discussions, APC resolved that the following curriculum proposal be forwarded to Senate for approval:

Undergraduate Curriculum Proposals (Changes for the 2023-24 Calendar)

Inter-Unit Dossiers

Alternative Entry Changes (New Kaié:ri Nikawerà:ke Indigenous Bridging Program and Mature Entry changes)

Office of the Registrar
OOTR-OOTR-5138; **APC-2022-6-D1** (For May 2023 Implementation)

- Regulations

Gina Cody School of Engineering and Computer Science
GCS-GCS-101; **APC-2022-6-D2** (For May 2023 Implementation)

- Courses
- Requirements
- Regulations

Student Success Centre
UNVSKIL-UNVSKIL-5141; **APC-2022-6-D3** (For May 2023 Implementation)

- Courses

Interdisciplinary Studies in Sexuality

Simone de Beauvoir Institute
AS-WSDB-4721; **APC-2022-6-D4** (For May 2023 Implementation)

- Courses
- Requirements

Faculty of Fine Arts
FFAR-81; **APC-2022-6-D5** (For May 2023 Implementation)

- Courses

Department of Sociology and Anthropology
AS-SOAN-5124; **APC-2022-6-D6** (For May 2023 Implementation)

- Courses

Faculty of Arts and Science

AS-ARTSCI-3281; **APC-2022-6-D7** (For May 2023 Implementation)

- Regulations

Department of Chemistry and Biochemistry
AS-CHEM-4082; **APC-2022-6-D8** (For May 2023 Implementation)

- Courses

Department of Education
AS-EDUC-5143; **APC-2022-6-D10** (For May 2023 Implementation)

- Requirements

Department of English
AS-ENGL-5137; **APC-2022-6-D11** (For May 2023 Implementation)

- Courses

Département d'études françaises
AS-FRAN-4322; **APC-2022-6-D12** (For May 2023 Implementation)

- Courses
- Requirements
- Regulations

Department of History
AS-HIST-5041-5021; **APC-2022-6-D13** (For May 2023 Implementation)

- Courses
- Requirements

Department of Philosophy
AS-PHIL-4661; **APC-2022-6-D14** (For May 2023 Implementation)

- Courses

Faculty of Fine Arts

Department of Art History
FA- ARTH-3801; **APC-2022-6-D15** (For May 2023 Implementation)

- Courses
- Requirements

Mel Hoppenheim School of Cinema
FA-CINE-4461; **APC-2022-6-D16** (For May 2023 Implementation)

- **New Microprogram**
- Courses
- Requirements

Department of Studio Arts
FA-STUDART-1181; **APC-2022-6-D17** (For May 2023 Implementation)

- Courses
- Requirements

Department of Theatre
FA-THEA-4401; **APC-2022-6-D18** (For May 2023 Implementation)

- Courses
- Requirements

Gina Cody School of Engineering and Computer Science

Department of Computer Science and Software Engineering
GCS-COMP-5126; **APC-2022-6-D19** (For May 2023 Implementation)

- Courses
- Requirements

Department of Electrical and Computer Engineering
GCS-ELEC-4001; **APC-2022-6-D20** (For May 2023 Implementation)

- Courses
- Requirements

Department of Mechanical, Industrial and Aerospace Engineering
GCS-MIAE-3481; **APC-2022-6-D21** (For May 2023 Implementation)

- Courses
- Requirements

Institute for Co-operative Education

ICE-ICE-5152; **APC-2022-6-D22** (For May 2023 Implementation)

- Courses

Office of the Registrar

OOR-OOR-5145; **APC-2022-6-D23** (For May 2023 Implementation)

- Regulations

International Students Office

ISO-ISO-5230 **APC-2022-6-D24** (For May 2023 Implementation)

- Regulations

Sandra Gabriele, PhD
Vice-Provost, Innovation in Teaching and Learning September 19, 2022

Undergraduate Program Regular Curriculum Change - AS-WSDB-4721 - VERSION : 4

Summary and Rationale for Changes

The Simone de Beauvoir Institute proposes the following changes, which comprise three major areas of the Interdisciplinary Studies in Sexuality major and minor, and a minor change to the Women's Studies Optional Course List at the Simone de Beauvoir Institute. These changes follow curriculum changes in the the Interdisciplinary Studies in Fine Arts area (FFAR/FASS) in the Faculty of Fine Arts, under the dossier FA-FFAR-81, and the changes are submitted in coordination with that dossier. The Department of Sociology and Anthropology has also been notified of the removal of FFAR 290/SOCI 290/SSDB 270 and they have informed our unit and the FFAR/FASS cluster that their department will be submitting their own dossier for curriculum changes this fall (dossier AS-SOAN-5124).

The first major change is the result of the removal of two courses in FoFA: FFAR 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (crosslisted with SSDB 270 and SOCI 290), a six-credit course that is being deleted; and FASS 392 Queer Theory, a three-credit course that is also being deleted. Both of these are previously required courses for the sexuality major and minor. The effect of deleting FFAR 290/SOCI 290/SSDB 270 impacts curriculum changes in both Sociology and Anthropology and Women's Studies. A separate dossier is being created by Sociology and Anthropology to reflect these changes; and the Women's Studies changes are included within this dossier.

The deleted courses FFAR 290 and FASS 392 open up nine credits in the FFAR/FASS envelope, which are being used to create three new three-credit courses that are all being added to the sexuality curriculum.

This table provides a visual representation of how the deleted courses and new courses are replaced in the sexuality curriculum.

Courses DELETED in FoFA	**New Courses Created in FoFA**	**New Replacement Courses Created in SSDB**	**Existing Courses Added**
FFAR 290/SOCI 290/SSDB 270 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6 credits)	FFAR 292/SOCI 292 Cultural Studies and Creation in HIV/AIDS (3 credits)		FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives (3 credits)
	FASS 393: Queer and Trans Studies and Culture (3 credits)		
	FASS 298 Special Topics in Sexuality and the Arts (3 credits)		
FASS 392: Queer Theory (3 credits)		SSDB 392: Advanced Sexuality Theory (3 credits)	

FFAR 292 and FFAS 393 are added as program options to fulfill the '6 credits chosen from' requirement in the sexuality major. These courses are also added to the selection of program electives in the minor. The FASS 298 topics course is also added to

program electives. The addition of FFAR 292 and FASS 393 ensures that interdisciplinary learning in Fine Arts remains central to the program offerings, given the cross-faculty role of the sexuality program at Concordia. The new special topics course, FASS 298, will provide greater flexibility in the curriculum for interdisciplinary studies in sexuality, allowing the area to offer topical courses of interest to students that will provide content and learning outcomes that are appropriate for both sexuality Majors and Minors and students seeking elective courses in the Fine Arts Interdisciplinary areas. Annual topics will be determined by the FASS/FFAR area in consultation with the Program Director for the Interdisciplinary Studies in Sexuality program.

Second, the eConcordia course, FFAR 291/INTE 398 HIV/AIDS: An Interdisciplinary Introduction to Scientific, Social and Cultural Aspects (please note that this course is being renamed as "HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives" in the FA-FFAR-81 dossier) is added to the sexuality major. This addition ensures sexuality students continue to have access to six-credits of courses in HIV/AIDS, which is one of the strengths of the sexuality program and one of its distinctive features when compared to other similar programs offered in Canada.

Third, the new course, SSDB 392 Advanced Sexuality Theory, is added to the SdBI envelope, replacing FASS 392 Queer Theory (course is being deleted by the Faculty of Fine Arts under FA-FFAR-81). FASS 392 was an advanced theory course that proved difficult to teach consistently across disciplines when students without prerequisites enroll in the course. Further, the mandate of the FASS/FFAR area requires the removal of all prerequisites on courses, which impacts the curricular and pedagogical role of advanced theory learning as part of the sexuality major and minor. To fill the curricular gap caused by the removal of FASS 392 from FoFA, we add the new course SSDB 392 Advanced Sexuality Theory (three-credits), to ensure sexuality students receive adequate theoretical training in their program. The new course replaces FASS 392 in our curriculum in both the Major and Minor.

Additionally, the organization of the program major and minor is updated to reflect the above changes and to facilitate students' navigation of the program curriculum on the Calendar website.These changes do not change the content of the curriculum but simply clarify the visual representation for students looking at the calendar website. These changes offer clarification to the program requirements, which are currently confusing on the Calendar website. We have shuffled the layout of credit allocations around, but 18 credits remain of what we previously called "Core" courses, now simply outlined by credit sections and more clearly identified in the course selection options available for degree completion. We have also increased the credits in additional courses to prioritize student ability to choose courses based on availability to complete their degree requirements and added/removed all of the above courses from the longer additional course list. This ensures we maintain 18 credits of "core" courses, six credits in Stream I or II of advanced sexuality coursework and experiential learning, and 18 credits of interdisciplinary sexuality courses in the major. Meanwhile, the minor curriculum is reorganized to facilitate course selection and minor requirements completion. More emphasis is placed on courses chosen in the minor (now 21 credits rather than 15 credits), with only six-credits of "required" courses: SSDB 220 Introduction to Theories of Sexuality and either SSDB 390 Sexuality Theory in Historical Perspectives or 392 Advanced Sexuality Theory. A calendar preview is attached as a support document to better reflect the new calendar layout with the defined 'core' removed.

Lastly, the removal of FFAR 290/SOCI 209/SSDB 270 impacts the optional course listings in the calendar for the Women's Studies program. The dossier includes a program change for Women's Studies that removes FFAR 290 from the Women's Studies optional list and adds FFAR 292, a similar course that will be of interest to students. This change will not have an impact on enrollments and the FASS/FFAR cluster has been notified of this change.

In sum, the above changes meet the growing demands for course options for majors and minors in sexuality, whose enrolment numbers exceeded 200 students in 2022; and increase availability of courses that can be taken by students from other programs in the Interdisciplinary Studies in Fine Arts area without changing its credit allotment. No additional resources will be needed to make these curriculum changes because credits for new courses in FoFA replace deleted courses; and the additional new course, SSDB 392, will be allocated from the current envelope by rearranging annual course offerings of special topics courses.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

The following proposal was presented under ASFC-2022-6M-J and approved at the Arts and Science Faculty Council meeting on October 28, 2022. We request that it be reviewed at the Academic Programs Committee on November 18, 2022 for the implementation in the 2023-24 Undergraduate Calendar. Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

The Faculty Curriculum Committee (FCC) supports the course changes proposed in this dossier and recommends that it be reviewed at the next Arts and Science Faculty Council. The Simone de Beauvoir Institute is proposing program changes to the major and minor in Interdisciplinary Studies in Sexuality. In addition to several program changes, the deletion of cross-listed course, SSDB 270, has prompted the department counterparts to create their own dossiers to reflect the changes that will impact their curriculum. These include the Department of Sociology and Anthropology (SOCI 290: AS-SOAN-5124) and the Faculty of Fine Arts (FFAR 290: FA-FFAR-81).

Summary of Committee Discussion: Department approval

For Submission to:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

Approved by:

Carolina Cambre, Principal of the Simone de Beauvoir Institute,
Coordinating Committee, 14 Sep 2022

The following curriculum changes were approved by the Sexuality Studies Curriculum Committee on August 31, 2022 and the Simone de Beauvoir Institute Coordinating Committee on September 14, 2022.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
SSDB 270 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic Delete	X	X	X	X			X	X	X	
SSDB 392 Advanced Sexuality Theory New	X	X	X	X	X		X	X	X	

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
Major in Interdisciplinary Studies in Sexuality Change				X			
Minor in Interdisciplinary Studies in Sexuality Change				X			

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
Core: Interdisciplinary Studies in Sexuality Delete	X	X	X

Optional Courses for Women's Studies Change		X	

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to sexuality programs

Calendar Section Name: Major in Interdisciplinary Studies in Sexuality
Calendar Section Type: Program
Description of Change: Major in Interdisciplinary Studies in Sexuality Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Simone de Beauvoir Institute and Women's Studies
Program Name: Major in Interdisciplinary Studies in Sexuality
Program Type: Major
Degree: Bachelor/Baccalaureate of Arts (BA)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.560 Simone de Beauvoir Institute and Women's Studies > Women's Studies and Interdisciplinary Studies in Sexuality Programs > Interdisciplinary Studies in Sexuality > BA Major in Interdisciplinary Studies in Sexuality > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar	**Proposed Text**
42 credits Major in Interdisciplinary Studies in Sexuality	**42 credits** Major in Interdisciplinary Studies in Sexuality
~~18~~ credits ~~from~~ the ~~Core:~~ Interdisciplinary Studies in ~~Sexuality~~	12 credits: SSDB 220 Introduction to Theories of Sexuality (3) SSDB 275 Introduction to Sexuality Research (3) SSDB 390 Sexuality Theory in Historical Perspectives (3) SSDB 392 Advanced Sexuality Theory (3)
6 credits chosen from ~~Stream~~ I: Interdisciplinary Studies in Sexuality Practicum ~~and Stream~~ II: Interdisciplinary Studies in Sexuality Advanced Coursework	6 credits chosen from: FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives (3) FFAR 292 Cultural Studies and Creation in HIV/AIDS (3) FASS 393 Queer and Trans Studies and Culture (3)
~~6 credits chosen from:~~ ~~AHSC 312 Sexuality in Human Relations (3)~~ ~~ANTH 375 Social Construction of Sexualities (3)~~ ~~FASS 293 Sexual Representation in the Arts (3)~~ ~~SOCI 375 Social Construction of Sexualities (3)~~ ~~WSDB 383 Lesbian Issues and Realities (3)~~ ~~WSDB 384 Queer Feminism (3)~~ ~~WSDB 385 Introduction to Trans Studies (3)~~ ~~WSDB 386 Framing the Prostitute (3)~~	6 credits chosen from one of the following streams: Stream I: Interdisciplinary Studies in Sexuality Practicum Stream II: Interdisciplinary Studies in Sexuality Advanced Coursework
~~Note: The following courses are cross-listed:~~ ~~ANTH 375 and SOCI 375~~	18 credits chosen from the following courses, or other appropriate courses approved by the Institute: AHSC 312 Sexuality in Human Relations (3) ANTH 375 Social Construction of Sexualities (3) BIOL 200 Fundamentals of Human Biology (3) ENGL 393 Gender and Sexuality in Literary Studies (3)
~~3 credits chosen from:~~ ~~SSDB 425 Ethics in Community Engagement (3)~~ ~~SSDB 428 Independent Study (3)~~	

~~SSDB 492 Seminar in Advanced Topics in Sexuality I (3)~~
~~SSDB 493 Seminar in Advanced Topics in Sexuality II (3)~~

~~9~~ credits chosen from the following courses, or other appropriate courses approved by the Institute:
AHSC 312 Sexuality in Human Relations (3)
ANTH 375 Social Construction of Sexualities (3)
BIOL 200 Fundamentals of Human Biology (3)
ENGL 393 Gender and Sexuality in Literary Studies (3)
FASS 293 Sexual Representation in the Arts (3)
FMST 391 Sexual Representation in Cinema (3)
FMST 392 Queer Cinema I (3)
FMST 393 Queer Cinema II (3)
HIST 346 Sexuality in History (3)
RELI 380 Religion and Sexuality (3)
SOCI 375 Social Construction of Sexualities (3)
SSDB 425 Ethics in Community Engagement (3)
SSDB 428 Independent Study (3)
SSDB 492 Seminar in Advanced Topics in Sexuality I (3)
SSDB 493 Seminar in Advanced Topics in Sexuality II (3)
WSDB 383 Lesbian Issues and Realities (3)
WSDB 384 Queer Feminism (3)
WSDB 385 Introduction to Trans Studies (3)
WSDB 386 Framing the Prostitute (3)

Note: The following courses are cross-listed:

ANTH 375 and SOCI 375

FASS 293 Sexual Representation in the Arts (3)
FASS 298 Special Topics in Sexuality and the Arts (3)
FASS 393 Queer and Trans Studies and Culture (3)
FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives (3)
FFAR 292 Cultural Studies and Creation in HIV/AIDS (3)
FMST 391 Sexual Representation in Cinema (3)
FMST 392 Queer Cinema I (3)
FMST 393 Queer Cinema II (3)
HIST 346 Sexuality in History (3)
RELI 380 Religion and Sexuality (3)
SOCI 375 Social Construction of Sexualities (3)
SSDB 425 Ethics in Community Engagement (3)
SSDB 428 Independent Study (3)
SSDB 492 Seminar in Advanced Topics in Sexuality I (3)
SSDB 493 Seminar in Advanced Topics in Sexuality II (3)
WSDB 383 Lesbian Issues and Realities (3)
WSDB 384 Queer Feminism (3)
WSDB 385 Introduction to Trans Studies (3)
WSDB 386 Framing the Prostitute (3)

Note: The following courses are cross-listed:

ANTH 375 and SOCI 375

Rationale:

The organization of the program major and minor is updated to reflect the associated changes in the FA-FFAR-81 dossier and to facilitate students' navigation of the program curriculum on the Calendar website. More details about the changes to FoFA and SSDB curriculum are outlined in the memo.

The addition of the new FoFA courses, FFAR 292, FASS 298 and 393, and the new course SSDB 392, reflect changes in FoFA course offerings and accommodate the deletion of FFAR 290 and FASS 392. This change ensures that 9 credits of FoFA courses remain available for the program major. Further, a new course, SSDB 392 Advanced Sexuality Theory, replaces FASS 392 Queer Theory in the program curriculum for sexuality.

The remaining changes are mostly cosmetic and offer clarification to the program requirements, which are currently confusing on the Calendar website. We have shuffled the layout of credit allocations around, but 18 credits remain of what we previously called "Core" courses, now simply outlined by credit sections and more clearly identified in the course selection options available for degree completion. For clarity, we have divided the program into 12 credits of required courses followed by 6 credits of courses chosen from the FoFA interdisciplinary cluster, which now comprise 2 3-credit HIV/AIDS courses, FFAR 291 and 292, which complement one another, and one new course, FASS 393 Queer and Trans Studies and Culture. FFAR 291 and 292 are also cross listed with SOCI 2910 and 292 (dossier AS-SOAN-5124). See publication preview in support document.

Additionally, we have removed two of the "chosen from" credit sections and increased the credits in additional courses to

prioritize student ability to choose courses based on availability to complete their degree requirements and added/removed all of the above courses from the longer additional course list. This ensures that we maintain 18 credits of “core” courses, 6 credits in Stream I or II of advanced sexuality coursework and experiential learning, and 18 credits of interdisciplinary sexuality courses in the major.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to sexuality programs

Calendar Section Name: Core: Interdisciplinary Studies in Sexuality
Calendar Section Type: Defined group
Description of Change: Core: Interdisciplinary Studies in Sexuality
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Simone de Beauvoir Institute and Women's Studies

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.560 Simone de Beauvoir Institute and Women's Studies > Women's Studies and Interdisciplinary Studies in Sexuality Programs > Interdisciplinary Studies in Sexuality > BA Major in Interdisciplinary Studies in Sexuality > Program Requirements > Major in Interdisciplinary Studies in Sexuality

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~**18** **credits**~~ ~~Core: Interdisciplinary Studies in Sexuality~~ ~~12 credits chosen from:~~ ~~FFAR 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6)~~ ~~SOCI 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6)~~ ~~SSDB 220 Introduction to Theories of Sexuality (3)~~ ~~SSDB 270 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6)~~ ~~SSDB 275 Introduction to Sexuality Research (3)~~ ~~Note: The following courses are cross-listed:~~ ~~FFAR 290 and SOCI 290 and SSDB 270~~ ~~6 credits:~~ ~~FASS 392 Queer Theory (3)~~ ~~SSDB 390 Sexuality Theory in Historical Perspectives (3)~~	

Rationale:
The defined group 'core' is removed as courses are instead now listed directly in the Major. This provides clarity to students navigating the program requirements.

Resource Implications:
None.

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to sexuality programs

Calendar Section Name: Minor in Interdisciplinary Studies in Sexuality
Calendar Section Type: Program
Description of Change: Minor in Interdisciplinary Studies in Sexuality Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Simone de Beauvoir Institute and Women's Studies
Program Name: Minor in Interdisciplinary Studies in Sexuality
Program Type: Minor
Degree: Non-degree program (certificate or minor)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.560 Simone de Beauvoir Institute and Women's Studies > Women's Studies and Interdisciplinary Studies in Sexuality Programs > Interdisciplinary Studies in Sexuality > Minor in Interdisciplinary Studies in Sexuality > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar

27 credits Minor in Interdisciplinary Studies in Sexuality

~~9 credits chosen from:~~
~~FFAR 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6)~~
~~SOCI 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6)~~
SSDB 220 Introduction to Theories of Sexuality (3)
~~SSDB 270 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6)~~

~~Note: The following courses are cross-listed:~~

~~FFAR 290 and SOCI 290 and SSDB 270~~

3 credits chosen from:
~~FASS 392 Queer Theory (3)~~
SSDB 390 Sexuality Theory in Historical Perspectives (3)

~~15~~ credits chosen from the following courses, or other appropriate courses approved by the Institute:
AHSC 312 Sexuality in Human Relations (3)
ANTH 375 Social Construction of Sexualities (3)
BIOL 200 Fundamentals of Human Biology (3)
ENGL 393 Gender and Sexuality in Literary Studies (3)

Proposed Text

27 credits Minor in Interdisciplinary Studies in Sexuality

3 credits:
SSDB 220 Introduction to Theories of Sexuality (3)

3 credits chosen from:
SSDB 390 Sexuality Theory in Historical Perspectives (3)
SSDB 392 Advanced Sexuality Theory (3)

21 credits chosen from the following courses, or other appropriate courses approved by the Institute:
AHSC 312 Sexuality in Human Relations (3)
ANTH 375 Social Construction of Sexualities (3)
BIOL 200 Fundamentals of Human Biology (3)
ENGL 393 Gender and Sexuality in Literary Studies (3)
FASS 293 Sexual Representation in the Arts (3)
FASS 298 Special Topics in Sexuality and the Arts (3)
FASS 393 Queer and Trans Studies and Culture (3)
FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives (3)
FFAR 292 Cultural Studies and Creation in HIV/AIDS (3)
FMST 391 Sexual Representation in Cinema (3)
FMST 392 Queer Cinema I (3)
FMST 393 Queer Cinema II (3)
HIST 346 Sexuality in History (3)
RELI 380 Religion and Sexuality (3)
SOCI 375 Social Construction of Sexualities (3)

FASS 293 Sexual Representation in the Arts (3)
FASS ~~392~~ Queer ~~Theory~~ (3)
FMST 391 Sexual Representation in Cinema (3)
FMST 392 Queer Cinema I (3)
FMST 393 Queer Cinema II (3)
HIST 346 Sexuality in History (3)
RELI 380 Religion and Sexuality (3)
SOCI 375 Social Construction of Sexualities (3)
SSDB 275 Introduction to Sexuality Research (3)
SSDB 390 Sexuality Theory in Historical Perspectives (3)
SSDB 425 Ethics in Community Engagement (3)
SSDB 428 Independent Study (3)
SSDB 492 Seminar in Advanced Topics in Sexuality I (3)
SSDB 493 Seminar in Advanced Topics in Sexuality II (3)
WSDB 383 Lesbian Issues and Realities (3)
WSDB 384 Queer Feminism (3)
WSDB 385 Introduction to Trans Studies (3)
WSDB 386 Framing the Prostitute (3)

Note: The following courses are cross-listed:

ANTH 375 and SOCI 375

SSDB 275 Introduction to Sexuality Research (3)
SSDB 390 Sexuality Theory in Historical Perspectives (3)
SSDB 392 Advanced Sexuality Theory (3)
SSDB 425 Ethics in Community Engagement (3)
SSDB 428 Independent Study (3)
SSDB 492 Seminar in Advanced Topics in Sexuality I (3)
SSDB 493 Seminar in Advanced Topics in Sexuality II (3)
WSDB 383 Lesbian Issues and Realities (3)
WSDB 384 Queer Feminism (3)
WSDB 385 Introduction to Trans Studies (3)
WSDB 386 Framing the Prostitute (3)

Note: The following courses are cross-listed:

ANTH 375 and SOCI 375

Rationale:

The changes reflect the removal and addition of courses in the Fine Arts Interdisciplinary cluster on sexuality and the addition of a new course, SSDB 392 Advanced Sexuality Theory. The minor curriculum is reorganized to facilitate course selection and minor requirements completion. More emphasis is placed on courses chosen in the minor (now 21 credits rather than 15 credits), with only 6 credits of “required” courses: SSDB 220 Introduction to Theories of Sexuality and either SSDB 390 Sexuality Theory in Historical Perspectives or 392 Advanced Sexuality Theory.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to sexuality programs

Calendar Section Name: Optional Courses for Women's Studies
Calendar Section Type: Defined group
Description of Change: Optional Courses for Women's Studies Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Simone de Beauvoir Institute and Women's Studies

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.560 Simone de Beauvoir Institute and Women's Studies > Women's Studies and Interdisciplinary Studies in Sexuality Programs > Women's Studies > Optional Courses for Women's Studies

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Optional Courses for Women's Studies	**credits**	Optional Courses for Women's Studies
Note: Students should consult the appropriate departments concerning possible prerequisites for the courses listed under Optional Courses.		0 Note: Students should consult the appropriate departments concerning possible prerequisites for the courses listed under Optional Courses.
		0
~~WSDB~~ 298 Selected Topics in Women's Studies (3)		WSDB 298 Selected Topics in Women's Studies (3)
WSDB 310 Feminism, Comedy, and Social Change (3)		WSDB 310 Feminism, Comedy, and Social Change (3)
WSDB 365 Feminist Theory and Popular Culture (3)		WSDB 365 Feminist Theory and Popular Culture (3)
WSDB 370 Workshops in Special Areas of Women's Studies (3)		WSDB 370 Workshops in Special Areas of Women's Studies (3)
WSDB 380 Feminist Thought I (3)		WSDB 380 Feminist Thought I (3)
WSDB 381 Indigenous Women and Feminisms (3)		WSDB 381 Indigenous Women and Feminisms (3)
WSDB 383 Lesbian Issues and Realities (3)		WSDB 383 Lesbian Issues and Realities (3)
WSDB 384 Queer Feminism (3)		WSDB 384 Queer Feminism (3)
WSDB 385 Introduction to Trans Studies (3)		WSDB 385 Introduction to Trans Studies (3)
WSDB 386 Framing the Prostitute (3)		WSDB 386 Framing the Prostitute (3)
WSDB 390 Feminist Perspectives on Peace (3)		WSDB 390 Feminist Perspectives on Peace (3)
WSDB 391 Health Issues: Feminist Perspectives (3)		WSDB 391 Health Issues: Feminist Perspectives (3)
WSDB 392 Féminismes dans la francophonie (3)		WSDB 392 Féminismes dans la francophonie (3)
WSDB 393 Critical Race Feminisms (3)		WSDB 393 Critical Race Feminisms (3)
WSDB 398 Selected Topics in Women's Studies (3)		WSDB 398 Selected Topics in Women's Studies (3)
WSDB 410 Feminisms, Tourism, and Mobilities (3)		WSDB 410 Feminisms, Tourism, and Mobilities (3)
WSDB 480 Feminist Thought II (3)		WSDB 480 Feminist Thought II (3)
WSDB 490 Feminist Ethics (3)		WSDB 490 Feminist Ethics (3)

Present Text (from 2021) calendar	Proposed Text
WSDB 491 Feminist Perspectives on Culture (3)	WSDB 491 Feminist Perspectives on Culture (3)
WSDB 492 Post-colonial and Anti-colonial Feminist Theories and Practice (3)	WSDB 492 Post-colonial and Anti-colonial Feminist Theories and Practice (3)
WSDB 498 Seminar in Women's Studies (3)	WSDB 498 Seminar in Women's Studies (3)
WSDB 499 Seminar in Women's Studies (6)	WSDB 499 Seminar in Women's Studies (6)
ANTH 276 Gender and Society (3)	ANTH 276 Gender and Society (3)
ARTH 381 Feminism and Art History (3)	ARTH 381 Feminism and Art History (3)
CLAS 353 Representations of Women in Ancient Greece and Rome (3)	CLAS 353 Representations of Women in Ancient Greece and Rome (3)
COMS 368 Media and Gender (3)	COMS 368 Media and Gender (3)
COMS 472 Communication Technologies and Gender (3)	COMS 472 Communication Technologies and Gender (3)
EDUC 321 Gender Socialization in Education (3)	EDUC 321 Gender Socialization in Education (3)
ENGL 303 Reading Women Writing (6)	ENGL 303 Reading Women Writing (6)
ENGL 351 20th-Century Writing by Women (3)	ENGL 351 20th-Century Writing by Women (3)
ENGL 352 Contemporary Writing by Women (3)	ENGL 352 Contemporary Writing by Women (3)
ENGL 382 Postcolonial Literature (3)	ENGL 382 Postcolonial Literature (3)
ENGL 393 Gender and Sexuality in Literary Studies (3)	ENGL 393 Gender and Sexuality in Literary Studies (3)
FFAR ~~290 HIV/AIDS: Cultural, Social~~ and ~~Scientific Aspects of the Pandemic (6)~~	FFAR 292 Cultural Studies and Creation in HIV/AIDS (3)
FMST 329 Women and Film (3)	FMST 329 Women and Film (3)
FMST 392 Queer Cinema I (3)	FMST 392 Queer Cinema I (3)
FMST 393 Queer Cinema II (3)	FMST 393 Queer Cinema II (3)
HIST 305 Race and Gender in Canadian History (3)	HIST 305 Race and Gender in Canadian History (3)
HIST 347 Gender and Sexuality in South Asia (3)	HIST 347 Gender and Sexuality in South Asia (3)
PHIL 371 Philosophy of Feminism (3)	PHIL 371 Philosophy of Feminism (3)
PHIL 471 Advanced Topics in Feminist Theory (3)	PHIL 471 Advanced Topics in Feminist Theory (3)
POLI 309 Women and Politics in Canada (3)	POLI 309 Women and Politics in Canada (3)
RELI 381 Women and Religion: Judaism (3)	RELI 381 Women and Religion: Judaism (3)
RELI 382 Women and Religion: Christianity (3)	RELI 382 Women and Religion: Christianity (3)
RELI 383 Women and Religion: Islam (3)	RELI 383 Women and Religion: Islam (3)
RELI 384 Women and Religion: Hinduism (3)	RELI 384 Women and Religion: Hinduism (3)
RELI 385 Women and Religion: Buddhism (3)	RELI 385 Women and Religion: Buddhism (3)
RELI 386 Witchcraft, Magic and Religion (3)	RELI 386 Witchcraft, Magic and Religion (3)
RELI 387 Goddesses and Religious Images of Women (3)	RELI 387 Goddesses and Religious Images of Women (3)
RELI 392 Women in Jewish History: Modern (3)	RELI 392 Women in Jewish History: Modern (3)
SOCI 276 Gender and Society (3)	SOCI 276 Gender and Society (3)
SOCI ~~290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6)~~	SOCI 380 Contemporary Issues in Human Rights (3)
~~SOCI~~ 380 Contemporary Issues in Human Rights (3)	SOCI 475 Men and Masculinities (3)
SOCI 475 Men and Masculinities (3)	SOCI 476 Contemporary Feminist Thought (3)
SOCI 476 Contemporary Feminist Thought (3)	SCPA 352 Community and Local Activism (3)
SCPA 352 Community and Local Activism (3)	SSDB 275 Introduction to Sexuality Research (3)
~~SSDB 270 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (6)~~	THEO 295 Theology and Women (3)
SSDB 275 Introduction to Sexuality Research (3)	
THEO 295 Theology and Women (3)	

Rationale:

The Faculty of Fine Arts has removed FFAR 290, also cross-listed as SSDB 270/SOCI 290, from the calendar. As such, these courses have been removed from the Women's Studies optional courses.

FFAR 292 is added as a new option.

The Faculty of Fine Arts has been notified of this change.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to sexuality programs

Calendar Section Name: SSDB 270
Calendar Section Type: Course
Description of Change: SSDB 270 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Simone de Beauvoir Institute and Women's Studies

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.560 Simone de Beauvoir Institute and Women's Studies > Women's Studies and Interdisciplinary Studies in Sexuality Courses > Interdisciplinary Studies in Sexuality Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~SSDB 270 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic~~ (~~6~~ credits)	
Prerequisites:	*Prerequisites:*
Description :	*Description :*
~~This course surveys the major issues and challenges of the HIV pandemic. Such topics as the biology of the virus, therapeutic, clinical and epidemiological research developments, the social costs of sexual taboos and discrimination, and media and artistic representation by and of people with HIV are presented by faculty and visiting community experts. The epidemics in the Western hemisphere, Africa, Asia, and other regions are addressed. Learning is based on lectures, weekly tutorials, and community involvement.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for FFAR 290 , INTE 270, SOCI 290 , or for this topic under a SOCI 399 number, may not take this course for credit.~~	**Equivalent Courses :**

Rationale:

The Faculty of Fine Arts is removing FFAR 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic from their offerings. As it is cross-listed with SSDB 270/SOCI 290, these courses will also be deleted.

Resource Implications:
None.

D10

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to sexuality programs

Calendar Section Name: SSDB 392
Calendar Section Type: Course
Description of Change: SSDB 392 Advanced Sexuality Theory New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Simone de Beauvoir Institute and Women's Studies

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.560 Simone de Beauvoir Institute and Women's Studies > Women's Studies and Interdisciplinary Studies in Sexuality Courses > Interdisciplinary Studies in Sexuality Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SSDB 392 Advanced Sexuality Theory (3 credits)
Prerequisites:	*Prerequisites:*
	The following courses must be completed previously: SSDB 220 or SSDB 275 . Students must complete 30 university credits prior to enrolling. If prerequisites are not satisfied, permission of the Institute is required.
Description :	*Description :*
	This course examines advanced theoretical concepts and texts in contemporary queer theory, trans theory, and sexuality studies. The course focuses on texts published after 1980 and examines contemporary theories relating to sexuality and gender, which may include: asexuality, crip theory, heteronormativity, homonationalism, neoliberalism, normalization, queer of colour critique, trans necropolitics, and other emergent theories in the field.
Component(s):	*Component(s):*
	Seminar
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for FASS 392 may not take this course for credit.

Rationale:

In the Faculty of Fine Arts, one of the sexuality core courses, FASS 392 Queer Theory, has been removed and replaced with FASS 393 Queer and Trans Studies and Culture, a general topics course on queer and trans culture. The new course does not have prerequisites and is available to students interested in these topics from both sexuality studies and across the university. This change in FoFA aligns with the mandate of the interdisciplinary cluster to provide elective courses without prerequisites or restrictions. Although FASS 393 is being added to the sexuality core course offerings, the removal of FASS 392 in FoFA creates a curricular gap in the sexuality major. Because queer theory is an advanced sexuality topic, this course would best fit within the SSDB course offerings, where the program ensures that the curricular role of advanced theory in the major and minor is met. This new course will ensure that students in the program receive advanced theoretical reading and analysis skills and introduces

new theoretical areas in the study of sexuality and in the literature coming from queer theory from the period post-1980 onwards, including emergent theories in the field such as crip theory, Trans theory, non-monogamies, and asexuality. With the proposed new course, students will gain breadth of knowledge in contemporary theories relating to sexuality, and be prepared for applied learning in future research in SSDB 428 Independent Study and experiential learning in SSDB 426 Practicum. The new course SSDB 392 Advanced Sexuality Theory serves an important curricular role in the major through the stages of student progress in theoretical learning in the program across SSDB 220 Intro to Theories, which provides a survey introduction to theory, and SSDB 390 Sexuality Theory in Historical Perspectives, which focuses on early sexuality theory prior to 1980. This course is added to the required courses for the major, and will replace FASS 392 from the options in the minor.

Resource Implications:

None. This course will be offered as part of the department's regular allotment.

Impact Report

Programs

Certificate in Women’s Studies
Source of Impact

- Optional Courses for Women's Studies

Major in Interdisciplinary Studies in Sexuality
Source of Impact

- Core: Interdisciplinary Studies in Sexuality

Major in Women’s Studies
Source of Impact

- Optional Courses for Women's Studies

Minor in Interdisciplinary Studies in Sexuality
Source of Impact

- SSDB 270

Minor in Women’s Studies
Source of Impact

- Optional Courses for Women's Studies

Specialization in Women’s Studies
Source of Impact

- Optional Courses for Women's Studies

Defined Groups

Core: Interdisciplinary Studies in Sexuality
Source of Impact

- SSDB 270

Optional Courses for Women's Studies
Source of Impact

- SSDB 270

Courses

FFAR 290
Source of Impact

- SSDB 270

SOCI 290
Source of Impact

- SSDB 270

SSDB 392 Advanced Sexuality Theory New
Source of Impact

Regulations

Interdisciplinary Studies in Sexuality
Source of Impact

- Major in Interdisciplinary Studies in Sexuality
- Minor in Interdisciplinary Studies in Sexuality

Interdisciplinary Studies in Sexuality Program Notes
Source of Impact

- Major in Interdisciplinary Studies in Sexuality
- Minor in Interdisciplinary Studies in Sexuality

Simone de Beauvoir Institute
Source of Impact

- Major in Interdisciplinary Studies in Sexuality
- Minor in Interdisciplinary Studies in Sexuality

Other Units

Addition of **FFAR 291** to **Major in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 291** to **Major in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 292** to **Major in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 292** to **Major in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FASS 298** to **Major in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FASS 393** to **Major in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FASS 393** to **Major in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 291** to **Minor in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 292** to **Minor in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FASS 298** to **Minor in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FASS 393** to **Minor in Interdisciplinary Studies in Sexuality** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 292** to **Optional Courses for Women's Studies** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

SSDB 392 Advanced Sexuality Theory (3 credits) – abridged syllabus

Prerequisite

The following courses must be completed previously: SSDB 220 or SSDB 275. Students must complete 30 university credits prior to enrolling. If prerequisites are not satisfied, permission of the Institute is required.

Description

This course examines advanced theoretical concepts and texts in contemporary queer theory, trans theory, and sexuality studies. The course focuses on texts published after 1980 and examines contemporary theories relating to sexuality and gender, which may include: asexuality, crip theory, heteronormativity, homonationalism, neoliberalism, normalization, queer of colour critique, trans necropolitics, and other emergent theories in the field.

Note: Students who have received credit for FASS 392 may not take this course for credit.

Learning outcomes

By the end of the course students will be able to:

- Define different theories and theoretical frameworks in the area of sexuality
- Identify new theoretical frameworks in the area of sexuality
- Describe the relationship between theory and practices/lived experiences of sexuality
- Compare and contrast theoretical frameworks and approaches
- Apply theoretical frameworks in scholarly research and writing

Assessments

- Weekly reading responses (40%)
- Comparative analysis paper (20%)
- Final paper (40%)

From:	Elaine Cheasley Paterson
To:	Nicole Freeman
Cc:	Christopher Cooke
Subject:	Re: FFAR 291, 292
Date:	September 15, 2022 6:53:00 PM

Hi Nicole,

I'm writing to confirm that the Interdisciplinary Studies Area in Fine Arts supports the cross-listing of these FFAR courses with the SOCI codes and the listing the FFAR courses in The Simone de Beauvoir Institute programs.

Thanks,
Elaine

Elaine Cheasley Paterson, PhD (*she/her*)
Associate Dean, Academic Programmes and Pedagogy
Professor, Department of Art History
Faculty of Fine Arts, Concordia University, Montréal, EV 2.735
@mtlcraftprof

Latest book: Craft and Heritage: Intersections in Critical Studies and Practice (2021)

I acknowledge that Concordia University is located on unceded Indigenous lands. The Kanien'kehá:ka Nation is recognized as the custodians of the lands and waters called Tiohtià:ke/Montréal. Je reconnais que l'Université Concordia est située en territoire autochtone non cédé et que la nation Kanien'kehá:ka est la gardienne des terres et des eaux formant Tiohtià:ke/Montréal. [Indigenous Directions Leadership Council, Concordia University, February 2017]

BA Major in Interdisciplinary Studies in Sexuality

Program Requirements

Major in Interdisciplinary Studies in Sexuality (42 credits)

12 credits from:

- SSDB 220 Introduction to Theories of Sexuality (3.00)
- SSDB 275 Introduction to Sexuality Research (3.00)
- SSDB 390 Sexuality Theory in Historical Perspectives (3.00)
- SSDB 392 Advanced Sexuality Theory (3.00)

6 credits chosen from:

- FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives (3.00)
- FFAR 292 Cultural Studies and Creation in HIV/AIDS (3.00)
- FASS 393 Queer and Trans Studies and Culture (3.00)

6 credits chosen from one of the following streams:

Stream I: Interdisciplinary Studies in Sexuality Practicum

Stream II: Interdisciplinary Studies in Sexuality Advanced Coursework

18 credits chosen from the following courses, or other appropriate courses approved by the Institute:

- AHSC 312 Sexuality in Human Relations (3.00)

- ANTH 375 Social Construction of Sexualities (3.00)
- BIOL 200 Fundamentals of Human Biology (3.00)
- ENGL 393 Gender and Sexuality in Literary Studies (3.00)
- FASS 293 Sexual Representation in the Arts (3.00)
- FASS 298 Special Topics in Sexuality and the Arts (3.00)
- FASS 393 Queer and Trans Studies and Culture (3.00)
- FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives (3.00)
- FFAR 292 Cultural Studies and Creation in HIV/AIDS (3.00)
- FMST 391 Sexual Representation in Cinema (3.00)
- FMST 392 Queer Cinema I (3.00)
- FMST 393 Queer Cinema II (3.00)
- HIST 346 Sexuality in History (3.00)
- RELI 380 Religion and Sexuality (3.00)
- SOCI 375 Social Construction of Sexualities (3.00)
- SSDB 425 Ethics in Community Engagement (3.00)
- SSDB 428 Independent Study (3.00)
- SSDB 492 Seminar in Advanced Topics in Sexuality I (3.00)
- SSDB 493 Seminar in Advanced Topics in Sexuality II (3.00)
- WSDB 383 Lesbian Issues and Realities (3.00)
- WSDB 384 Queer Feminism (3.00)
- WSDB 385 Introduction to Trans Studies (3.00)
- WSDB 386 Framing the Prostitute (3.00)

Note: The following courses are cross-listed:

ANTH 375 and SOCI 375

Stream I: Interdisciplinary Studies in Sexuality Practicum (6 credits)

6 credits:
- SSDB 425 Ethics in Community Engagement (3.00)
- SSDB 426 Practicum (3.00)

Stream II: Interdisciplinary Studies in Sexuality Advanced Coursework (6 credits)

6 credits chosen from:
- SSDB 428 Independent Study (3.00)
- SSDB 492 Seminar in Advanced Topics in Sexuality I (3.00)
- SSDB 493 Seminar in Advanced Topics in Sexuality II (3.00)

Notes

- Several of the courses listed in this program are cross-listed. In cases where cross-listed courses appear, either version of the course may be applied towards the program requirements. Students may not, however, take both versions of a cross-listed course for credit.
- Students are responsible for satisfying their particular degree requirements.

Undergraduate Program Regular Curriculum Change - FA-FFAR-81 - VERSION : 5

Summary and Rationale for Changes

The Interdisciplinary Studies in Fine Arts area (FFAR/FASS), together with the Simone de Beauvoir Institute (WSDB-14), proposes the following curriculum changes. These changes are submitted in coordination with relevant changes in dossier AS-WSDB-4721.

The 6-credit course FFAR 290: HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic (crosslisted with SSDB 270 and SOCI 290) is being deleted. The current structure of the course no longer serves the pedagogical goals of the Interdisciplinary Studies in Fine Arts area and the Major and Minor in Sexuality Studies. It formerly contained a practicum component, which has been restructured within the Interdisciplinary Studies in Sexuality Major. This leaves 6-credits available to create new courses in FFAR/FASS that will benefit both Faculties (see below).

The 3-credit courses FFAR 292 Cultural Studies and Creation in HIV/AIDS and FASS 298 Special Topics in Sexuality and the Arts are created. The 6-credit course FFAR 290 that is deleted opens up six credits in the Interdisciplinary Studies in Fine Arts credit envelope. This allows for the introduction of the two new courses: FFAR 292 Cultural Studies and Creation in HIV/AIDS and FASS 298 Special Topics in Sexuality and the Arts. FFAR 292 is added to the list of required courses chosen from for the sexuality major, the second 3-credit course, FFAR 298 will be added to the list of classes students can choose from for their major and minor in sexuality. Additionally, the eConcordia course, FFAR 291 will be added into the list of required courses chosen from for the sexuality major, increasing course availability for both sexuality students and students seeking electives through the Interdisciplinary Studies in Fine Arts area (Section 81.30).

The study of HIV/AIDS is one of the strengths of the Sexuality Studies program and one of its distinctive features when compared to other similar programs offered in Canada. HIV/AIDS will remain the focus of one 3-credit course (FFAR 292), with the second 3-credit course offered as a special topics course in sexuality. The new HIV/AIDS course will complement the eConcordia course FFAR 291 (see below), which will maintain the availability of 6-credits of curricular content in HIV/AIDS for the sexuality program. The new special topics course will provide greater flexibility in the curriculum for interdisciplinary studies in sexuality, allowing the area to offer topical courses of interest to students that will provide content and learning outcomes that are appropriate for both sexuality Majors and Minors and students seeking elective courses in the Fine Arts Interdisciplinary areas.

FFAR 291/INTE 398 - HIV/AIDS: An Interdisciplinary Introduction to Scientific, Social and Cultural Aspects, an eConcordia course, has been identified for a redesign. The course was developed in 2013 and last redesigned in 2017, therefore it is timed for a refresh on eConcordia’s 5-year schedule for updating online courses. The new name, FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives keeps many of the same introductory foundations in the study of HIV/AIDS, but provides an anchor for the course topics in the 20th century to provide historical understandings of HIV/AIDS and to ensure consistency with course content given the rapid developments in matters relating to HIV/AIDS. The proposed name change will help ensure this course is complementary to the other 3-credit HIV/AIDS course offered, FFAR 292, and will remove the restriction on enrollment that has prevented sexuality students from taking the eConcordia course. As such, eConcordia FFAR 291 will be added into the course offerings for both Majors and Minors in Interdisciplinary Studies in Sexuality, which will increase available courses for students to complete their degree requirements and as a program elective in Sociology and Anthropology under the cross-listed numbers of SOCI 2910 and 292.

Lastly, FASS 392 Queer Theory is being deleted. With the available 3-credits, a new course is introduced, FASS 393 Queer and Trans Studies and Culture, to better reflect the general education needs of the

Interdisciplinary Studies in Fine Arts area and sexuality offerings. FASS 392 focused on specific authors and artists and the engagement with a very advanced theoretical area of scholarship that is difficult to teach consistently across disciplines when students without pre-requisites enroll in the course. Instead, the new course, FASS 393 Queer and Trans Studies and Culture will cover a range of topics introduced in the area of "Queer and Trans studies," which are subfields of the area of sexuality and gender. The new course will not have prerequisites, which had resulted in continued under-enrollment and excluded non-sexuality students from enrolling in FASS 392, which is in contradiction with the mandate of the Interdisciplinary Studies (FFAR/FASS) area in the Faculty of Fine Arts.

The new course, FASS 393 Queer and Trans Studies and Culture will serve a new role that better meets the needs of both the Interdisciplinary Studies in Fine Arts area and sexuality Majors and Minors. The course will cover general topics relating to queer studies and queer cultures, while the theory content of the former course will be moved into another course in the SSDB offerings, SSDB 392 Advanced Sexuality Theory (3-credits), to ensure sexuality students receive adequate theoretical training in their program.

FASS 392 was of interest to students across the Faculty of Fine Arts, while also being a program requirement for students enrolled in the Major and Minor in Interdisciplinary Studies in Sexuality. The new course, FASS 393 will now function as a required course chosen from the list of interdisciplinary courses for the Major and Minor in sexuality, giving students further options to facilitate their degree completion.

In sum, the above changes meet the growing demands for course options for Majors and Minors in sexuality, whose enrolment numbers exceed 200 students in 2022; and increase availability of courses that can be taken by students from other programs in the Interdisciplinary Studies in Fine Arts area without changing its credit allotment. No additional resources will be needed to make these curriculum changes.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Dr. Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Meeting, 18 Nov 2022

Approved by:

Dr. Annie Gerin, Dean, Faculty of Arts,
Faculty Council, 14 Oct 2022

The Faculty of Fine Arts Council has reviewed and approved the FFAR-81 curriculum dossier on October 14, 2022.

We hereby submit this dossier for review by the Academic Programs Committee on November 18, 2022.

There are no resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Dr. Annie Gerin, Dean, Faculty of Fine Arts,
Faculty Council, 14 Oct 2022

Approved by:

Dr. Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy, Office of the Dean, Faculty of Fine Arts,
Faculty Curriculum Committee, 07 Sep 2022

The Faculty of Fine Arts Curriculum Committee has reviewed and approved the FFAR-81 curriculum dossier on September 7, 2022.

We hereby submit this dossier for review by the Faculty Council on October 14, 2022.

There are no resource implications.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
FASS 298 New	X	X	X	X			X	X	X	
FASS 392 Queer Theory Delete	X	X	X	X	X		X	X	X	
FASS 393 Queer and Trans Studies and Culture New	X	X	X	X			X	X	X	
FFAR 290 Delete	X	X	X	X			X	X	X	X
FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives Change			X	X						X
FFAR 292 New	X	X	X	X		X	X	X	X	X

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sexuality Studies

Calendar Section Name: FASS 298
Calendar Section Type: Course
Description of Change: FASS 298 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Interdisciplinary Studies in Fine Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.30 Interdisciplinary Studies in Fine Arts > Interdisciplinary Fine Arts Courses > Fine Arts Interdisciplinary Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	FASS 298 Special Topics in Sexuality and the Arts (3 credits)
Prerequisites:	*Prerequisites:*
Description :	*Description :* This course offers a study of special topics at the intersection of sexuality and the arts.
Component(s):	*Component(s):* Lecture
Notes :	*Notes :*

Rationale:

This new course will take up 3 credits made available by the deletion of FFAR 290 6-credits, that focused on interdisciplinary studies in HIV/AIDS and focus on cultural and visual work.

Its contents will not require a pre-requisite.

Course topics and content will be determined on an annual basis in coordination with the Program Director for the Interdisciplinary Studies in Sexuality program and the area coordinator/head for the Fine Arts Interdisciplinary Cluster.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sexuality Studies

Calendar Section Name: FASS 392
Calendar Section Type: Course
Description of Change: FASS 392 Queer Theory Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Interdisciplinary Studies in Fine Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.30 Interdisciplinary Studies in Fine Arts > Interdisciplinary Fine Arts Courses > Interdisciplinary Studies in Sexuality Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~FASS 392 Queer Theory~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following course must be completed previously: SSDB 220 or SSDB 275. Students must complete 30 university credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.~~	
Description :	*Description :*
~~This course is a multidisciplinary survey of the basic post-1970 theories of sexual minorities and diversity, in their historical and cultural contexts. Authors from Michel Foucault to Eve Kosofsky Sedgwick are introduced, as well as the work of artists and performers from Derek Jarman to k.d. lang. The syllabus reflects the varying specializations of the instructors from year to year.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for INTE 392 may not take this course for credit.~~	**Equivalent Courses :**

Rationale:
FASS 392 Queer Theory is being deleted. With the available 3-credits, a new course is introduced, FASS 393 Queer and Trans Studies and Culture, to better reflect the general education needs of the Interdisciplinary Studies in Fine Arts area and sexuality offerings. FASS 392 focused on specific authors and artists and the engagement with a very advanced theoretical area of scholarship that is difficult to teach consistently across disciplines when students without pre-requisites enroll in the course. Instead, the new course, FASS 393 Queer and Trans Studies and Culture will cover a range of topics introduced in the area of “Queer and Trans studies,” which are subfields of the area of sexuality and gender. The new course will not have prerequisites, which had resulted in continued under-enrollment and excluded non-sexuality students from enrolling in FASS 392, which is in contradiction with the mandate of the Interdisciplinary Studies (FFAR/FASS) area in the Faculty of Fine Arts.

Resource Implications:

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sexuality Studies

Calendar Section Name: FASS 393
Calendar Section Type: Course
Description of Change: FASS 393 Queer and Trans Studies and Culture New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Interdisciplinary Studies in Fine Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.30 Interdisciplinary Studies in Fine Arts > Interdisciplinary Fine Arts Courses > Interdisciplinary Studies in Sexuality Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	FASS 393 Queer and Trans Studies and Culture (3 credits)
Prerequisites:	*Prerequisites:*
Description :	*Description :*
	This course surveys topics in queer, trans, and sexuality studies through the lens of culture. Examining queer and trans cultures alongside foundational texts in queer studies, trans studies, and related fields, the course considers contemporary thinking and cultural practices, such as: sexual and gender norms and identities, subcultural communities and practices, queer aesthetics and art, and queer activism and politics.
Component(s):	*Component(s):*
	Lecture
Notes :	*Notes :*

Rationale:
FASS 393 will serve a new role that better meets the needs of both the Interdisciplinary Studies in Fine Arts area and sexuality Majors and Minors. The course will cover general topics relating to queer studies and cultures, while the theory content of the former course will be moved into another course in the SSDB offerings to ensure sexuality students receive adequate theoretical training in their program. Currently, the course is of interest to students across the Faculty of Fine Arts, while also being a program requirement for students enrolled in the Major and Minor in Interdisciplinary Studies in Sexuality.

The new course, FASS 393 will now function as a required course chosen from the list of interdisciplinary courses for the Major and Minor in sexuality, giving students further options to facilitate their degree completion.

Resource Implications:
None.

D5

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sexuality Studies

Calendar Section Name: FFAR 290
Calendar Section Type: Course
Description of Change: FFAR 290 Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Interdisciplinary Studies in Fine Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.30 Interdisciplinary Studies in Fine Arts > Interdisciplinary Fine Arts Courses > Fine Arts Interdisciplinary Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~FFAR 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic~~ (~~6~~ credits) ~~(also listed as SOCI 290 / SSDB 270)~~	
Prerequisites:	*Prerequisites:*
Description : ~~This course surveys the major issues and challenges of the HIV pandemic. Such topics as the biology of the virus, therapeutic, clinical and epidemiological research developments, the social costs of sexual taboos and discrimination, and media and artistic representation by and of people with HIV are presented by faculty and visiting community experts. The epidemics in the Western hemisphere, Africa, Asia, and other regions are addressed. Learning is based on lectures, weekly tutorials, and community involvement.~~	*Description :*
Component(s): ~~Lecture~~	*Component(s):*
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for FFAR 390, INTE 270, INTE 390, SOCI 290 , SSDB 270 , or for this topic under a FFAR 398 , INTE 398 , or SOCI 399 number, may not take this course for credit.~~	**Equivalent Courses :**

Rationale:

This course no longer serves either Faculty in the 6 credit format. It formerly contained a practicum component, which has been restructured within the Interdisciplinary Studies in Sexuality Major. This leaves 6-credits available to create new courses in FFAR/FASS that will benefit both Faculties.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sexuality Studies

Calendar Section Name: FFAR 291
Calendar Section Type: Course
Description of Change: FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Interdisciplinary Studies in Fine Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.30 Interdisciplinary Studies in Fine Arts > Interdisciplinary Fine Arts Courses > Fine Arts Interdisciplinary Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FFAR 291 ~~HIV/AIDS: An Interdisciplinary Introduction to Scientific, Social and~~ Cultural ~~Aspects~~ (3 credits)	FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives (3 credits) (Also listed as SOCI 2910 .)
Prerequisites:	*Prerequisites:*
Description : This course is an interdisciplinary survey of the major issues and challenges of the AIDS ~~pandemic,~~ introducing students to a broadly based overview of its scientific, social and cultural impacts. ~~It also examines the interaction of personal and experiential perspectives with collective values, beliefs and behaviours in response to the health crisis worldwide and locally.~~ Students examine the history of the pandemic and responses to it by governments, medical authorities, businesses, religious and community groups, as well as artists and cultural producers. ~~Readings and requirements are diverse in nature and it is possible to submit creative work as part of the course assignments.~~	*Description :* This course is an interdisciplinary survey of the major issues and challenges of the AIDS pandemic before the year 2000, introducing students to a broadly based overview of its scientific, social and cultural impacts. Students examine the history of the pandemic and responses to it by governments, medical authorities, businesses, religious and community groups, as well as artists and cultural producers.
Component(s): Lecture	*Component(s):* Lecture
Notes : **Equivalent Courses :** Students who have received credit for FFAR 290 , FFAR 390, INTE 270, INTE 390, SOCI 290 , or for this topic under a INTE 398 , COMS 399 , or SOCI 399 number, may not take this course for credit.	*Notes :* **Equivalent Courses :** Students who have received credit for FFAR 290 , FFAR 390, INTE 270, INTE 390, SOCI 290 , SOCI 2910 , SSDB 270 or for this topic under a INTE 398 , COMS 399 , or SOCI 399 number, may not take this course for credit.

Rationale:

FFAR 291/INTE 398 - HIV/AIDS: An Interdisciplinary Introduction to Scientific, Social and Cultural Aspects, an eConcordia course, has been identified for a redesign. The course was developed in 2013 and last redesigned in 2017, therefore it is timed for a refresh on eConcordia's 5-year schedule for updating online courses.

D8

The new name, FFAR 291 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives keeps many of the same introductory foundations in the study of HIV/AIDS, but provides an anchor for the course topics in the 20th century to provide historical understandings of HIV/AIDS and to ensure consistency with course content given the rapid developments in matters relating to HIV/AIDS. The proposed name change will help ensure this course is complementary to the other 3-credit HIV/AIDS course offered, and will remove the restriction on enrollment that has prevented sexuality students from taking the eConcordia course. As such, eConcordia FFAR 291 will be added into the course offerings for both Majors and Minors in Interdisciplinary Studies in Sexuality, which will increase available courses for students to complete their degree requirements. FFAR 291 will also be added as a program elective in Sociology and Anthropology under the cross-listed numbers of SOCI 2910 and 292

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sexuality Studies

Calendar Section Name: FFAR 292
Calendar Section Type: Course
Description of Change: FFAR 292 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Interdisciplinary Studies in Fine Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.30 Interdisciplinary Studies in Fine Arts > Interdisciplinary Fine Arts Courses > Fine Arts Interdisciplinary Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	FFAR 292 Cultural Studies and Creation in HIV/AIDS (3 credits)
	(Also listed as SOCI 292.)
Prerequisites:	*Prerequisites:*
Description :	*Description :*
	This interdisciplinary course examines the cultural, creative, and artistic responses to HIV/AIDS. Through the lens of diverse historical and contemporary forms of expression, course content and class discussions focus on pandemic-related narratives relevant to the intersections of race, gender and sexuality.
Component(s):	*Component(s):*
	Lecture
Notes :	*Notes :*
Other note :	**Other note :** Students who have received credit for FFAR 290 , INTE 270, INTE 390, SOCI 290, SOCI 292 , SSDB 270, or for this topic under a FFAR 398, INTE 398, or SOCI 399 number, may not take this course for credit.

Rationale:

This proposed course addition will partially replace the former 6-credit offer that focused on interdisciplinary studies in HIV/AIDS and focus on cultural and visual work.

Its content will complement FFAR 291 but will not require it as a pre-requisite.

The focus on HIV/AIDS is important: it is one of the strengths of the Sexuality Studies program as well as one of its distinctive features.

Resource Implications:
None.

Impact Report

Programs

Minor in Interdisciplinary Studies in Sexuality
Source of Impact

- FASS 392
- FFAR 290
- FFAR 291

Defined Groups

Core: Interdisciplinary Studies in Sexuality
Source of Impact

- FASS 392
- FFAR 290

Optional Courses for Women's Studies
Source of Impact

- FFAR 290

Courses

FASS 298 New
Source of Impact

FASS 393 Queer and Trans Studies and Culture New
Source of Impact

FFAR 291
Source of Impact

- FFAR 290

FFAR 292 New
Source of Impact

- FFAR 290

SOCI 290
Source of Impact

- FFAR 290

SSDB 270
Source of Impact

- FFAR 290

Other Units

Addition of **SSDB 270** to **FFAR 291** requirement
Source of other unit Impact

- Course is housed in Section 31.560 Simone de Beauvoir Institute and Women’s Studies

Addition of **SOCI 2910** to **FFAR 291** requirement
Source of other unit Impact

- Course is housed in Section 31.310 Department of Sociology and Anthropology

Addition of **SOCI 2910** to **FFAR 291** requirement
Source of other unit Impact

- Course is housed in Section 31.310 Department of Sociology and Anthropology

Addition of **SOCI 292** to **FFAR 292** requirement
Source of other unit Impact

- Course is housed in Section 31.310 Department of Sociology and Anthropology

FFAR 292 Cultural Studies and Creation in HIV/AIDS
(3 credits) – abridged syllabus

Prerequisite

None

Description

This interdisciplinary course examines the cultural, creative, and artistic responses to HIV/AIDS. Through the lens of diverse forms of expression, course content and class discussions focus on pandemic related narratives relevant to the intersections of race, gender and sexuality.

Learning outcomes

By the end of the course students will be able to:

- Identify the role of HIV/AIDS in cultural studies and creative arts, media and culture
- Describe creative works that grapple with HIV/AIDS and its legacy
- Compare and contrast artistic and creative works dealing with HIV/AIDS
- Develop projects on HIV/AIDS that engage with creative approaches to the topic, including artistic or research-based projects

Assessments

- Group presentation (20%)
- Mid-term Paper (20%)
- Participation and attendance (10%)
- Final Project (50%)

FASS 393 Queer and Trans Studies and Culture (3 credits) – abridged syllabus

Prerequisite

None

Description

This course surveys topics in queer, trans, and sexuality studies through the lens of culture. Examining queer and Trans cultures alongside foundational texts in queer studies, Trans studies, and related fields, the course considers contemporary thinking and cultural practices, such as: sexual and gender norms and identities, subcultural communities and practices, queer aesthetics and art, and queer activism and politics.

Learning outcomes

By the end of the course students will be able to:

- Define central concepts relating to queer and trans studies
- Identify cultural phenomenon relating to queer and trans communities and people
- Describe queer and trans activist and political contexts
- Compare and contrast foundational texts in queer and trans studies
- Develop a project relating to queer and/or trans culture

Assessments

- Reading responses (20%)
- Participation and attendance (10%)
- Presentation (10%)
- Project proposal (10%)
- Final project or paper (50%)

From:	Aaron Brauer
To:	Academic Facilitator Fine Arts
Cc:	Natalie Kouri-Towe; Georges Dimitrov; Sabrina Sinanis; Elaine Cheasley Paterson; Nicole Freeman; Marc Lafrance; socanth
Subject:	RE: FFAR-81 update
Date:	September 13, 2022 11:53:59 AM

Hi Christopher,

Thank you for this.

Yesterday, my department assembly approved the creation of SOCI 291 and SOCI 292 to be cross-listed with FFAR 291 and FFAR 292 respectively. We will incorporate the changes that you highlighted in FFAR-81 in our proposal for the A&S Faculty Curriculum Committee.

Best regards,

Aaron

From: Natalie Kouri-Towe
To: Academic Facilitator Fine Arts; Elaine Cheasley Paterson
Subject: FA-FFAR-81 and AS-WSDB-4721 Dossiers
Date: September 26, 2022 3:27:56 PM

Dear Dr. Elaine Cheasley Paterson,

I am writing to confirm that the Simone de Beauvoir Institute has approved our corresponding curriculum changes in dossier AS-WSDB-4721, as per the impact report that followed the coordinated curriculum changes in dossier FA-FFAR-81. As you know, these changes were designed in collaboration between FoFA and the Interdisciplinary Studies in Sexuality program to help address ongoing needs in both FoFA and the sexuality program, and as such, we both acknowledge the changes and have ensured the corresponding curriculum in our unit reflects these changes as well.

Sincerely,
Natalie Kouri-Towe, PhD

Assistant Professor, Simone de Beauvoir Institute | Professeure adjointe, Institut Simone-De Beauvoir
Program and Practicum Director, Interdisciplinary Studies in Sexuality | Directrice de programme et des stages, Études interdisciplinaires de la sexualité
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http://www.concordia.ca/faculty/natalie-kouritowe.html
Zoom ID: https://concordia-ca.zoom.us/my/nataliekt

Undergraduate Program Regular Curriculum Change - AS-SOAN-5124 - VERSION : 4

Summary and Rationale for Changes

The Simone de Beauvoir Institute/Women's Studies Department in conjunction with the Faculty of Fine Arts is proposing curriculum changes to the Interdisciplinary Sexuality Studies programs that will affect one of our course offerings. SOCI 290 is offered as a six-credit course and is cross-listed with FFAR 290 and SSDB 270. The changes that SDB and FOFA are proposing will retire FFAR 290 from the calendar and as such, SOCI 290 will need to be retired well.

The changes to the Sexuality Studies program will also replace the six-credit FFAR 290 with a revised version of the existing FFAR 291 course and a new course FFAR 292, titled Cultural Studies and Creation in HIV/AIDS. Both of these courses are three credits.

Our proposal is to create two new courses, SOCI 291 and SOCI 292, which will be cross-listed with FFAR 291 and FFAR 292 respectively. This would allow our students to take either or both of these courses as SOCI courses and have them count as electives in their program in the same way that SOCI 290 counted. These courses also provide an option for students who might have taken SOCI 290.

There are no resource implication for these changes. The Department of Sociology and Anthropology will not be the prime for these courses and they will not be part of our course section allocation.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

The following proposal was presented under ASFC-2022-6M-I and approved at the Arts and Science Faculty Council meeting on October 28, 2022. We request that it be reviewed at the Academic Programs Committee on November 18, 2022 for the implementation in the 2023-24 Undergraduate Calendar. Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

The Faculty Curriculum Committee (FCC) supports the course changes proposed in this dossier and recommends that it be reviewed at the next Arts and Science Faculty Council. The Department of Sociology is proposing changes to SOCI 290 (cross-listed with FFAR 290 and SSDB 270) and the creation of two new courses, SOCI 291 and SOCI 292 (cross-listed with FFAR 291 and FFAR 292 respectively). These changes are made to align with the changes proposed by the Simone de Beauvoir Institute in dossier AS-WSDB-4721.

There are no resource implication for these changes. The Department of Sociology and Anthropology will not be the prime for these courses and they will not be part of the course section allocation for the Faculty of Arts and Science.

Summary of Committee Discussion: Department approval

For Submission to:

Richard Courtemanche, Associate Dean, Academic Programs Committee,
Faculty Curriculum Committee, 26 Sep 2022

Approved by:

Marc Lafrance, Chair, Sociology and Anthropology,
Department Assembly, 12 Sep 2022

This proposal was recommended by the DCC on August 19, 2022 and approved by the department assembly on September 12, 2022.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
SOCI 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic Delete	X	X	X	X		X	X	X	X	X
SOCI 2910 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives New	X	X	X	X			X	X	X	X
SOCI 292 Cultural Studies and Creation in HIV/AIDS New	X	X	X	X			X	X	X	X

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 cross listing added with FFAR

Calendar Section Name: SOCI 290
Calendar Section Type: Course
Description of Change: SOCI 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Sociology and Anthropology

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.310 Department of Sociology and Anthropology > Sociology Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~SOCI 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic~~ (~~6~~ credits)	
~~(also listed as SSDB 270 / FFAR 290)~~	
Prerequisites:	*Prerequisites:*
Description :	*Description :*
~~An interdisciplinary survey of the major issues and challenges of the HIV pandemic. Such topics as the biology of the virus, therapeutic, clinical and epidemiological research developments, the social costs of sexual taboos and discrimination, and media and artistic representation by and of people with HIV are presented by faculty and visiting community experts. The epidemics in the Western hemisphere, Africa, Asia, and other regions are addressed. Learning is based on lectures, weekly tutorials, and community involvement.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*
Equivalent Courses : ~~This course is equivalent to FFAR 290 , FFAR 390, INTE 270, INTE 390, and SSDB 270 . Students who have received credit for FFAR 290 , FFAR 390, INTE 270, INTE 390 or SSDB 270 may not take this course for credit. Students who have received credit for this topic under an FFAR 398 , INTE 398 , or SOCI 399 number may not take this course for credit. A crosslisted SOCI/ANTH course counts as either SOCI or ANTH as needed to satisfy the program requirements regardless of whether the student registered for the course as SOCI or ANTH.~~	**Equivalent Courses :**
Other note : ~~Entry requirements for Sociology/Anthropology crosslisted courses depend on the discipline through which the course was entered.~~	**Other note :**

D1

Rationale:

The Faculty of Fine Arts is removing FFAR 290 HIV/AIDS: Cultural, Social and Scientific Aspects of the Pandemic from their offerings (FA-FFAR-81). As it is cross-listed with SSDB 270 and SOCI 290, these course numbers will also be deleted.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 cross listing added with FFAR

Calendar Section Name: SOCI 2910
Calendar Section Type: Course
Description of Change: SOCI 2910 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Sociology and Anthropology

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.310 Department of Sociology and Anthropology > Sociology Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SOCI 2910 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives (3 credits) (also listed as FFAR 291)
Prerequisites:	*Prerequisites:*
Description :	*Description :* This course is an interdisciplinary survey of the major issues and challenges of the AIDS pandemic before the year 2000 , introducing students to a broadly based overview of its scientific, social and cultural impacts. Students examine the history of the pandemic and responses to it by governments, medical authorities, businesses, religious and community groups, as well as artists and cultural producers.
Component(s):	*Component(s):* Lecture
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for FFAR 290, FFAR 291, FFAR 390, INTE 270, INTE 390, SOCI 290, SSDB 270, or for this topic under an INTE 398, COMS 399, or SOCI 399 number may not take this course for credit.

Rationale:

This course will allow our students to study the social and cultural impact of HIV/AIDS in diverse settings and provide them with an opportunity to learn how this has affected different societies and cultures.

Resource Implications:
None. The prime for this course is FFAR 291.

D4

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 cross listing added with FFAR

Calendar Section Name: SOCI 292
Calendar Section Type: Course
Description of Change: SOCI 292 Cultural Studies and Creation in HIV/AIDS New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Sociology and Anthropology

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.310 Department of Sociology and Anthropology > Sociology Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SOCI 292 Cultural Studies and Creation in HIV/AIDS (3 credits) (also listed as FFAR 292)
Prerequisites:	*Prerequisites:*
Description :	*Description :* This interdisciplinary course examines the cultural, creative, and artistic responses to HIV/AIDS. Through the lens of diverse historical and contemporary forms of expression, course content and class discussions focus on pandemic-related narratives relevant to the intersections of race, gender and sexuality.
Component(s):	*Component(s):* Lecture
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for FFAR 290, FFAR 292, INTE 270, INTE 390, SOCI 290, SSDB 270, or for this topic under a FFAR 398, INTE 398, or SOCI 399 number may not take this course for credit.

Rationale:

This course will allow our students to study the social and cultural impact of HIV/AIDS in diverse settings and provide them with an opportunity to learn how this has affected different societies and cultures.

Resource Implications:
None. The prime for this course is in the Faculty of Fine Arts.

Impact Report

Programs

Minor in Interdisciplinary Studies in Sexuality
Source of Impact

- SOCI 290

Defined Groups

Core: Interdisciplinary Studies in Sexuality
Source of Impact

- SOCI 290

Optional Courses for Women's Studies
Source of Impact

- SOCI 290

Courses

FFAR 290
Source of Impact

- SOCI 290

FFAR 291
Source of Impact

- SOCI 290

SOCI 2910 HIV/AIDS in the 20th Century: Historical, Cultural and Interdisciplinary Perspectives New
Source of Impact

SOCI 292 Cultural Studies and Creation in HIV/AIDS New
Source of Impact

SSDB 270
Source of Impact

- SOCI 290

From: Elaine Cheasley Paterson
To: Nicole Freeman
Cc: Christopher Cooke
Subject: Re: FFAR 291, 292
Date: September 15, 2022 6:53:00 PM

Hi Nicole,

I'm writing to confirm that the Interdisciplinary Studies Area in Fine Arts supports the cross-listing of these FFAR courses with the SOCI codes and the listing the FFAR courses in The Simone de Beauvoir Institute programs.

Thanks,
Elaine

Elaine Cheasley Paterson, PhD (*she/her*)
Associate Dean, Academic Programmes and Pedagogy
Professor, Department of Art History
Faculty of Fine Arts, Concordia University, Montréal, EV 2.735
@mtlcraftprof

Latest book: Craft and Heritage: Intersections in Critical Studies and Practice (2021)

I acknowledge that Concordia University is located on unceded Indigenous lands. The Kanien'kehá:ka Nation is recognized as the custodians of the lands and waters called Tiohtià:ke/Montréal. Je reconnais que l'Université Concordia est située en territoire autochtone non cédé et que la nation Kanien'kehá:ka est la gardienne des terres et des eaux formant Tiohtià:ke/Montréal. [Indigenous Directions Leadership Council, Concordia University, February 2017]

Undergraduate Program Regular Curriculum Change - AS-ARTSCI-3281 - VERSION : 2

Summary and Rationale for Changes

In conjunction with the Student Academic Services unit, the Faculty of Arts and Science is making general revisions to Section 31 (Faculty of Arts and Science) of the Undergraduate Calendar. Specifically, sections pertaining to the faculty's objectives, studies in Arts and Science, programs and admissions requirements, mature student entry, extended credit program (ECP), degree requirements, graduation requirements, honours regulations (faculty regulations) and assessment of grade point average (AGPA) are modified for clarity. Courses requiring the option of an 'in progress' grade, are added or removed from the "IP Notations" course listing under Section 31.003.3.

Of note, students admitted with ECP conditions in the BA in Mathematics or BA in Therapeutic Recreation programs are no longer required to complete MATH 202 College Algebra. These departments support the removal of this requirement. In addition, a note specifying that the first 30 credits of a student's ECP program may not count towards their concentration courses is removed. These conditions are not enforced, and students should not be held back from graduating upon these grounds.

Consultation with academic units relative to these changes are attached in the support documents. There are no resource implications associated with these changes.

Undergraduate Program Regular Curriculum Change - AS-ARTSCI-3281 - VERSION : 2

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

The following proposal was presented under ASFC-2022-6M-C and approved at the Arts and Science Faculty Council meeting on October 28, 2022. We request that it be reviewed at the Academic Programs Committee on November 18, 2022 for the implementation in the 2023-24 Undergraduate Calendar. Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
IP Notations Change		X	

Regulation Changes:

- 31.001 Objectives Change
- 31.001 Studies in Arts and Science Change
- 31.002 Programs and Admission Requirements Change
- 31.002 BA, BSc, BEd Change
- 31.002 Mature Student Entry Change
- 31.002 Extended Credit Program Change
- 31.003 Degree Requirements Change
- 31.003 Graduation Requirements Change
- 31.003 Honours Regulations (Faculty Regulations) Change
- 31.003 Assessment Grade Point Average (AGPA) Requirements and Consequences Change

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Objectives
Calendar Section Type: Regulation
Description of Change: 31.001 Objectives Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.001 Faculty of Arts and Science

Present Text (from 2021) calendar	Proposed Text
Objectives	Objectives
The Faculty of Arts and Science is committed to responsible and innovative leadership in developing and disseminating knowledge and values, and encouraging constructive social criticism. The Faculty achieves these objectives through inclusive and accessible academic programs which stress a broad-based, interdisciplinary approach to learning. We are dedicated to superior teaching and research supported by excellence in scholarship and creative activity, and a tradition of service to the community. The Faculty of Arts and Science serves many interdependent academic communities in an urban environment where ~~students~~ and faculty can pursue their shared commitment to lifelong learning.	The Faculty of Arts and Science is committed to responsible and innovative leadership in developing and disseminating knowledge and values, and encouraging constructive social criticism. The Faculty achieves these objectives through inclusive and accessible academic programs which stress a broad-based, interdisciplinary approach to learning. We are dedicated to superior teaching and research supported by excellence in scholarship and creative activity, and a tradition of service to the community. The Faculty of Arts and Science serves many interdependent academic communities in an urban environment where students, staff, and faculty can pursue their shared commitment to lifelong learning.

Rationale:
Staff are are added to the last sentence as they also interact with students.

Resource Implications:
None.

D1

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Studies in Arts and Science
Calendar Section Type: Regulation
Description of Change: 31.001 Studies in Arts and Science Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.001 Faculty of Arts and Science

Present Text (from 2021) calendar	Proposed Text
Studies in Arts and Science	Studies in Arts and Science
The Faculty of Arts and Science encourages all students to explore beyond the boundaries of their programs of concentration. This is facilitated by the program structure and graduation requirements of the undergraduate degrees (see Section 31.002 Programs and Admission Requirements and Section 31.003 Degree Requirements). Undergraduate degrees normally require 90 credits of coursework, consisting of at least one program of concentration (major at 36 to 48 credits; specialization or honours at 60 or more credits). The balance of the degree requirements may be made up of one or ~~more~~ minors (24 to 30 credits), one or ~~more~~ elective groups (15 or 18 credits), or by courses selected from a broad spectrum of disciplines. Students are required to complete at least 24 credits outside their main discipline (defined in this context by the four-letter course prefix) in addition to their program requirements. Credits earned to meet the General Education requirement (see Section 31.004 General Education) may also be counted toward this 24-credit requirement. In programs leading to professional accreditation or in programs that include at least 12 credits from another discipline, the 24-credit requirement can be reduced to 18 credits.	The Faculty of Arts and Science encourages all students to explore beyond the boundaries of their programs of concentration. This is facilitated by the program structure and graduation requirements of the undergraduate degrees (see Section 31.002 Programs and Admission Requirements and Section 31.003 Degree Requirements). Undergraduate degrees normally require 90 credits of coursework, consisting of at least one program of concentration (major at 36 to 48 credits; specialization or honours at 60 or more credits). The balance of the degree requirements may be made up of one or two minors (24 to 30 credits), one or two elective groups (15 or 18 credits), or by courses selected from a broad spectrum of disciplines. Students electing for more than one minor may be required to surpass their regular credit requirement for graduation. Students are required to complete at least 24 credits outside their main discipline (defined in this context by the four-letter course prefix) in addition to their program requirements. Credits earned to meet the General Education requirement (see Section 31.004 General Education) may also be counted toward this 24-credit requirement. In programs leading to professional accreditation or in programs that include at least 12 credits from another discipline, the 24-credit requirement can be reduced to 18 credits.
Most major programs are relatively short, allowing maximal development of interests outside the area of concentration. Two areas of concentration can be combined in a double major. Even longer programs (specialization and honours) allow students to diversify their studies for up to one third of their degree requirements.	Most major programs are relatively short, allowing maximal development of interests outside the area of concentration. Two areas of concentration can be combined in a double major. Even longer programs (specialization and honours) allow students to diversify their studies for up to one third of their degree requirements.
Program structures thus permit students to obtain a judicious balance between concentrated study and exploration of broader interests. Department and Faculty advisors are available to help students develop a plan of study which accommodates their personal interests and satisfies degree requirements.	Program structures thus permit students to obtain a judicious balance between concentrated study and exploration of broader interests. Department and Faculty advisors are available to help students develop a plan of study which accommodates their personal interests and satisfies degree requirements.
	Programs of concentration and related minors are published in the Calendar entries for each of the disciplines in the Faculty (Section 31.010 Department of Applied Human Sciences onward). To facilitate innovative exploration outside these standard disciplines, the Faculty offers many alternatives. First,

Present Text (from 2021) calendar	Proposed Text
Programs of concentration and related minors are published in the Calendar entries for each of the disciplines in the Faculty (Section 31.010 Department of Applied Human Sciences onward). To facilitate innovative exploration outside these standard disciplines, the Faculty offers many alternatives. First, the University has established six Colleges (Section 31.520 Liberal Arts College to Section 31.560 Simone de Beauvoir Institute and Women's Studies) which foster various philosophies and methods of education on an intimate scale. Second, it has created majors which cross disciplinary boundaries (Southern Asia Studies and Women's Studies). In addition, selected students may create their own Individually Structured Program (Section 31.170 Interdisciplinary Studies) under the direction of the Faculty advisor. Finally, the Faculty offers cross-disciplinary minors (for example, Irish Studies, Southern Asia Studies, and Women's Studies) and a number of Interdisciplinary courses (Section 31.170 Interdisciplinary Studies) which may be chosen as electives in any program. A good education — balancing the development of expert knowledge in a narrow domain with broader academic experience — can be obtained in the Faculty of Arts and Science. The programs outlined are best considered as models of what can be planned by imaginative students and their academic advisors.	the University has established six Colleges (Section 31.520 Liberal Arts College to Section 31.560 Simone de Beauvoir Institute and Women's Studies) which foster various philosophies and methods of education on an intimate scale. Second, it has created majors which cross disciplinary boundaries (Southern Asia Studies and Women's Studies). In addition, selected students may create their own Individually Structured Program (Section 31.170 Interdisciplinary Studies) under the direction of the Faculty advisor. Finally, the Faculty offers cross-disciplinary minors (for example, Irish Studies, Southern Asia Studies, and Women's Studies) and a number of Interdisciplinary courses (Section 31.170 Interdisciplinary Studies) which may be chosen as electives in any program. A good education — balancing the development of expert knowledge in a narrow domain with broader academic experience — can be obtained in the Faculty of Arts and Science. The programs outlined are best considered as models of what can be planned by imaginative students and their academic advisors.

Rationale:

The Faculty of Arts and Science requests that there be a limit of two minors or elective groups that students may enroll in as part of their degree. A sentence is also added to make students aware that an additional minor may require them to surpass their credits required for graduation. The Faculty anticipates better times to degree completion with this guideline in place.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Programs and Admission Requirements
Calendar Section Type: Regulation
Description of Change: 31.002 Programs and Admission Requirements Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.002 Programs and Admission Requirements

Present Text (from 2021) calendar	Proposed Text
Programs and Admission Requirements	Programs and Admission Requirements
General admission requirements are listed in Section 13 Admission Regulations .	General admission requirements are listed in Section 13 Admission Regulations .
Specific requirements for admission to the various programs leading to the BA, BEd, and BSc degrees, and to certificates, are set out in the first column of the following listings. They refer to the table of Cegep pre-Arts and pre-Science profiles defined below. Students lacking one or more of these prerequisites may be admitted, but must include the designated prerequisites ~~among the first 30 credits of~~ their ~~undergraduate~~ program. In certain cases, the prerequisites must be taken in addition to the ~~undergraduate program.~~	Specific requirements for admission to the various programs leading to the BA, BEd, and BSc degrees, and to certificates, are set out in the first column of the following listings. They refer to the table of Cegep pre-Arts and pre-Science profiles defined below. Students lacking one or more of these prerequisites may be admitted, but must include the designated prerequisites in their degree program. In certain cases, the prerequisites must be taken in addition to the minimum degree requirements.
Profile Requirements	**Profile Requirements**
0.00 Diploma of Collegial Studies (DEC — Diplôme d'études collégiales).	0.00 Diploma of Collegial Studies (DEC — Diplôme d'études collégiales).
0.72 DEC or equivalent and appropriate teaching licence.	0.72 DEC or equivalent and appropriate teaching licence.
0.80	0.80
Full-time teaching position with an educational institution recognized by the Ministère de l'Éducation et de l'Enseignement supérieur (MEES) and a Provisional Teaching Authorization from the MEES.	Full-time teaching position with an educational institution recognized by the Ministère de l'Éducation et de l'Enseignement supérieur (MEES) and a Provisional Teaching Authorization from the MEES.
3.14 Biology 301, 401, 911, 921 or 101-NYA.	3.14 Biology 301, 401, 911, 921 or 101-NYA.
4.03 Social Science DEC plus Mathematics 300 and Biology 921 (Social Science DEC includes Introductory Psychology).	4.03 Social Science DEC plus Mathematics 300 and Biology 921 (Social Science DEC includes Introductory Psychology).
4.10 DEC in Humanities or equivalent. Any other DEC including courses in Psychology and Quantitative Methods or its equivalent.	4.10 DEC in Humanities or equivalent. Any other DEC including courses in Psychology and Quantitative Methods or its equivalent.
5.00 Natural Science DEC.	5.00 Natural Science DEC.
6.00	6.00
DEC intégré en sciences, lettres et arts.	DEC intégré en sciences, lettres et arts.
10.1 Mathematics 337 or 103 and 307 or 201-NYA; Biology 301, 401, 911, 921 or 101-NYA; Psychology 101 or 102.	10.1 Mathematics 337 or 103 and 307 or 201-NYA; Biology 301, 401, 911, 921 or 101-NYA; Psychology 101 or 102.
10.5 Two Cegep courses or equivalent in the language to be	10.5 Two Cegep courses or equivalent in the language to be studied. If these courses were not available at the Cegep attended, the student may be required to complete them at the university level.
	10.9

Present Text (from 2021) calendar	Proposed Text
studied. If these courses ~~have~~ not ~~been~~ available ~~in~~ the Cegep attended, the student may be required to complete them at the university level. 10.9 Mathematics 103 or 201-NYA and 203 or 201-NYB; Physics 101 or 203-NYA and 201 or 203-NYB and 301 or 203-NYC; Chemistry 101 or 202-NYA and 201 or 202-NYB; Biology 301 or 101-NYA. 10.10 Mathematics 103 or 201-NYA and 203 or 201-NYB and 105 or 201-NYC; Physics 101 or 203-NYA and 201 or 203-NYB and 301 or 203-NYC; Chemistry 101 or 202-NYA and 201 or 202-NYB; Biology 301 or 101-NYA. 10.12 Mathematics 103 or 201-NYA and 203 or 201-NYB and 105 or 201-NYC. 10.13 There are no particular requirements for graduates of an anglophone Cegep other than the DEC. Graduates of a francophone Cegep must hold a DEC with an advanced course in English or have an equivalent background in English. A: Interview E: Essay G: Letter of intent K: Submission of a portfolio of representative work N: English proficiency ~~test/Placement~~ test P: Competency in written and oral French, to be determined by a proficiency test, the results of which may lead to the rejection of the candidate or the requirement of additional university courses. Q: Competency in written and oral English, to be determined by a proficiency test, the results of which may lead to the rejection of the candidate or the requirement of additional university courses. +: Two letters of reference; Early Childhood and Elementary Education and Teaching English as a Second Language require three letters of reference.	Mathematics 103 or 201-NYA and 203 or 201-NYB; Physics 101 or 203-NYA and 201 or 203-NYB and 301 or 203-NYC; Chemistry 101 or 202-NYA and 201 or 202-NYB; Biology 301 or 101-NYA. 10.10 Mathematics 103 or 201-NYA and 203 or 201-NYB and 105 or 201-NYC; Physics 101 or 203-NYA and 201 or 203-NYB and 301 or 203-NYC; Chemistry 101 or 202-NYA and 201 or 202-NYB; Biology 301 or 101-NYA. 10.12 Mathematics 103 or 201-NYA and 203 or 201-NYB and 105 or 201-NYC. 10.13 There are no particular requirements for graduates of an anglophone Cegep other than the DEC. Graduates of a francophone Cegep must hold a DEC with an advanced course in English or have an equivalent background in English. A: Interview E: Essay G: Letter of intent K: Submission of a portfolio of representative work N: English proficiency test/placement test P: Competency in written and oral French, to be determined by a proficiency test, the results of which may lead to the rejection of the candidate or the requirement of additional university courses. Q: Competency in written and oral English, to be determined by a proficiency test, the results of which may lead to the rejection of the candidate or the requirement of additional university courses. +: Two letters of reference; Early Childhood and Elementary Education and Teaching English as a Second Language require three letters of reference.

Rationale:

The text no longer requires specified prerequisites be taken within the first 30 credits. This is not monitored nor applied.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: BA, BSc, BEd
Calendar Section Type: Regulation
Description of Change: 31.002 BA, BSc, BEd Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.002 Programs and Admission Requirements

Present Text (from 2021) calendar	Proposed Text
BA, BSc, BEd	BA, BSc, BEd
Program titles refer to honours, specialization and major components where these exist. Full information about the programs offered under each title (including combinations with programs in other disciplines) is to be found in the section of the Calendar specified in the third column below.	Program titles refer to honours, specialization and major components where these exist. Full information about the programs offered under each title (including combinations with programs in other disciplines) is to be found in the section of the Calendar specified in the third column below.
Profile Program Calendar Section	**Profile Program Calendar Section**
0.00 Adult Education Section 31.090.2 Adult Education Programs and Courses	0.00 Adult Education Section 31.090.2 Adult Education Programs and Courses
0.00 Anthropology Section 31.310 Department of Sociology and Anthropology	0.00 Anthropology Section 31.310 Department of Sociology and Anthropology
0.00 Anthropology and Sociology Section 31.310 Department of Sociology and Anthropology	0.00 Anthropology and Sociology Section 31.310 Department of Sociology and Anthropology
10.9/5.00/6.00 Biochemistry Section 31.050 Department of Chemistry and Biochemistry	10.9/5.00/6.00 Biochemistry Section 31.050 Department of Chemistry and Biochemistry
10.9/5.00/6.00 Biology Section 31.030 Department of Biology	10.9/5.00/6.00 Biology Section 31.030 Department of Biology
10.9/5.00/6.00 Biology (Cell and Molecular Biology) Section 31.030 Department of Biology	10.9/5.00/6.00 Biology (Cell and Molecular Biology) Section 31.030 Department of Biology
10.9/5.00/6.00 Biology (Ecology) Section 31.030 Department of Biology	10.9/5.00/6.00 Biology (Ecology) Section 31.030 Department of Biology
10.9/5.00/6.00 Biology (Environmental and Sustainability Science) Section 31.030 Department of Biology	10.9/5.00/6.00 Biology (Environmental and Sustainability Science) Section 31.030 Department of Biology
10.10/5.00/6.00 Biology (Systems and Information Biology) Section 31.030 Department of Biology	10.10/5.00/6.00 Biology (Systems and Information Biology) Section 31.030 Department of Biology
0.00 Certificate in Arts and Science Certificate in Arts and Science	0.00 Certificate in Arts and Science Certificate in Arts and Science
0.00 Certificate in Science Foundations Certificate in Science Foundations	0.00 Certificate in Science Foundations Certificate in Science Foundations
10.9/5.00/6.00 Chemistry Section 31.050 Department of Chemistry and Biochemistry	10.9/5.00/6.00 Chemistry Section 31.050 Department of Chemistry and Biochemistry
0.00 Child Studies Section 31.090 Department of Education	0.00 Child Studies Section 31.090 Department of Education
0.00 Classics Section 31.060 Department of Classics, Modern Languages and Linguistics	0.00 Classics Section 31.060 Department of Classics, Modern Languages and Linguistics
0.00A,E,G,K,+ Communication Studies Section 31.070	0.00A,E,G,K,+ Communication Studies Section 31.070 Department of Communication Studies
	0.00A,E,G,+ Communication and Cultural Studies Section 31.070 Department of Communication Studies

Present Text (from 2021) calendar	Proposed Text
Department of Communication Studies 0.00A,E,G,+ Communication and Cultural Studies Section 31.070 Department of Communication Studies	0.00A,P,Q Community, Public Affairs and Policy Studies Section 31.540 School of Community and Public Affairs 0.00G Community Service Section 31.010 Department of Applied Human Sciences
0.00A,P,Q Community, Public Affairs and Policy Studies Section 31.540 School of Community and Public Affairs	0.00G,K Creative Writing (see also English and Creative Writing) Section 31.100 Department of English
0.00G Community Service Section 31.010 Department of Applied Human Sciences	0.00A+ Early Childhood and Elementary Education Section 31.090 Department of Education
0.00G,K Creative Writing (see also English and Creative Writing) Section 31.100 Department of English	0.00 Economics Section 31.080 Department of Economics 0.00
0.00A+ Early Childhood and Elementary Education Section 31.090 Department of Education	Education: Adult Education
0.00 Economics Section 31.080 Department of Economics 0.00	Education (see Child Studies; Early Childhood and
Education: Adult Education	Elementary Education; Teaching English as a Second Language) Section 31.090.2 Adult Education Programs and Courses
Education (see Child Studies; Early Childhood and	0.00 English (see also Creative Writing; Professional Writing) Section 31.100 Department of English
Elementary Education; Teaching English as a Second Language) Section 31.090.2 Adult Education Programs and Courses	0.00G,K English and Creative Writing Section 31.100 Department of English 0.00 English and History Section 31.100 Department of English , Section 31.160 Department of History
0.00 English (see also Creative Writing; Professional Writing) Section 31.100 Department of English	0.00 English Literature Section 31.100 Department of English
0.00G,K English and Creative Writing Section 31.100 Department of English	10.5 Études françaises Section 31.110 Département d'études françaises
0.00 English and History Section 31.100 Department of English , Section 31.160 Department of History	10.5G Études françaises : Traduction (Spécialisation, Majeure) Section 31.110 Département d'études françaises
0.00 English Literature Section 31.100 Department of English	0.00 Études françaises : Langue française (Spécialisation, Majeure, Mineure, Certificat) Section 31.110 Département d'études françaises
10.5 Études françaises Section 31.110 Département d'études françaises	10.5 Études françaises : Littératures de langue française (Spécialisation, Majeure, Mineure) Section 31.110 Département d'études françaises
10.5G Études françaises : Traduction (Spécialisation, Majeure) Section 31.110 Département d'études françaises	10.5 Études françaises : Linguistique française (Mineure) Section 31.110 Département d'études françaises
0.00 Études françaises : Langue française (Spécialisation, Majeure, Mineure, Certificat) Section 31.110 Département d'études françaises	10.9/5.00/6.00 Exercise Science (Clinical Exercise Physiology, Athletic Therapy) Section 31.120 Department of Health, Kinesiology, and Applied Physiology
10.5 Études françaises : Littératures de langue française (Spécialisation, Majeure, Mineure) Section 31.110 Département d'études françaises	0.00G Family Life Education Section 31.010 Department of Applied Human Sciences 0.00
10.5 Études françaises : Linguistique française (Mineure) Section 31.110 Département d'études françaises	First Peoples Studies Section 31.540 School of Community and Public Affairs
10.9/5.00/6.00 Exercise Science (Clinical Exercise Physiology, Athletic Therapy) Section 31.120 Department of Health, Kinesiology, and Applied Physiology	French Studies — see Études françaises 0.00 Geography, Planning and Environment (BA), Human Environment Section 31.130 Department of Geography, Planning and Environment
0.00G Family Life Education Section 31.010 Department of Applied Human Sciences 0.00	10.9/5.00/6.00 Geography, Planning and Environment (BSc), Environmental Geography Section 31.130 Department of Geography, Planning and Environment 10.9/5.00/6.00
First Peoples Studies Section 31.540 School of Community and Public Affairs	Geography, Planning and Environment (BSc),
French Studies — see Études françaises	Environmental and Sustainability Science
0.00 Geography, Planning and Environment (BA), Human Environment	Section 31.130 Department of Geography, Planning and Environment 0.00 German Section 31.060 Department of Classics, Modern Languages and Linguistics
Section 31.130 Department of Geography, Planning and Environment	0.00 History Section 31.060 Department of Classics, Modern Languages and

Present Text (from 2021) calendar	Proposed Text
10.9/5.00/6.00 Geography, Planning and Environment (BSc), Environmental Geography Section 31.130 Department of Geography, Planning and Environment	Linguistics 0.00 History and English Section 31.160 Department of History , Section 31.100 Department of English 0.00G Human Relations Section 31.010 Department of Applied Human Sciences
10.9/5.00/6.00 Geography, Planning and Environment (BSc), Environmental and Sustainability Science Section 31.130 Department of Geography, Planning and Environment	Appropriate Interdisciplinary Studies — Individually Structured Program Section 31.170 Interdisciplinary Studies 0.00G Interdisciplinary Studies in Sexuality (Major) Section 31.560 Simone de Beauvoir Institute and Women's Studies
0.00 German Section 31.060 Department of Classics, Modern Languages and Linguistics	0.00 Interdisciplinary Studies in Sexuality (Minor) Section 31.560 Simone de Beauvoir Institute and Women's Studies 0.00 Irish Studies Section 31.530 School of Irish Studies
0.00 History Section 31.060 Department of Classics, Modern Languages and Linguistics	0.00 Italian Section 31.060 Department of Classics, Modern Languages and Linguistics
0.00 History and English Section 31.160 Department of History , Section 31.100 Department of English	0.00G,Q Journalism Section 31.180 Department of Journalism 0.00,G
0.00G Human Relations Section 31.010 Department of Applied Human Sciences	
Appropriate Interdisciplinary Studies — Individually Structured Program Section 31.170 Interdisciplinary Studies	Judaic Studies (Honours) Section 31.270 Department of Religions and Cultures
0.00G Interdisciplinary Studies in Sexuality (Major) Section 31.560 Simone de Beauvoir Institute and Women's Studies	0.00A,G Liberal Arts (Honours) Section 31.520 Liberal Arts College
0.00 Interdisciplinary Studies in Sexuality (Minor) Section 31.560 Simone de Beauvoir Institute and Women's Studies	0.00 Linguistics Section 31.060 Department of Classics, Modern Languages and Linguistics
0.00 Irish Studies Section 31.530 School of Irish Studies	10.12/6.00 Mathematics and Statistics (BA) Section 31.200 Department of Mathematics and Statistics
0.00 Italian Section 31.060 Department of Classics, Modern Languages and Linguistics	10.10/5.00/6.00 Mathematics and Statistics (BSc) Section 31.200 Department of Mathematics and Statistics
0.00G,Q Journalism Section 31.180 Department of Journalism 0.00,G Judaic Studies (Honours) Section 31.270 Department of Religions and Cultures	10.12/6.00 Mathematics (Actuarial — BA) Section 31.200 Department of Mathematics and Statistics 10.10/5.00/6.00 Mathematics (Actuarial — BSc) Section 31.200 Department of Mathematics and Statistics 10.12/6.00G Mathematics (Actuarial Mathematics/Finance — BA) Section 31.200 Department of Mathematics and Statistics
0.00A,G Liberal Arts (Honours) Section 31.520 Liberal Arts College	10.10/5.00/6.00G Mathematics (Actuarial Mathematics/Finance — BSc) Section 31.200 Department of Mathematics and Statistics
0.00 Linguistics Section 31.060 Department of Classics, Modern Languages and Linguistics	10.12/6.00 Mathematics (Computational Finance — BA) Section 31.200 Department of Mathematics and Statistics
10.12/6.00 Mathematics and Statistics (BA) Section 31.200 Department of Mathematics and Statistics	10.10/5.00/6.00 Mathematics (Computational Finance — BSc) Section 31.200 Department of Mathematics and Statistics
10.10/5.00/6.00 Mathematics and Statistics (BSc) Section 31.200 Department of Mathematics and Statistics	10.12/6.00 Mathematics (Pure and Applied — BA) Section 31.200 Department of Mathematics and Statistics
10.12/6.00 Mathematics (Actuarial — BA) Section 31.200 Department of Mathematics and Statistics	10.10/5.00/6.00 Mathematics (Pure and Applied — BSc) Section 31.200 Department of Mathematics and Statistics
10.10/5.00/6.00 Mathematics (Actuarial — BSc) Section 31.200 Department of Mathematics and Statistics	0.00 Pastoral Care Section 31.330 Department of Theological Studies 0.00 Philosophy Section 31.220 Department of Philosophy
10.12/6.00G Mathematics (Actuarial Mathematics/Finance — BA) Section 31.200 Department of Mathematics and Statistics	10.10/5.00/6.00 Physics Section 31.230 Department of Physics 0.00 Political Science Section 31.240 Department of Political Science
10.10/5.00/6.00G Mathematics (Actuarial Mathematics/Finance — BSc) Section 31.200 Department of Mathematics and Statistics	0.00N Professional Writing Section 31.100 Department of English 10.1/4.03/6.00/ 3.14 + 4.10 Psychology (BA) Section 31.250 Department of Psychology
10.12/6.00 Mathematics (Computational Finance — BA) Section 31.200 Department of Mathematics and Statistics	5.00/6.00/10.9 Psychology (BSc) Section 31.250 Department of Psychology
10.10/5.00/6.00 Mathematics (Computational Finance — BSc) Section 31.200 Department of Mathematics and Statistics	5.00/6.00/10.9 Neuroscience (BSc) Section 31.250 Department of Psychology 0.00G Recreation and Leisure Studies Section 31.010 Department of Applied

Present Text (from 2021) calendar	Proposed Text
10.12/6.00 Mathematics (Pure and Applied — BA) Section 31.200 Department of Mathematics and Statistics 10.10/5.00/6.00 Mathematics (Pure and Applied — BSc) Section 31.200 Department of Mathematics and Statistics 0.00 Pastoral Care Section 31.330 Department of Theological Studies 0.00 Philosophy Section 31.220 Department of Philosophy 10.10/5.00/6.00 Physics Section 31.230 Department of Physics 0.00 Political Science Section 31.240 Department of Political Science 0.00N Professional Writing Section 31.100 Department of English 10.1/4.03/6.00/ 3.14 + 4.10 Psychology (BA) Section 31.250 Department of Psychology 5.00/6.00/10.9 Psychology (BSc) Section 31.250 Department of Psychology 5.00/6.00/10.9 ~~Psychology (Behavioural~~ Neuroscience ~~Option)~~ Section 31.250 Department of Psychology 0.00G Recreation and Leisure Studies Section 31.010 Department of Applied Human Sciences 0.00,G Honours Religions and Cultures (Honours; see also Judaic Studies) Section 31.270 Department of Religions and Cultures 0.00 Sociology Section 31.310 Department of Sociology and Anthropology 0.00 Southern Asia Studies Section 31.270 Department of Religions and Cultures 0.00 Spanish, Hispanic Cultures and Literatures Section 31.060 Department of Classics, Modern Languages and Linguistics 10.12/6.00 Statistics (BA) Section 31.200 Department of Mathematics and Statistics 10.10/5.00/6.00 Statistics (BSc) Section 31.200 Department of Mathematics and Statistics 10.13 A,G,P,Q,+ Teaching English as a Second Language Section 31.090.1 Teaching English as a Second Language Programs and Courses 0.72 G,Q,+ Teaching of English as a Second Language (Certificate) Section 31.090.1 Teaching English as a Second Language Programs and Courses 0.00 Theological Studies (see also Pastoral Care) Section 31.330 Department of Theological Studies 3.14G Therapeutic Recreation Section 31.010 Department of Applied Human Sciences 0.00 Urban Planning Section 31.130.1 Urban Planning and Urban Studies Programs and Courses 0.00 Urban Studies Section 31.130.1 Urban Planning and Urban Studies Programs and Courses 0.00 Women’s Studies Section 31.560 Simone de Beauvoir Institute and Women’s Studies	Human Sciences 0.00,G Honours Religions and Cultures (Honours; see also Judaic Studies) Section 31.270 Department of Religions and Cultures 0.00 Sociology Section 31.310 Department of Sociology and Anthropology 0.00 Southern Asia Studies Section 31.270 Department of Religions and Cultures 0.00 Spanish, Hispanic Cultures and Literatures Section 31.060 Department of Classics, Modern Languages and Linguistics 10.12/6.00 Statistics (BA) Section 31.200 Department of Mathematics and Statistics 10.10/5.00/6.00 Statistics (BSc) Section 31.200 Department of Mathematics and Statistics 10.13 A,G,P,Q,+ Teaching English as a Second Language Section 31.090.1 Teaching English as a Second Language Programs and Courses 0.72 G,Q,+ Teaching of English as a Second Language (Certificate) Section 31.090.1 Teaching English as a Second Language Programs and Courses 0.00 Theological Studies (see also Pastoral Care) Section 31.330 Department of Theological Studies 3.14G Therapeutic Recreation Section 31.010 Department of Applied Human Sciences 0.00 Urban Planning Section 31.130.1 Urban Planning and Urban Studies Programs and Courses 0.00 Urban Studies Section 31.130.1 Urban Planning and Urban Studies Programs and Courses 0.00 Women’s Studies Section 31.560 Simone de Beauvoir Institute and Women’s Studies

Rationale:

The BSC Honours/Specialization in Psychology (Behavioural Neuroscience Option) is renamed to BSc Honours/Specialization in

Neuroscience (see proposal AS-PSYC-5021).

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Mature Student Entry
Calendar Section Type: Regulation
Description of Change: 31.002 Mature Student Entry Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.002 Programs and Admission Requirements

Present Text (from 2021) calendar	Proposed Text
Mature Student Entry Concordia University has a tradition of concern for the education of Mature students; it has always sought to assist students ~~of~~ 21 and over to undertake undergraduate studies. The staff of the Faculty of Arts and Science provide guidance and encouragement to all Mature Entry students as they begin the challenging journey of plunging into courses and programs in a very large urban university after what could have been years away from classes and studying. Mature students who are seeking first - year academic ~~counselling and~~ advice on returning to university studies are encouraged to contact the office of Student Academic Services of the Faculty of Arts and Science at 514-848-2424, ext. 2104.	Mature Student Entry Concordia University has a tradition of concern for the education of Mature students; it has always sought to assist students aged 21 and over to undertake undergraduate studies. The staff of the Faculty of Arts and Science provide guidance and encouragement to all Mature Entry students as they begin the challenging journey of plunging into courses and programs in a very large urban university after what could have been years away from classes and studying. Mature students who are seeking first - year academic advice on returning to university studies are encouraged to contact the office of Student Academic Services of the Faculty of Arts and Science at 514-848-2424, ext. 2104. See Section 14.1 Admission as a Mature Student for more information.

Rationale:
Editorial changes are made and a reference is added directing students to the Registrar's section of the calendar for further information regarding entry as a mature student.

Resource Implications:
None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Extended Credit Program
Calendar Section Type: Regulation
Description of Change: 31.002 Extended Credit Program Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.002 Programs and Admission Requirements

Present Text (from 2021) calendar	Proposed Text
Extended Credit ~~Program~~	Extended Credit Program
~~Students~~ admitted to BA and BEd Extended Credit Programs are required to complete an additional 30 credits ~~for the degree and must include~~ the ~~following 30 credits:~~	**BA and BEd Extended Credit Programs** Students admitted to BA and BEd Extended Credit Programs are required to complete an additional 30 credits to earn the degree.
~~30 elective credits, of which a maximum of 12 may be outside the Faculty of Arts and Science. Certain~~ departments in the Faculty have specific requirements. Students intending to follow programs ~~of concentration~~ within these departments must include the specified components as part of their program.	Certain departments in the Faculty have specific requirements. Students intending to follow programs within these departments must include the specified components as part of their degree program.
BA Mathematics: 9 credits in Mathematics — MATH 203 , MATH 204 , MATH 205	**BA Mathematics:** 9 credits in Mathematics — MATH 203 , MATH 204 , MATH 205
~~**Note:** Students not having MATH 202, or the equivalent, must take it in place of one of their elective courses.~~	
BA Psychology:	**BA Psychology:**
3 credits in Mathematics Courses	3 credits in Mathematics Courses
3 credits in ~~Biology Courses~~	3 credits in BIOL 201 or BIOL 202
6 credits in ~~Psychology Courses~~	6 credits in PSYC 200
BA Therapeutic Recreation: BIOL 200 or BIOL 201 or BIOL 202 , or equivalent	**BA Therapeutic Recreation:** BIOL 200 or BIOL 201 or BIOL 202 , or equivalent
	BSc Extended Credit Program
Students admitted to the BSc Extended Credit Program are required to complete an additional 30 credits for the BSc degree and must include the following 30 credits:	Students admitted to the BSc Extended Credit Program are required to complete an additional 30 credits for the BSc degree and must include the following 30 credits:
6 credits in CHEM 205 , CHEM 206	6 credits in CHEM 205 , CHEM 206
6 credits in MATH 203 , MATH 205	6 credits in MATH 203 , MATH 205
	12 credits in PHYS 204 , PHYS 205 , PHYS 206 , PHYS 224 , PHYS 225 ,

Present Text (from 2021) calendar	Proposed Text
12 credits in ~~Physics 204, 205, 206, 224, 225,~~ 226	PHYS 226
3 credits in BIOL 201	3 credits in BIOL 201
3 credits in MATH 204 for students intending to enter Systems and Information Biology, or programs of concentration in Mathematics or Physics; or electives for all other students	3 credits in MATH 204 for students intending to enter Systems and Information Biology, or programs of concentration in Mathematics or Physics; or electives for all other students
Notes - Students not ~~having~~ MATH 201 , or the equivalent, must take it in place of one of their elective courses. ~~- Students not having MATH 202 , or the equivalent, must take it in place of one of their elective courses.~~ ~~- Students in the BA, BEd or BSc Extended Credit Program may not count towards their programs of concentration courses taken as part of the first 30 credits.~~	**Notes** - Students who have not taken MATH 201 , or the equivalent, must take it in place of one of their elective courses.

Rationale:

Headings are added to distinguish information between the BA and BEd Extended Credit Programs (ECP) from the BSc Extended Credit Programs.

The sentence '30 elective credits, of which a maximum of 12 may be outside the Faculty of Arts and Science' is removed as this is outdated and has not been applied in many years. In practice, students often take, for example, a minor or elective groups outside of the faculty and are permitted to graduate.

Outdated notes removed as they are no longer applied and should therefore be removed from the calendar. Students rarely take MATH 202 and students would not be held back from graduating without it.

The ECP section is also updated to specify that BIOL 200 (Introductory Biology) or BIOL 202 (General Biology), and PSYC 200 (Introductory Psychology) are required for ECP students in the BA Psychology. Students who have not not received credit for or exemption from these courses at Cegep or other post-secondary institutions must take these course, but not for Psychology program credit. Notes to this appear in the course notes but should also be specified in the ECP section for clarity.

Tagging has been fixed to provide course links to specified courses.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Degree Requirements
Calendar Section Type: Regulation
Description of Change: 31.003 Degree Requirements Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.003 Degree Requirements

Present Text (from 2021) calendar	Proposed Text
Degree Requirements	Degree Requirements
In accordance with the recommendations of the Council of Universities of Quebec, the credit base takes into account the total activity of the student. A student preparing for the BA, BEd, or BSc degree takes a minimum of 90 credits. Each credit represents, for the average student, a minimum of 45 hours spread across lectures, conferences, tutorials, laboratories, studio or practice periods, tests, examinations, and personal work.	In accordance with the recommendations of the Council of Universities of Quebec, the credit base takes into account the total activity of the student. A student preparing for the BA, BEd, or BSc degree takes a minimum of 90 credits. Each credit represents, for the average student, a minimum of 45 hours spread across lectures, conferences, tutorials, laboratories, studio or practice periods, tests, examinations, and personal work.
Since the Cegep programs are designed to give all students the opportunity to explore different fields and thus acquire a broad general basis for further study, the undergraduate programs in the Faculty of Arts and Science require some degree of concentration in specific areas. Detailed statements about these ~~programs are made~~ under the appropriate disciplinary headings in the sections of the Calendar that follow this general account of degree requirements. They represent four main forms of concentration: the minor, ~~the~~ major, ~~the~~ specialization, and honours; and a fifth form, the certificate. The University's formal definitions of these ~~kinds of programs~~ are set out in Section 16.2.4 Concentration Requirements ~~for the convenience of students in Arts and Science, those definitions as they are construed in the Faculty are briefly repeated below.~~	Since the Cegep programs are designed to give all students the opportunity to explore different fields and thus acquire a broad general basis for further study, the undergraduate programs in the Faculty of Arts and Science require some degree of concentration in specific areas. Detailed statements about these concentrations can be found under the appropriate disciplinary headings in the sections of the Calendar that follow this general account of degree requirements. They represent four main forms of concentration: the minor, major, specialization, and honours; and a fifth form, the certificate. The University's formal definitions of these concentrations are set out in Section 16.2.4 Concentration Requirements .
The minor ~~is a program consisting~~ of a minimum of 24 specified ~~credits~~ either in a single discipline and ~~professing to give a basic introduction to~~ the methodology and key concepts of that ~~discipline~~ or on a theme spanning more than one discipline and providing a cross-disciplinary or interdisciplinary perspective. ~~A~~ minor ~~cannot in and~~ by ~~itself provide the concentration required of~~ a ~~candidate for~~ a ~~degree and is therefore always taken in combination with another program. In addition to the interdisciplinary and disciplinary minors available in Arts and Science, students may register with approval for selected minors in other Faculties.~~ Available Arts and Science interdisciplinary	The minor consists of a minimum of 24 specified credits, either in a single discipline and that introduces the methodology and key concepts of that discipline, or on a theme spanning more than one discipline and providing a cross-disciplinary or interdisciplinary perspective. The minor must be accompanied by a major, specialization or honours program from a different discipline. Available Arts and Science interdisciplinary and disciplinary minors are indicated in the Calendar entry of each department or in Section 31.170 Interdisciplinary Studies . In addition to the interdisciplinary and disciplinary minors available in Arts and Science, students may apply for a minor in other Faculties.
	The **Faculty of Arts and Science** and the **John Molson School of Business:**
	With the approval of the John Molson School of Business, Arts and Science students may take a Minor in Business Studies (see Section 61.140 Program Options for Non-Business Students).

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Present Text (from 2021) calendar	Proposed Text
and disciplinary minors are indicated in the Calendar entry of each department or in Section 31.170 Interdisciplinary Studies .	
The **Faculty of Arts and Science** and the **John Molson School of Business:**	The **Faculty of Arts and Science** and the **Gina Cody School of Engineering and Computer Science:**
With the approval of the John Molson School of Business, Arts and Science students may take a Minor in Business Studies (see Section 61.140 Program Options for Non-Business Students).	With the approval of the Gina Cody School of Engineering and Computer Science, Arts and Science students may take a Minor in Computer Science (see Section 71.70.5 Minor in Computer Science).
The **Faculty of Arts and Science** and the **Gina Cody School of Engineering and Computer Science:**	All minors in the **Faculty of Fine Arts** are open to suitably qualified students.
With the approval of the Gina Cody School of Engineering and Computer Science, Arts and Science students may take a Minor in Computer Science (see Section 71.70.5 Minor in Computer Science).	A **major** consists of a **minimum** of 36 specified credits taken in an approved sequence of courses. In certain programs, however, additional credits are required in cognate disciplines and departments. The major provides a solid grounding in the academic knowledge within the field of concentration. There is no minimum academic performance requirement for students to remain in a major after having met the entrance requirements; see, however, Section 31.520 Liberal Arts College .
All minors in the **Faculty of Fine Arts** are open to suitably qualified students.	Students with appropriate admission requirements, normally after completion of 24 credits, may request permission to be admitted to a second program of concentration in the Faculty, normally a major. Exceptionally, students may complete a second major in the Faculty of Fine Arts with permission of both Faculties. Students in a BSc or BEd may apply to add a second major from a program normally offered as part of a BA degree.
~~The~~ **major** consists of a **minimum** of 36 specified credits taken in an approved sequence of courses. ~~Normally within a major program not more than 36 credits are required from a single discipline or department.~~ In certain programs, however, additional credits are required in cognate disciplines and departments. The major provides a solid grounding in the academic knowledge ~~comprehended~~ within the field of concentration. ~~To enter and~~ remain in ~~it,~~ a ~~student normally does not have to meet a special performance requirement;~~ see, however, ~~Liberal Arts~~ Section 31.520 Liberal Arts College . ~~Students~~ with appropriate admission requirements, normally after completion of 24 credits, may request permission to be admitted to a second program of concentration in the Faculty, normally a major. Exceptionally, students may complete a second major in the Faculty of Fine Arts with permission of both Faculties. Students may apply to add a major program normally offered as part of a BA ~~degree to~~ a ~~BSc degree or BEd degree or vice-versa. Attainment of acceptable GPA and satisfactory academic standing~~ are ~~required. The Faculty of Arts and Science will consider favourably such requests~~ subject to admission quotas and the student ~~having~~ the ~~appropriate prerequisite and~~ admission ~~profile~~ (see Section 31.002 Programs and Admission Requirements) . The student record and official transcript indicate all ~~programs of concentration. Specific courses can only be used to fulfill the requirements of~~ one ~~program.~~	Requests for a second major are subject to admission quotas and the student meeting the admission requirements (see Section 31.002 Programs and Admission Requirements) . The student record and official transcript indicate all programs. However, students are awarded one degree at graduation (BA, BEd, BSc, and/or BFA).
~~Students completing the requirements of a BA,~~ BEd, BSc, and/or ~~BFA will elect one degree for graduation.~~	A **specialization** consists of a **minimum** of 60 specified credits in an approved sequence of courses. A specialization provides a comprehensive education in the program of study. Most specializations do not require a minimum academic performance; for those that have minimum academic performance, requirements are listed in the specific unit's calendar section. Students interested in subsequent “classification” by the Government of Quebec may be advised to follow a specialization or an honours program. Second programs of concentration (minor or major) may be combined with a specialization program according to regulations described above for those programs.
~~The~~ **specialization** consists of a **minimum** of 60 specified ~~credits, normally not more than 54~~ credits of ~~which are mandated from a single discipline or department.~~ A	An **honours** program consists of a **minimum** of 60 specified credits taken in an approved sequence of courses. Additional credits may be required in cognate disciplines and departments. Superior academic performance is required for admission to and continuation in the honours program, the precise level of such performance being determined by Senate. See Section 16.2.4 Concentration Requirements and **Faculty Honours Regulations** set out below for matters governing honours programs at Concordia. An honours degree or equivalent, because it testifies to a student’s comprehensive education in a particular field, intellectual commitment to that field, and achievement of a high level of academic performance, has

Present Text (from 2021) calendar	Proposed Text
specialization provides a comprehensive education in the ~~field~~ of ~~concentration, but to enter and remain in it, a student normally does~~ not ~~have to meet~~ a ~~special performance requirement unless otherwise indicated~~ in the ~~program.~~ Students interested in subsequent “classification” by the Government of Quebec may be advised to follow a specialization or an honours program. Second programs of concentration (minor or major) may be combined with a specialization program according to regulations described above for those programs. ~~The~~ **honours** program consists of a **minimum** of 60 specified credits taken in an approved sequence of courses. ~~Normally within an honours program not more than 60 credits are mandated from a single discipline or department in the Arts and 72 credits in the Sciences.~~ Additional credits may be required in cognate disciplines and departments. Superior academic performance is required for admission to and continuation in the honours program, the precise level of such performance being determined by Senate. See Section 16.2.4 Concentration Requirements and **Faculty Honours Regulations** set out below for matters governing honours programs at Concordia. An honours degree or equivalent, because it testifies to a student’s comprehensive education in a particular field, intellectual commitment to that field, and achievement of a high level of academic performance, has traditionally been required of entrants to postgraduate programs.	traditionally been required of entrants to postgraduate programs.

Rationale:

The calendar wording is revised for better clarity and application.

Outdated text relative to limits on the number of credits mandated from a single discipline or department is removed. These limits are not applied nor enforced.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Graduation Requirements
Calendar Section Type: Regulation
Description of Change: 31.003 Graduation Requirements Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.003 Degree Requirements

Present Text (from 2021) calendar	Proposed Text
Graduation Requirements	Graduation Requirements
- A candidate for graduation must have successfully completed a program of concentration in the form of an honours, specialization, or major program. - A candidate for graduation must have successfully completed at least 24 credits outside the single discipline defined by the four - letter course prefix from which the degree concentration has been chosen (for exceptions to the 24 - credit rule see section Section 31.001 Faculty of Arts and Science). ~~Within every block of 30 credits taken towards the degree, a student will normally choose no more than 24 credits from any one discipline or department.~~ ~~- A candidate for graduation must have successfully completed at least 18 credits from courses in Arts and Science in every block of 30 credits taken towards the degree.~~ - A candidate for the BA degree must have qualified for admission to, and successfully completed, a program leading to that degree. Specific admission requirements, expressed as Cegep pre - Arts profiles, are ~~given~~ in Section 31.002 Programs and Admission Requirements . Students wishing to transfer ~~out of~~ one degree ~~program into~~ another must satisfy the admission requirements of the program they seek to enter. ~~- Program students in the Faculty of Arts~~ and ~~Science may take ESL courses for credit, up to a maximum of six credits.~~ - A candidate for the BSc degree must have qualified for admission to, and successfully completed, a program leading to that degree. Specific admission requirements, expressed as Cegep pre - Science profiles, are ~~given~~ in Section 31.002 Programs and Admission Requirements . Students wishing to transfer ~~out of~~ one degree program ~~into~~ another must satisfy the admission requirements of the program they seek to enter. - A candidate for the BEd degree must have qualified for admission to, and successfully completed, the program leading to that degree. The admission and degree requirements are set out in Section 31.090.1 Teaching English as a Second Language	- A candidate for graduation must have successfully completed a program of concentration in the form of an honours, specialization, or major program. - A candidate for graduation must have successfully completed at least 24 credits outside the single discipline defined by the four - letter course prefix from which the degree concentration has been chosen (for exceptions to the 24 - credit rule see section Section 31.001 Faculty of Arts and Science). - A candidate for the BA degree must have qualified for admission to, and successfully completed, a program leading to that degree. Specific admission requirements, expressed as Cegep pre - Arts profiles, are listed in Section 31.002 Programs and Admission Requirements . Students wishing to transfer from one degree to another must satisfy the admission requirements of the degree program they seek to enter. See Section 31.002 Programs and Admission Requirements. - A candidate for the BSc degree must have qualified for admission to, and successfully completed, a program leading to that degree. Specific admission requirements, expressed as Cegep pre - Science profiles, are listed in Section 31.002 Programs and Admission Requirements . Students wishing to transfer from one degree program to another must satisfy the admission requirements of the degree program they seek to enter. - Program students in the Faculty of Arts and Science may take ESL courses for credit, up to a maximum of six credits. - A candidate for the BEd degree must have qualified for admission to, and successfully completed, the program leading to that degree. The admission and degree requirements are set out in Section 31.090.1 Teaching English as a Second Language Programs and Courses . - In general, the credits obtained for any course may not be used to satisfy the requirements of more than one program. Students first registered in certain certificate programs may however apply credits obtained towards the certificate to a degree program. - Independent students will be permitted to apply no more than 30 credits obtained as an Independent student towards any Arts and Science Faculty degree program. - Faculty of Arts and Science students must fulfill the General Education

Present Text (from 2021) calendar	Proposed Text
Programs and Courses . - In general, the credits obtained for any course may not be used to satisfy the requirements of more than one program. Students first registered in certain certificate programs may however apply credits obtained towards the certificate to a degree program. - Independent students will be permitted to apply no more than 30 credits obtained as an Independent student towards any Arts and Science Faculty degree program. - ~~Those students entering the~~ Faculty of Arts and Science ~~as degree~~ students ~~beginning in the academic year 2002-03~~ must fulfill the General Education requirement outlined in Section 31.004 General Education .	requirement outlined in Section 31.004 General Education .

Rationale:

Graduation requirements are modified to reflect what is currently applied. Historical references to when the General Education requirement was introduced are unnecessary and removed.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Honours Regulations (Faculty Regulations)
Calendar Section Type: Regulation
Description of Change: 31.003 Honours Regulations (Faculty Regulations) Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.003 Degree Requirements

Present Text (from 2021) calendar	Proposed Text
Honours Regulations (Faculty Regulations)	Honours Regulations (Faculty Regulations)
See also 16.2.4 Concentration Requirements under Section 16.2 Curriculum Regulations	See also 16.2.4 Concentration Requirements under Section 16.2 Curriculum Regulations
In order to qualify for an honours program, a student must comply with the regulations set forth below. - An honours student must meet the general program requirements, as well as the specific requirements for ~~an honours program.~~ A student must complete a minimum of 30 credits in the courses from the honours ~~component of the~~ program at ~~this~~ University to receive a degree with honours. In certain cases, these 30 credits may include ~~some~~ specific courses for which transfer ~~credit~~ may not be awarded. - Students who through their past studies have demonstrated a high level of performance may apply for direct entry to an honours program on admission. Information specific to the academic unit may be found in the Undergraduate Application for Admission. - Students already admitted to a program at Concordia University may apply for entry into an honours program with a minimum cumulative GPA of 3.30 (B+) and assessment GPA of 3.30 (B+). It is normally advisable that students have completed 30 Concordia credits in their program before applying for admission to the honours ~~program. Averages~~ are calculated on Concordia courses ~~only and some~~ departments may have a higher cumulative GPA and assessment GPA requirement. - All students must maintain a minimum cumulative GPA of 3.30 as well as a minimum assessment GPA of 3.30 within the honours program (some departments may have a higher cumulative GPA and assessment GPA requirement). The minimum acceptable grade in any course is normally “C.” - Students who are withdrawn from the honours program may proceed in the corresponding specialization or major program. Reinstatement in the honours program is possible only by appeal	In order to qualify for an honours program, a student must comply with the regulations set forth below. - An honours student must meet the general program requirements, as well as the specific requirements for honours. A student must complete a minimum of 30 credits in the courses from the honours program at Concordia University to receive a degree with honours. In certain cases, these 30 credits may include specific courses for which transfer credits may not be awarded. - Students who through their past studies have demonstrated a high level of performance may apply for direct entry to an honours program on admission. Information specific to the academic unit may be found in the Undergraduate Application for Admission. - Students already admitted to a program at Concordia University may apply for entry into an honours program with a minimum cumulative GPA of 3.30 (B+) and assessment GPA of 3.30 (B+). It is normally advisable that students have completed 24 to 30 Concordia credits in their program before applying for admission to the honours program, in consultation with their department. GPA's are calculated on the basis of Concordia courses only. Some departments may have a higher cumulative GPA and assessment GPA requirement. - All students must maintain a minimum cumulative GPA of 3.30 as well as a minimum assessment GPA of 3.30 within the honours program (some departments may have a higher cumulative GPA and assessment GPA requirement). The minimum acceptable grade in any course is normally “C.” - Students who are withdrawn from the honours program may proceed in the corresponding specialization or major program. Reinstatement in the honours program is possible only by appeal to the Faculty Honours Committee. - A student may qualify for only one honours degree in either a single or combined honours program. A student may qualify for a minor or major program in addition to an honours program. In general, the credits obtained for a particular course may be used to satisfy the requirements of only one

Present Text (from 2021) calendar	Proposed Text
to the Faculty Honours Committee. - A student ~~is allowed to~~ qualify for only one honours degree in either a single or combined honours program. A student may qualify for a minor or major program in addition to an honours program. In general, the credits obtained for a particular course may be used to satisfy the requirements of only one program.	program.
Students may appeal the determination of their status or interpretation of requirements in the honours program. Such appeals should be addressed to the Associate Dean, Student Academic Services. The Faculty of Arts and Science has an Honours Committee ~~made up as follows:~~ three faculty members; one undergraduate student member; one Student Academic Services ~~counsellor~~ (non - voting); one representative of the Office of the Registrar (non - voting); and the Associate Dean, Student Academic Services, who chairs the Honours Committee.	Students may appeal the determination of their status or interpretation of requirements in the honours program. Such appeals should be addressed to the Associate Dean, Student Academic Services. The Faculty of Arts and Science has an Honours Committee comprised of: three faculty members; one undergraduate student member; one Student Academic Services advisor (non - voting); one representative of the Office of the Registrar (non - voting); and the Associate Dean, Student Academic Services, who chairs the Honours Committee.
The Faculty Honours Committee considers applications ~~from~~ departmental honours advisors ~~submitted~~ on behalf of the ~~students for exceptions to the honours regulations.~~ It also adjudicates disputes between students and departments concerning honours programs. Since the Faculty Honours Committee cannot hear appeals contesting its own judgments, students and departments who wish to appeal a decision of the Faculty Honours Committee should address this appeal to the Dean of the Faculty.	The Faculty Honours Committee considers applications for exceptions to the honours regulations submitted by departmental honours advisors on behalf of the students. It also adjudicates disputes between students and departments concerning honours programs. Since the Faculty Honours Committee cannot hear appeals contesting its own judgments, students and departments who wish to appeal a decision of the Faculty Honours Committee should address this appeal to the Dean of the Faculty.

Rationale:

The calendar text is modified for clarity.

Resource Implications:
None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: Assessment Grade Point Average (AGPA) Requirements and Consequences
Calendar Section Type: Regulation
Description of Change: 31.003 Assessment Grade Point Average (AGPA) Requirements and Consequences Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.003 Degree Requirements > Section 31.003.1 Academic Performance Regulations

Present Text (from 2021) calendar	Proposed Text
Assessment Grade Point Average (AGPA) Requirements and Consequences	Assessment Grade Point Average (AGPA) Requirements and Consequences
See Section 16.3.10 Academic Performance under Section 16.3 Evaluation, Administrative Notations, Examinations, and Performance Requirements for definition of AGPA.	See Section 16.3.10 Academic Performance under Section 16.3 Evaluation, Administrative Notations, Examinations, and Performance Requirements for definition of AGPA.
Acceptable standing requires that a student obtain an AGPA of at least 2.00.	**Acceptable standing** requires that a student obtain an AGPA of at least 2.00.
Note: Although a “C-” grade (1.70 grade points) is designated as satisfactory in Section 16.1.11 Grading System under Section 16.1 General Information , an AGPA of 2.00 is required for acceptable standing.	**Note:** Although a “C-” grade (1.70 grade points) is designated as satisfactory in Section 16.1.11 Grading System under Section 16.1 General Information , an AGPA of 2.00 is required for acceptable standing.
Students in acceptable standing may continue their programs of study, following the advice of their academic departments.	Students in acceptable standing may continue their programs of study, following the advice of their academic departments.
Conditional standing results when a student obtains an AGPA of less than 2.00, but at least 1.50. A student is not permitted to obtain two consecutive conditional standing assessments.	**Conditional standing** results when a student obtains an AGPA of less than 2.00, but at least 1.50. A student is not permitted to obtain two consecutive conditional standing assessments.
Students in conditional standing may not write supplemental examinations.	Students in conditional standing may not write supplemental examinations.
Students in conditional standing ~~will not be permitted to register for further study until their program has been approved by the appropriate advisor in their department.~~ ~~They~~ must obtain acceptable standing at the time of their next assessment.	Students in conditional standing must obtain acceptable standing at the time of their next assessment.
Failed standing results when a student obtains an AGPA of less than 1.50, or conditional standing in two consecutive periods of	**Failed standing** results when a student obtains an AGPA of less than 1.50, or conditional standing in two consecutive periods of assessment. Students in failed standing may not write supplemental examinations. Students in failed standing are required to withdraw from their program. Students who are in failed standing for a second time will be dismissed from the University. In subsequent years, should they wish to return to University studies, they must contact the Student Academic Services of the Faculty of

Present Text (from 2021) calendar	Proposed Text
assessment. ~~Failed students~~ may not write supplemental examinations. ~~Failed students~~ are required to withdraw from their program. Students who are in failed standing for a second time will be dismissed from the University. In subsequent years, should they wish to return to University studies, they must contact the ~~Office~~ of the ~~Registrar~~ for information concerning conditions and procedures for seeking readmission. ~~Decisions of the relevant authority~~ in ~~the Faculty to which application is made are final.~~ ~~Failed students~~ who are not dismissed may apply for readmission through the Dean's Office of the Faculty to which they wish to be readmitted. If readmitted, they will be placed on academic probation. They must return to acceptable standing at the time of their next assessment. Other conditions will be determined at the time of readmission.	Arts and Science for information concerning conditions and procedures for seeking readmission. Students in failed standing who are not dismissed may apply for readmission through the Dean's Office of the Faculty to which they wish to be readmitted. If readmitted, they will be placed on academic probation. They must return to acceptable standing at the time of their next assessment. Other conditions will be determined at the time of readmission.

Rationale:

The calendar text is simplified for clarity.

The sentence "Students in conditional standing will not be permitted to register for further study until their program has been approved by the appropriate advisor in their department" is removed as this is no longer in practice.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 changes to Section 31

Calendar Section Name: IP Notations
Calendar Section Type: Defined group
Description of Change: IP Notations Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Faculty of Arts and Science

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Sep 2023
Effective/Push to SIS date: 01 Sep 2023
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.003 Degree Requirements > Section 31.003.3 In Progress "IP" Notations

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
IP Notations	**credits**	IP Notations
Students should refer to Section 16.3.6 In Progress “IP” Notations — Procedures and Regulations — Faculty of Arts and Science ~~under Section 16.3 Evaluation, Administrative Notations, Examinations, and Performance Requirements~~ for Procedures and Regulations. The In Progress “IP” notation is reserved for the following courses offered by the Faculty of Arts and Science:		0 Students should refer to Section 16.3.6 In Progress “IP” Notations — Procedures and Regulations — Faculty of Arts and Science for Procedures and Regulations. The In Progress “IP” notation is reserved for the following courses offered by the Faculty of Arts and Science:
~~ACTU~~ 492 Reading Course in Actuarial Mathematics (3)		0 ACTU 492 Reading Course in Actuarial Mathematics (3)
ACTU 493 Honours Project in Actuarial Mathematics (6)		ACTU 493 Honours Project in Actuarial Mathematics (6)
AHSC 434 Human Relations Capstone Experience (3)		AHSC 434 Human Relations Capstone Experience (3)
AHSC 436 Internship in Youth and Family Work (6)		AHSC 436 Internship in Youth and Family Work (6)
AHSC 437 Internship in Recreation and Leisure Studies (6)		AHSC 437 Internship in Recreation and Leisure Studies (6)
AHSC ~~438 Internship in Therapeutic Recreation (9)~~		AHSC 439 Internship in Human Relations (6)
~~AHSC~~ 439 Internship in Human Relations (6)		AHSC 483 Internship in Therapeutic Recreation (12)
ANTH 315 Field Research (6)		ANTH 315 Field Research (6)
ANTH 495 Honours Essay (6)		ANTH 495 Honours Essay (6)
BIOL 490 Independent Study (6)		BIOL 490 Independent Study (6)
CATA 365 Athletic Therapy Field Internship I (6)		CATA 365 Athletic Therapy Field Internship I (6)
CATA 475 Athletic Therapy Clinical Internship I (6)		CATA 475 Athletic Therapy Clinical Internship I (6)
CATA 485 Athletic Therapy Field Internship II (3)		CATA 485 Athletic Therapy Field Internship II (3)
CATA 495 Athletic Therapy Clinical Internship II (3)		CATA 495 Athletic Therapy Clinical Internship II (3)
		CHEM 419 Independent Study and Practicum (6)
		CHEM 450 Research Project and Thesis (6)

D23

Present Text (from 2021) calendar	Proposed Text
CHEM 419 Independent Study and Practicum (6)	COMS 394 Communication Studies Apprenticeship I (3)
CHEM 450 Research Project and Thesis (6)	COMS 395 Communication Studies Apprenticeship II (3)
COMS 394 Communication Studies Apprenticeship I (3)	COMS 496 Directed Study I (3)
COMS 395 Communication Studies Apprenticeship II (3)	COMS 497 Directed Study II (3)
COMS 496 Directed Study I (3)	ENGL 474 Honours Essay (3)
COMS 497 Directed Study II (3)	ENGL 480 Independent Studies (3)
ENGL 474 Honours Essay (3)	FTRA 420 Stage de formation : de l'anglais au français (6)
ENGL 480 Independent Studies (3)	FTRA 421 Stage de formation : du français à l'anglais (6)
FTRA 420 Stage de formation : de l'anglais au français (6)	FTRA 422 Stage de formation : de l'anglais au français I (3)
FTRA 421 Stage de formation : du français à l'anglais (6)	FTRA 423 Stage de formation : du français à l'anglais I (3)
FTRA 422 Stage de formation : de l'anglais au français I (3)	FTRA 424 Stage de formation : de l'anglais au français II (3)
FTRA 423 Stage de formation : du français à l'anglais I (3)	FTRA 425 Stage de formation : du français à l'anglais II (3)
FTRA 424 Stage de formation : de l'anglais au français II (3)	GEOG 490 Internship in Geography (3)
FTRA 425 Stage de formation : du français à l'anglais II (3)	GEOG 491 Honours Essay and Research Seminar (6)
GEOG 490 Internship in Geography (3)	HIST 304 Tutorial Preparation for the Honours Essay (3)
GEOG 491 Honours Essay (6)	HIST 486 Public History Internship (3)
HIST 304 Tutorial Preparation for the Honours Essay (3)	HIST 493 Honours Essay Tutorial (6)
HIST 493 Honours Essay Tutorial (6)	JOUR 450 Journalism Practicum (3)
JOUR 450 Journalism Practicum (3)	JOUR 451 Independent Study (3)
JOUR 451 Independent Study (3)	KCEP 383 Kinesiology and Clinical Exercise Physiology Internship I (3)
KCEP 383 Kinesiology and Clinical Exercise Physiology Internship I (3)	KCEP 483 Kinesiology and Clinical Exercise Physiology Internship II (3)
KCEP 483 Kinesiology and Clinical Exercise Physiology Internship II (3)	LOYC 420 Integrative Project (3)
MAST 398 Reading Course in Mathematics and Statistics (3)	LOYC 421 Directed and Independent Study (3)
MATH 495 Reading Course in Pure and Applied Mathematics (3)	MAST 398 Reading Course in Mathematics and Statistics (3)
MATH 496 Honours Project in Pure and Applied Mathematics (6)	MATH 495 Reading Course in Pure and Applied Mathematics (3)
PHYS 497 Specialization Research Project (3)	MATH 496 Honours Project in Pure and Applied Mathematics (6)
POLI 397 Internship (3)	PHYS 497 Specialization Research Project (3)
POLI 495 Honours Thesis (6)	POLI 397 Internship (3)
PSYC ~~311 Research Methods and Designs II (3)~~	POLI 495 Honours Thesis (6)
~~PSYC~~ 387 Directed Research in Psychology (3)	PSYC 387 Directed Research in Psychology (3)
PSYC 485 Specialization Project (6)	PSYC 485 Specialization Project (6)
PSYC 495 Honours Thesis (6)	PSYC 487 Advanced Directed Research in Psychology (3)
RELI 410 Honours Thesis (6)	PSYC 495 Honours Thesis (6)
RELI 496 Independent Studies in Religions and Cultures (3)	RELI 410 Honours Thesis (6)
SCOL 290 Directed and Independent Study I (3)	RELI 496 Independent Studies in Religions and Cultures (3)
SCOL 391 Directed and Independent Study II (6)	SCOL 290 Directed and Independent Study I (3)
SCOL 490 Directed and Independent Study III (6)	SCOL 391 Directed and Independent Study II (6)
SCPA 411 Internship (3)	
SOCI 409 Honours Seminar (6)	

Present Text (from 2021) calendar	Proposed Text
SOCI 415 Field Research (6)	SCOL 490 Directed and Independent Study III (6)
STAT 498 Reading Course in Statistics (3)	SCPA 411 Internship (3)
STAT 499 Honours Project in Statistics (6)	SOCI 409 Honours Seminar (6)
URBS 483 Directed Studies/Practicum in Urban Planning I (3)	SOCI 410 Research Design and Analysis (6)
URBS 484 Directed Studies/Practicum in Urban Planning II (3)	SOCI 415 Field Research (6)
WSDB 496 Directed Research (6)	STAT 498 Reading Course in Statistics (3)
	STAT 499 Honours Project in Statistics (6)
	THEO 404 Practicum in Pastoral Care (3)
	THEO 410 Honours Tutorial (3)
	THEO 460 Honours Essay (3)
	URBS 483 Directed Studies/Practicum in Urban Planning I (3)
	URBS 484 Directed Studies/Practicum in Urban Planning II (3)
	WSDB 496 Directed Research (6)

Rationale:

This listing is updated annually.

The removal of AHSC 438 and addition of AHSC 483 coincides with changes proposed for the 2023-24 Undergraduate Calendar under AS-AHSC-3001

HIST 486, LOYC 420, 421, PSYC 487, SOCI 410, and THEO 404, 410, 460 are existing courses and added at the academic units' request.

PSYC 311 is removed from the list as this course should not have an in-progress listing.

Resource Implications:

None.

Impact Report

Other Units

Addition of **THEO 404** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.330 Department of Theological Studies

Addition of **THEO 410** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.330 Department of Theological Studies

Addition of **THEO 460** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.330 Department of Theological Studies

Addition of **LOYC 420** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.525 Loyola College for Diversity and Sustainability

Addition of **SOCI 410** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.310 Department of Sociology and Anthropology

Addition of **HIST 486** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.160 Department of History

Addition of **PSYC 487** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.250 Department of Psychology

Addition of **AHSC 483** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.010 Department of Applied Human Sciences

Addition of **LOYC 421** to **IP Notations** requirement
Source of other unit Impact

- Course is housed in Section 31.525 Loyola College for Diversity and Sustainability

Addition of **Section 16.3.6 In Progress "IP" Notations — Procedures and Regulations — Faculty of Arts and Science** to **IP Notations** requirement
Source of other unit Impact

- Heading is housed in Academic Information: Definitions and Regulations

Addition of **Section 14.1 Admission as a Mature Student** to **Mature Student Entry** requirement
Source of other unit Impact

- Heading is housed in Mature Entry

Addition of **PHYS 204** to **Extended Credit Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 205** to **Extended Credit Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 206** to **Extended Credit Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 224** to **Extended Credit Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 225** to **Extended Credit Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 226** to **Extended Credit Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PSYC 200** to **Extended Credit Program** requirement
Source of other unit Impact

- Course is housed in Section 31.250 Department of Psychology

From: Associate Chair Math & Stats
To: Nicole Freeman
Cc: FAS Curriculum
Subject: Removal of MATH 202 from ECP and mature entry
Date: Tuesday, October 18, 2022 1:02:20 PM
Attachments: MATH 202 Changes_AS-ARTSCI-3281 (MS 22-6-D2).pdf

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Hi Nicole,

I wanted to give you an update that the proposal to remove MATH 202 from ECP and mature entry (attached) was passed unanimously at Department Council yesterday. The motion had also passed unanimously at our dept curriculum committee on September 26.

Lisa

Lisa Kakinami, Ph.D.
Associate Professor and Associate Chair
Department of Mathematics & Statistics
Concordia University

Nicole Freeman

From: Amy Kimball
Sent: Monday, May 30, 2022 2:38 PM
To: Nicole Freeman
Subject: FW: question regarding MATH 202

Follow Up Flag: Follow up
Flag Status: Flagged

From: Harald Proppe <hal.proppe@concordia.ca>
Sent: May 30, 2022 2:37 PM
To: Amy Kimball <amy.kimball@concordia.ca>
Subject: Re: question regarding MATH 202

Hi Amy,

I never got around to trying to remove the Note on the ECP page:

- Students not having MATH 202 , or the equivalent, must take it in place of one of their elective courses.

because it would probably have involved a fair amount of consultation and it was lower down on my priority list. I think it could be removed as a requirement for our programs (and for other A&S programs), but it is still a useful course for students to take as an elective.

If you can delete that Note, I think nobody would be unhappy about it.

I am looking forward to retiring; I enjoyed working with you on a few student and curriculum issues.

Best wishes,

Hal

Nicole Freeman

From: Robert Hopp
Sent: September 21, 2022 1:49 PM
To: Nicole Freeman
Cc: FAS Curriculum
Subject: Re: MATH 202 in Therapeutic Recreation

Hi Nicole,

AHSC is in agreement with this change, and I support the removal of MATH 202 from the BA Therapeutic Recreation program admission requirements.

Thanks, Rob

Robert Hopp
Acting Chair, AHSC

From: Nicole Freeman <nicole.freeman@concordia.ca>
Sent: Wednesday, September 21, 2022 1:43 PM
To: Robert Hopp <robert.hopp@concordia.ca>
Cc: FAS Curriculum <fas.curriculum@concordia.ca>
Subject: MATH 202 in Therapeutic Recreation

Hi Robert,

As discussed, MATH 202 is being removed as a requirement under the ECP program for the BA Mathematics and BA Therapeutic Recreation programs (Section 31. 002 *Programs and Requirements*). Can you provide confirmation that you have been consulted and that the Department of Applied Human Sciences is in agreement to this change (proposed AS-ARTSCI-3281)(extracted pages attached). The text being removed that pertains to your program appears under the notes section of the program's ECP requirements:

> Students not having MATH 202 , or the equivalent, must take it in place of one of their elective courses.
> - Students in the BA, BEd or BSc Extended Credit Program may not count towards their programs of concentration courses taken as part of the first 30 credits.

Kind regards,

Nicole Freeman
Administrator, Academic Programs
Faculty of Arts and Science
Concordia University
514-848-2424 ext. 2088
LOY-AD-224

Hybrid office hours 2022:
Monday, Tuesday, Wednesday – on campus (coordinates above)
Thursday, Friday – remote – contact via Teams or email

From:	Lucie Bonneville
To:	Nicole Freeman; Department of Psychology Chair
Cc:	FAS Curriculum
Subject:	RE: AS-ARTSCI-3281 ECP BA in Psychology
Date:	Wednesday, October 19, 2022 7:59:28 AM
Attachments:	image001.png image003.png

Hi Nicole

Yes, please change it! We have all been perplexed by the lack of consistency. I believe there was a change made in 1978 which ended up with this. Theresa and myself have been trying to have this changed. I have also been requesting the change so that it is reflected in the student's advisement report. I assume with this change in the calendar will allow for the report to change as well.

Thanks and have a wonderful day

Lucie

From: Nicole Freeman <nicole.freeman@concordia.ca>
Sent: October 18, 2022 3:47 PM
To: Lucie Bonneville <Lucie.Bonneville@concordia.ca>; Andrew Ryder <Andrew.Ryder@concordia.ca>
Cc: FAS Curriculum <fas.curriculum@concordia.ca>
Subject: AS-ARTSCI-3281 ECP BA in Psychology

Hi Lucie and Andrew,

In the Extended credit program section of the calendar (section 31.002 https://www.concordia.ca/academics/undergraduate/calendar/current/section-31-faculty-of-arts-and-science/section-31-002-programs-and-admission-requirements.html), students in the BA in Psychology are directed to take credits in Math, Biology and Psychology. Members of FCC (including Theresa Bianco at the time) pointed out awhile ago that the biology and psychology credits need to be more specific. We've made the changes so that they can be reflected in the 2023-24 calendar.

Current calendar:

> **BA Psychology:**
>
> 3 credits in Mathematics Courses
>
> 3 credits in Biology Courses
>
> 6 credits in Psychology Courses

Proposed:

BA Psychology:

3 credits in Mathematics Courses

3 credits in BIOL 201 or BIOL 202

6 credits in PSYC 200

Can you confirm that you are in agreement with these changes so that we have this on file?

Thanks as always,

Nicole

Nicole Freeman
Administrator, Academic Programs
Faculty of Arts and Science
Concordia University
514-848-2424 ext. 2088
LOY-AD-224

Hybrid office hours 2022:
Monday, Tuesday, Wednesday – on campus (coordinates above)
Thursday, Friday – remote – contact via Teams or email

Nicole Freeman

From: Robert Hopp
Sent: September 22, 2022 10:35 AM
To: Nicole Freeman
Cc: FAS Curriculum
Subject: Re: AS-ARTSCI-3281 (AHSC 438 removed, 483 added)

Hi Nicole,

Yes, these changes are correct.

Thanks, Rob

From: Nicole Freeman <nicole.freeman@concordia.ca>
Sent: Wednesday, September 21, 2022 2:47:51 PM
To: Robert Hopp <robert.hopp@concordia.ca>
Cc: FAS Curriculum <fas.curriculum@concordia.ca>
Subject: AS-ARTSCI-3281 (AHSC 438 removed, 483 added)

Hi Robert,

Can you confirm that the IP entries proposed for the 2023-24 Undergraduate Calendar correspond with your department's listing?

The rationale for these changes is that the deletion of AHSC 438 and addition of AHSC 483 coincides with changes moving forward under AS-AHSC-3001 (currently at Faculty Council.) Please advise if any other changes are required to this listing. Below is a snippet of the proposed calendar change:

IP Notations

Students should refer to ~~Section 16.3.6 In Progress "IP" Notations — Procedures and Regulations — Faculty of Arts and Science under Section 16.3 Evaluation, Administrative Notations, Examinations, and Performance Requirements~~ for Procedures and Regulations.
The In Progress "IP" notation is reserved for the following courses offered by the Faculty of Arts and Science:

ACTU 492 Reading Course in Actuarial Mathematics (3)
ACTU 493 Honours Project in Actuarial Mathematics (6)
AHSC 434 Human Relations Capstone Experience (3)
AHSC 436 Internship in Youth and Family Work (6)
AHSC 437 Internship in Recreation and Leisure Studies (6)
AHSC ~~438 Internship in Therapeutic Recreation (9)~~
~~AHSC~~ 439 Internship in Human Relations (6)
ANTH 315 Field Research (6)
ANTH 495 Honours Essay (6)
BIOL 490 Independent Study (6)
CATA 365 Athletic Therapy Field Internship I (6)

Students should refer to §16.3.6 for Procedures and Regulations.
The In Progress "IP" notation is reserved for the following courses offered by the Faculty of Arts and Science:

ACTU 492 Reading Course in Actuarial Mathematics (3)
ACTU 493 Honours Project in Actuarial Mathematics (6)
AHSC 434 Human Relations Capstone Experience (3)
AHSC 436 Internship in Youth and Family Work (6)
AHSC 437 Internship in Recreation and Leisure Studies (6)
AHSC 439 Internship in Human Relations (6)
AHSC 483 Internship in Therapeutic Recreation (12)
ANTH 315 Field Research (6)
ANTH 495 Honours Essay (6)
BIOL 490 Independent Study (6)
CATA 365 Athletic Therapy Field Internship I (6)
CATA 475 Athletic Therapy Clinical Internship I (6)
CATA 485 Athletic Therapy Field Internship II (3)
CATA 495 Athletic Therapy Clinical Internship II (3)

Kind regards,

Nicole Freeman
Administrator, Academic Programs

Nicole Freeman

From: Shannon McSheffrey
Sent: September 21, 2022 8:13 AM
To: Nicole Freeman
Cc: Donna Whittaker; Alycia Manning; FAS Curriculum
Subject: Re: In progress courses in 2023-24 calendar

Hi Nicole –

Yes, please add HIST 486 to our list, and we have no courses to remove.

Thanks,

Shannon

--
Shannon McSheffrey
Professor of History
Concordia University, Montreal

From: Nicole Freeman <nicole.freeman@concordia.ca>
Date: Tuesday, September 20, 2022 at 4:42 PM
To: Shannon McSheffrey <Shannon.McSheffrey@concordia.ca>
Cc: Donna Whittaker <donna.whittaker@concordia.ca>, Alycia Manning <alycia.manning@concordia.ca>, FAS Curriculum <fas.curriculum@concordia.ca>
Subject: In progress courses in 2023-24 calendar

Re. updates to Section 31.003.3 In Progress \"IP\" Notations

(https://www.concordia.ca/academics/undergraduate/calendar/current/section-31-faculty-of-arts-and-science/section-31-003-degree-requirements.html)

Hi Shannon,

We are presenting changes to the 'IP listing' under section 31 of the calendar.

I have the following courses to be added to your department listing: HIST 486
We are removing the following courses from the listing: n/a

Can you confirm this to be correct? We will be sending out the documentation to FCC tomorrow, however, we can always add or remove courses from the listing prior to the meeting next Monday.

Thanks as always,

Nicole

Nicole Freeman

Nicole Freeman

From: Rebecca Tittler
Sent: September 22, 2022 11:52 AM
To: Nicole Freeman
Cc: FAS Curriculum
Subject: RE: ARTSCI-3281 LOYC 421 to IP listing

Hi Nicole-
LOYC 420 should actually be on the IP list as well.
Best
Rebecca

Rebecca Tittler, Ph.D.
Lecturer, Loyola College for Diversity and Sustainability and Departments of Biology and Geography, Planning and Environment
Academic Advisor and Coordinator, Loyola College for Diversity and Sustainability
Research Administration Coordinator, Loyola Sustainability Research Centre
Faculty of Arts and Science
Concordia University

Tel: (514) 848-2424 ext. 2125

I acknowledge that Concordia University is located on unceded Indigenous lands. The Kanien'kehá:ka Nation is recognized as the custodians of the lands and waters we now call Montreal.

To reduce your environmental footprint, please delete emails whenever possible.

From: Nicole Freeman <nicole.freeman@concordia.ca>
Sent: September 22, 2022 10:52 AM
To: Rebecca Tittler <rebecca.tittler@concordia.ca>
Cc: FAS Curriculum <fas.curriculum@concordia.ca>
Subject: ARTSCI-3281 LOYC 421 to IP listing

Good morning Rebecca,

We've added LOYC 421 to the IP listing further to a request you made earlier this year. Can you confirm that this is the only addition from the College? It will be included in the ARTSCI-3281 dossier.

Best,

Nicole Freeman
Administrator, Academic Programs
Faculty of Arts and Science
AD-224
(514) 848-2424 ext. 2088

I am currently working on a hybrid schedule. You can also reach me via Teams.

Nicole Freeman

From: Lucie Bonneville
Sent: September 21, 2022 6:39 PM
To: Nicole Freeman
Cc: Department of Psychology Chair; Psychology Undergraduate Program; Psychology DA; FAS Curriculum
Subject: Re: AS-ARTSCI-3281 and removal of PSYC 311 from IP listings.

Hi Nicole

I will confirm that PSYC 311 should not have the IP grade.

The list is good except the IP grade should also be available for the following course
PSYC 487
This course is also a directed research course similar to PSYC 387.

Thanks
Lucie

Lucie Bonneville, PhD
Undergraduate Program Director
Dept of Psychology
Concordia University
PY139-4

> On Sep 21, 2022, at 4:55 PM, Nicole Freeman <nicole.freeman@concordia.ca> wrote:
>
> Hi Andrew,
>
> We are updating the 'IP notation' listing in Section 31 of the calendar. Theresa Bianco mentioned at our FCC meeting in June that PSYC 311 should not be included in this listing. We have therefore removed it. Can you or the UPD confirm that this is appropriate so that we may have your consent in our support documentation? Below is a snippet of the only change in the Psychology listing:

From:	Aaron Brauer
To:	Nicole Freeman
Subject:	SOCI 410 to be included in the IP Notations in section 31 of the Calendar - AS-ARTSCI-3281
Date:	Monday, October 3, 2022 1:12:16 PM

Hi Nicole,

This is to confirm that SOCI 410 (6) Research Design and Analysis, should be included in the list of courses for IP Notations in Section 31 of the Calendar. It should be listed immediately before SOCI 415 (6).

Many thanks,

Aaron

Aaron Brauer, Senior Lecturer & Undergraduate Programs Director| Department of Sociology and Anthropology, H1125-63 | Concordia University | 1455 boul. de Maisonneuve O. | Montréal, QC, Canada | H3G 1M8 | P: 514.848.2424 x. 7333| F: 514.848.4539

Nicole Freeman

From: Marie-France Dion
Sent: September 21, 2022 2:27 PM
To: Nicole Freeman
Cc: FAS Curriculum
Subject: RE: In Progress notations listing (THEO 404, 410, 460)

You got it Nicole. That's all there was.
MF

From: Nicole Freeman <nicole.freeman@concordia.ca>
Sent: Wednesday, September 21, 2022 2:10 PM
To: Marie-France Dion <m-f.dion@concordia.ca>
Cc: FAS Curriculum <fas.curriculum@concordia.ca>
Subject: In Progress notations listing (THEO 404, 410, 460)

Hi Marie-France,

I hope all is well with you during this busy start to the term. I have a reminder to add THEO 404, 410 and 460 into our 'In Progress' course listing but I can't seem to locate an email supporting this request. Can you confirm that these are the courses that should be added to the listing?

Attached are the proposed changes to this section going to FCC next week to make the 2023-24 calendar.

Best,

Nicole Freeman
Administrator, Academic Programs
Faculty of Arts and Science
Concordia University
514-848-2424 ext. 2088
LOY-AD-224

Hybrid office hours 2022:
Monday, Tuesday, Wednesday – on campus (coordinates above)
Thursday, Friday – remote – contact via Teams or email

Concordia University
Arts and Science

INTERNAL MEMORANDUM

TO: Dr. Richard Courtemanche, Associate Dean Academic Programs

FROM: Dr. Marie-France Dion, Chair, Department of Theological Studies

DATE: December 14, 2020

SUBJECT: Undergraduate Calendar Curriculum changes

Faculty members of the Department of Theological Studies met on December 14, 2020, to vote on the addition of three courses to the In Progress "IP" Notation list in the Undergraduate Calendar, as was proposed by the Department's Curriculum Committee.

These three courses consist of non-course component courses such as a practicum (THEO 404), the Honours tutorial (THEO 410) and the Honours essay (THEO 460). The addition of these courses to the In Progress "IP" Notation list will facilitate late completion requests in the case where a third party involvement in the course work makes it impossible for the student to complete the work before the end of the semester.

Thank you for your consideration and please do not hesitate to contact me if further information or clarifications are required.

Sincerely,

Marie-France Dion
Chair, Department of Theological Studies

Undergraduate Program Regular Curriculum Change - AS-CHEM-4082 - VERSION : 4

Summary and Rationale for Changes

The proposed curriculum changes included here were approved at the Chemistry and Biochemistry Departmental Meeting on March 14th, 2022.

These changes were primarily to standardize and clarify prerequisites and to update course descriptions to more precisely define course content and reflect the change to 12-week terms. Specifically, the prerequisites for CHEM 283 *Air, Water and Soil Processes*, CHEM 411 *Advanced Analytical Chemistry*, CHEM 412 *Analytical Separations* (new course number), CHEM 414 *Modern Aspects of Mass Spectrometry: Metabolomics and Proteomics* and CHEM 458 *Aquatic Biogeochemistry* were simplified and standardized, but not changed in substance. The prerequisite for CHEM 312 *Intermediate Analytical Chemistry* was modified to allow students who completed CHEM 212 *Analytical Chemistry for Biologists* (existing course title) as part of a Biology or Geography, Planning and Environment program to expand their knowledge of analytical chemistry.

In terms of course description changes, both CHEM 205 *General Chemistry I* and CHEM 206 *General Chemistry II* were modified to ensure consistent language was used between the two courses, the current content was accurately reflected, and changes brought about by the reduced term length were incorporated. For CHEM 217 *Introductory Analytical Chemistry I* a new topic, chromatography, was added such that students graduating with a major would be introduced to this technique. For CHEM 312 *Intermediate Analytical Chemistry*, an opening sentence was added placing this course in the context of the introductory analytical chemistry courses that precede it.

Two course notes were changed. The note to CHEM 203 *Forensic Analyses* was modified to indicate more directly that this course is not intended for students in Chemistry or Biochemistry programs. The note in CHEM 205 *General Chemistry I* directing students to CHEM 208 *Chemistry in Our Lives* has been removed as CHEM 208 has not been offered since Winter 2017 and we do not expect to offer it again.

The title and course description change in CHEM 212 (*Analytical Chemistry for Biologists* course title changed to *Analytical Chemistry for Biology and Environmental and Sustainability Science Students*) reflect the broader audience for this course as it now is a course in programs in both Biology and in Geography, Planning and Environment.

Finally, the CHEM 415 *Analytical Separations* course number will be changed to CHEM 412 *Analytical Separations* to fit a logical progression of analytical chemistry courses from CHEM 212 to CHEM 312 to CHEM 412.

There are no resource implications linked to any of these changes.

Undergraduate Program Regular Curriculum Change - AS-CHEM-4082 - VERSION : 4

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 14 Oct 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 23 Sep 2022

The following proposal was presented under ASFC-2022-5M-E and approved at the Arts and Science Faculty Council meeting on September 23, 2022. There was discussion regarding the clarity of a note change under CHEM 205. With the understanding that this would be reviewed and updated, the dossier passed. We request that it be reviewed at the Academic Programs Committee on October 14, 2022 for the implementation in the 2023-24 Undergraduate Calendar.

Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 23 Sep 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 10 May 2022

The Faculty Curriculum Committee reviewed the proposed changes on April 26, 2022 and May 10, 2022 and recommends that it move forward for approval at the next Arts and Science Faculty Council meeting. The changes include course description modifications due to the University moving to a 12-week term in the Fall 2023 session. Other changes are made to update course titles, descriptions and notes to reflect current content and requirements.

This dossier was passed with minor modifications at the FCC; with satisfactory responses/edits on admission elements, the formatting of descriptions, and the meaning of certain notes.

Summary of Committee Discussion: Department approval

For Submission to:

Richard Courtemanche, Associate Dean, Acad Programs,
Faculty Curriculum Committee, 31 Aug 2022

Approved by:

Paul Joyce, Chair of Chemistry and Biochemistry,
Curriculum committee, 20 Apr 2022

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
CHEM 203 Forensic Analysis Change						X				
CHEM 205 General Chemistry I Change				X	X	X				
CHEM 206 General Chemistry II Change				X						
CHEM 212 Analytical Chemistry for Biology and Environmental and Sustainability Science Students Change			X	X						
CHEM 217 Introductory Analytical Chemistry I Change				X						
CHEM 283 Air, Water and Soil Processes Change					X					
CHEM 312 Intermediate Analytical Chemistry Change				X	X					
CHEM 411 Advanced Bioanalytical Chemistry					X					

Change										
CHEM 412 Analytical Separations New (renumbered from 415)	X	X	X	X	X		X	X	X	
CHEM 414 Modern Aspects of Mass Spectrometry: Metabolomics and Proteomics Change					X					
CHEM 415 Analytical Separations Delete	X	X	X	X	X		X	X	X	
CHEM 458 Aquatic Biogeochemistry Change					X					

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 203
Calendar Section Type: Course
Description of Change: CHEM 203 Forensic Analysis Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 203 Forensic Analysis (3 credits)	CHEM 203 Forensic Analysis (3 credits)
Prerequisites:	*Prerequisites:*
Description :	*Description :*
This course introduces the non-science student to the fundamentals of chemical analysis as it is used in modern forensics. It introduces the basic concepts of the scientific method, molecules and chemical reactions, primarily focusing on chemical analysis. The key techniques used in modern forensics are presented with applications in drug, DNA, fingerprint, explosive and combustion/ arson analysis.	This course introduces the non-science student to the fundamentals of chemical analysis as it is used in modern forensics. It introduces the basic concepts of the scientific method, molecules and chemical reactions, primarily focusing on chemical analysis. The key techniques used in modern forensics are presented with applications in drug, DNA, fingerprint, explosive and combustion/ arson analysis.
Component(s):	*Component(s):*
Online	Online
Notes :	*Notes :*
Other note : ~~This course is not a prerequisite for any Chemistry course.~~ Students in ~~programs leading to the BSc degree may take this course as an elective, but~~ may not take this course for ~~credit to be applied to their program of concentration.~~	**Other note :** Students registered in a Chemistry or Biochemistry program may not take this course for credit.

Rationale:
This course was originally intended for non-science students but was adapted for students in a BSc as many have a light grasp of analytical chemistry. It is not intended as an elective for Chemistry and Biochemistry students who are expected to have this base knowledge. A large number of Chemistry and Biochemistry students (18/100 in last offering) have enrolled for this course. Adding an exclusion note for students in the program will ensure that they no longer enrol.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 205
Calendar Section Type: Course
Description of Change: CHEM 205 General Chemistry I Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 205 General Chemistry I (3 credits)	CHEM 205 General Chemistry I (3 credits)
Prerequisites:	*Prerequisites:*
~~This course presumes a good grounding in secondary school mathematics. Students lacking such grounding or non-science students seeking only an awareness of chemistry are advised to enrol in CHEM 208.~~	
Description :	*Description :*
~~Stoichiometry, states~~ of ~~matter, atomic structure, electron structure~~ of ~~atoms, the periodic table,~~ periodic ~~properties,~~ bonding, ~~solids.~~	This is a general chemistry course for science and engineering students. Topics include quantitative tools (measurements, precision, and accuracy), substances (formulas/names, composition, solutions, electrolytes, and properties of gases), chemical reactions (precipitation, acid-base, oxidation-reduction, and stoichiometry and analysis), properties of atoms (the quantum model, electron configurations, and periodic trends), and properties of molecules (orbitals and bonding, Lewis structures, and polarity).
Component(s):	*Component(s):*
Lecture ; Tutorial ; Laboratory	Lecture ; Tutorial ; Laboratory
Notes :	*Notes :*
Anti-requisite Programs : Students in programs leading to the BSc degree may not take this course for credit to be applied to their program of concentration.	**Anti-requisite Programs :** Students in programs leading to the BSc degree may not take this course for credit to be applied to their program of concentration.
Other note : Students who have successfully completed ~~the Cegep equivalent for this~~ course should ~~verify~~ on their Concordia student record ~~that~~ they have received an ~~exemption. Similarly, students who~~ have ~~successfully completed the equivalent course at another university should verify on~~ their ~~Concordia student record that they have received credit or exemption as appropriate~~ for ~~this course. If not, they should see the departmental advisor.~~	**Other note :** This course requires a good grounding in secondary-school mathematics (such as in advanced functions and pre-calculus), and physical science. Students who have successfully completed a similar chemistry course in Cegep should check on their Concordia student record if they have received an exemption and, if not exempt, submit a Student Request to have their Cegep course assessed for equivalence.
Rationale:	

As the present course description contains some inaccuracies, the content has been adjusted with a focus on strengthening the language with respect to required math. As the University is moving to a 12-week term, the review math section has been removed (aside from significant figures). The prerequisite statement referring to CHEM 208 which has not been offered since Winter 2017 is removed as we do not expect to offer it again.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 206
Calendar Section Type: Course
Description of Change: CHEM 206 General Chemistry II Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 206 General Chemistry II (3 credits)	CHEM 206 General Chemistry II (3 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: CHEM 205 .	The following course must be completed previously: CHEM 205 .
Description :	*Description :*
~~Thermochemistry, solutions~~ and ~~their properties, equilibrium, ionic equilibrium, pH, buffers, kinetics,~~ reaction mechanisms, ~~other selected topics related to biochemistry, biology,~~ and ~~engineering.~~	This course covers the principles of chemical reactivity from a fundamental and quantitative perspective. Topics include thermochemistry and driving forces, intermolecular forces, liquids and solubility, kinetics and reaction mechanisms, equilibrium and reaction outcomes, acid-base strengths and reactions, aqueous pH calculations, buffers, titrations, and solubility equilibria.
Component(s):	*Component(s):*
Lecture ; Tutorial ; Laboratory	Lecture ; Tutorial ; Laboratory
Notes :	*Notes :*
Anti-requisite Programs : Students in programs leading to the BSc degree may not take this course for credit to be applied to their program of concentration.	**Anti-requisite Programs :** Students in programs leading to the BSc degree may not take this course for credit to be applied to their program of concentration.
Other note : Students who have successfully completed the Cegep equivalent for this course should verify on their Concordia student record that they have received an exemption. Similarly, students who have successfully completed the equivalent course at another university should verify on their Concordia student record that they have received credit or exemption as appropriate for this course. If not, they should see the departmental advisor.	**Other note :** Students who have successfully completed the Cegep equivalent for this course should verify on their Concordia student record that they have received an exemption. Similarly, students who have successfully completed the equivalent course at another university should verify on their Concordia student record that they have received credit or exemption as appropriate for this course. If not, they should see the departmental advisor.

Rationale:
The language is updated to match that of CHEM 205. The content change reflects what will be offered in a 12-week term. For example, concepts such as solubility will receive a quantitative treatment as opposed to what could be construed as a qualitative analysis.

Resource Implications:
None.

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COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 212
Calendar Section Type: Course
Description of Change: CHEM 212 Analytical Chemistry for Biology and Environmental and Sustainability Science Students Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 212 Analytical Chemistry for ~~Biologists~~ (3 credits)	CHEM 212 Analytical Chemistry for Biology and Environmental and Sustainability Science (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: CHEM 205 , CHEM 206 ; PHYS 204 , PHYS 206 , PHYS 224 , PHYS 226 ; MATH 205 ; or equivalents for all prerequisite courses.	The following courses must be completed previously: CHEM 205 , CHEM 206 ; PHYS 204 , PHYS 206 , PHYS 224 , PHYS 226 ; MATH 205 ; or equivalents for all prerequisite courses.
Description :	*Description :*
This course introduces the basic concepts of analytical chemistry ~~to~~ students ~~in the biological sciences.~~ Topics include treatment of analytical data; chemical equilibria and titrations; introduction to spectroscopy; separation science; electrochemistry.	This course introduces the basic concepts of analytical chemistry for biology and environmental and sustainability science students . Topics include treatment of analytical data; chemical equilibria and titrations; introduction to spectroscopy; separation science; electrochemistry.
Component(s):	*Component(s):*
Lecture ; Laboratory	Lecture ; Laboratory
Notes :	*Notes :*
Anti-requisite Programs : This course may not be taken for credit by students registered in a Chemistry or Biochemistry program.	**Anti-requisite Programs :** This course may not be taken for credit by students registered in a Chemistry or Biochemistry program.

Rationale:

This course is a degree requirement in the Honours and Specialization in Environmental and Sustainability Science and the new title and course description reflect this new target audience which includes students outside of the Biology department.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 217
Calendar Section Type: Course
Description of Change: CHEM 217 Introductory Analytical Chemistry I Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 217 Introductory Analytical Chemistry I (3 credits)	CHEM 217 Introductory Analytical Chemistry I (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: CHEM 205 , CHEM 206 ; PHYS 204 , PHYS 206 , PHYS 224 , PHYS 226 ; MATH 203 , MATH 205 ; or equivalents for all prerequisite courses.	The following courses must be completed previously: CHEM 205 , CHEM 206 ; PHYS 204 , PHYS 206 , PHYS 224 , PHYS 226 ; MATH 203 , MATH 205 ; or equivalents for all prerequisite courses.
Description :	*Description :*
~~Precipitation~~ methods and solubility products; activity, chemical ~~equilibria~~ and titration curves of neutralization and complexation systems; treatment of analytical ~~data.~~	This course introduces basic concepts in analytical chemistry. Topics may include precipitation methods and solubility products; activity, chemical equilibria, and titration curves of neutralization and complexation systems; treatment of analytical data; and introductory chromatography.
Component(s):	*Component(s):*
Lecture ; Laboratory	Lecture ; Laboratory
Notes :	*Notes :*

Rationale:

Introductory chromatography is added to the course content to give students in a Major (not taking CHEM 312) basic knowledge about chromatography.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 283
Calendar Section Type: Course
Description of Change: CHEM 283 Air, Water and Soil Processes Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 283 Air, Water and Soil Processes (3 credits)	CHEM 283 Air, Water and Soil Processes (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: CHEM 212 or CHEM 217 ~~; or equivalent.~~	The following courses must be completed previously: CHEM 212 or CHEM 217 . If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
This course is an introduction to environmental chemistry. It provides a solid understanding of environmental processes in the atmosphere, hydrosphere and soil including exchange processes at their interfaces. Students learn how sources and sinks of pollutants work and how to calculate fluxes between environmental compartments. The course also examines the analytical methods employed for monitoring these processes.	This course is an introduction to environmental chemistry. It provides a solid understanding of environmental processes in the atmosphere, hydrosphere and soil including exchange processes at their interfaces. Students learn how sources and sinks of pollutants work and how to calculate fluxes between environmental compartments. The course also examines the analytical methods employed for monitoring these processes.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for this topic under a CHEM 298 number may not take this course for credit.	**Equivalent Courses :** Students who have received credit for this topic under a CHEM 298 number may not take this course for credit.

Rationale:
Given that students enrolled in programs in Engineering, or Chemistry and Biochemistry, or Biology, or Geography Planning and Environment other than the Environmental and Sustainability Science (BSc) will want to take this course, the change in prerequisites will allow them entrance at the discretion of the department.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 312
Calendar Section Type: Course
Description of Change: CHEM 312 Intermediate Analytical Chemistry Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 312 Intermediate Analytical Chemistry (3 credits)	CHEM 312 Intermediate Analytical Chemistry (3 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: CHEM 218 .	The following course must be completed previously: CHEM 218 or CHEM 212 .
Description :	*Description :*
Emission spectroscopy; ~~X-ray~~ spectroscopy; voltammetry and polarography; amperometric titrations; coulometry and coulometric titrations, conductometry; chromatography with particular emphasis on gas chromatography, and ~~high-performance~~ liquid ~~chromatography. Laboratory is taken concurrently~~ and ~~provides experience in analytical techniques described in lectures.~~	This course is a c ontinuation of introductory analytical chemistry courses, with emphasis on instrumental methods of analysis. Emission spectroscopy; X-ray spectroscopy; voltammetry and polarography; amperometric titrations; coulometry and coulometric titrations, conductometry; chromatography with particular emphasis on gas chromatography, and high-performance liquid chromatography . Lectures and laboratory
Component(s):	*Component(s):*
Lecture ; Laboratory	Lecture ; Laboratory
Notes :	*Notes :*

Rationale:

The prerequisite change will allow students in the Departments of Biology or Geography, Planning and Environment who have completed CHEM 212 as a part of their program, to take a higher level analytical chemistry course. This course is a program elective in the Honours and Specialization in Environmental and Sustainability Science and will have an audience there.

Resource Implications:

None

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 411
Calendar Section Type: Course
Description of Change: CHEM 411 Advanced Bioanalytical Chemistry Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 411 Advanced Bioanalytical Chemistry (3 credits)	CHEM 411 Advanced Bioanalytical Chemistry (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: CHEM 271 ~~or~~ CHEM 312 . If prerequisites are not satisfied, permission of the Department is required.	The following courses must be completed previously: Six credits of 300-level courses and CHEM 271 and CHEM 312 . If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
This course presents the concepts, tools and common instrumental techniques employed in modern bioanalytical chemistry for the quantitative analysis of drugs, metabolites, toxins, environmental contaminants, biomarkers, proteins, biotherapeutics and/or DNA in biological samples. Topics may include sample preparation, mass spectrometry, immunoassays, biosensors, microfluidics, bioanalytical method validation and discussion of emerging bioanalytical techniques and trends. The applications discussed encompass toxicology, forensics, pharmacokinetics, metabolism, clinical chemistry, environmental analysis, and biotechnology.	This course presents the concepts, tools and common instrumental techniques employed in modern bioanalytical chemistry for the quantitative analysis of drugs, metabolites, toxins, environmental contaminants, biomarkers, proteins, biotherapeutics and/or DNA in biological samples. Topics may include sample preparation, mass spectrometry, immunoassays, biosensors, microfluidics, bioanalytical method validation and discussion of emerging bioanalytical techniques and trends. The applications discussed encompass toxicology, forensics, pharmacokinetics, metabolism, clinical chemistry, environmental analysis, and biotechnology.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for this topic under a CHEM 498 number may not take this course for credit.	**Equivalent Courses :** Students who have received credit for this topic under a CHEM 498 number may not take this course for credit.

Rationale:

The prerequisite order was changed to clarify that CHEM 312 is not part of the six credits of 300-level courses required.

Resource Implications:

None

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 412
Calendar Section Type: Course
Description of Change: CHEM 412 Analytical Separations New (renumbered from 415)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	CHEM 412 Analytical Separations (3 credits)
Prerequisites:	*Prerequisites:*
	The following courses must be completed previously: CHEM 218 and CHEM 312 . If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
	High performance liquid separations on an analytical (non-preparative) scale are surveyed. Fundamental separation mechanisms and application of the techniques are discussed. Emphasis is placed on separations of biologically relevant analytes which include peptides, proteins and nucleic acids.
Component(s):	*Component(s):*
	Lecture
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for CHEM 415 or for this topic under a CHEM 498 number may not take this course for credit.

Rationale:

CHEM 415 has been renumbered to CHEM 412 to progress sequentially with other analytical chemistry courses (CHEM 212, 312, 412). 'Permission of the department' is added to the prerequisite statement to allow students with equivalent knowledge access to this advanced course. The course description is unchanged. An exclusion note is added for CHEM 415.

Resource Implications:
None

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 414
Calendar Section Type: Course
Description of Change: CHEM 414 Modern Aspects of Mass Spectrometry: Metabolomics and Proteomics Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 414 Modern Aspects of Mass Spectrometry: Metabolomics and Proteomics (3 credits)	CHEM 414 Modern Aspects of Mass Spectrometry: Metabolomics and Proteomics (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: CHEM 271 or CHEM 312 ~~; six credits of 300-level CHEM courses.~~ If prerequisites are not satisfied, permission of the Department is required.	The following courses must be completed previously: Six credits of 300-level courses and CHEM 271 or CHEM 312 . If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
This course surveys and critically discusses the state-of the-art mass spectrometry-based approaches that are driving the metabolomics and proteomics revolution for applications such as shotgun proteomics, quantitative proteomics, posttranslational modifications, top-down proteomics, untargeted metabolomics, lipidomics, metallomics, structural biology and molecular structure characterization.	This course surveys and critically discusses the state-of the-art mass spectrometry-based approaches that are driving the metabolomics and proteomics revolution for applications such as shotgun proteomics, quantitative proteomics, posttranslational modifications, top-down proteomics, untargeted metabolomics, lipidomics, metallomics, structural biology and molecular structure characterization.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for this topic under a CHEM 498 number may not take this course for ~~credit~~	**Equivalent Courses :** Students who have received credit for this topic under a CHEM 498 number may not take this course for credit.

Rationale:

The prerequisite order was changed to clarify that CHEM 312 is not part of the six credits of 300-level courses required.

Resource Implications:
None

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COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 415
Calendar Section Type: Course
Description of Change: CHEM 415 Analytical Separations Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~CHEM 415 Analytical Separations~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: CHEM 218 , CHEM 312.~~	
Description :	*Description :*
~~High performance liquid separations on an analytical (non-preparative) scale are surveyed. Fundamental separation mechanisms and application of the techniques are discussed. Emphasis is placed on separations of biologically relevant analytes which include peptides, proteins and nucleic acids.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for this topic under a CHEM 498 number may not take this course for credit.~~	**Equivalent Courses :**

Rationale:
CHEM 415 has been renumbered to CHEM 412 to progress sequentially with other analytical chemistry courses (CHEM 212, 312, 412). CHEM 415 is deleted from the calendar.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 CHEM description and prerequisite changes

Calendar Section Name: CHEM 458
Calendar Section Type: Course
Description of Change: CHEM 458 Aquatic Biogeochemistry Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Chemistry and Biochemistry

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.050 Department of Chemistry and Biochemistry > Chemistry and Biochemistry Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
CHEM 458 Aquatic Biogeochemistry (3 credits)	CHEM 458 Aquatic Biogeochemistry (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: CHEM 217 , CHEM 218 , CHEM 312 ~~; or students must be enrolled in a BSc Environmental and Sustainability Science program and have previously completed CHEM 212 or CHEM 217~~ .	The following courses must be completed previously: CHEM 217 , CHEM 218 , and CHEM 312 . If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
The major aim of this course is to present a quantitative treatment of the variables that determine the composition of natural waters. Chemical equilibrium is the central theme of the course, but consideration is also given to kinetics, steady-state and dynamic models. Related themes include global chemical cycles, air and water pollution, as well as current research topics in water chemistry and chemical oceanography.	The major aim of this course is to present a quantitative treatment of the variables that determine the composition of natural waters. Chemical equilibrium is the central theme of the course, but consideration is also given to kinetics, steady-state and dynamic models. Related themes include global chemical cycles, air and water pollution, as well as current research topics in water chemistry and chemical oceanography.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for CHEM 418 or for this topic under a CHEM 498 number may not take this course for credit.	**Equivalent Courses :** Students who have received credit for CHEM 418 or for this topic under a CHEM 498 number may not take this course for credit.

Rationale:
"Permission of the Department" is added as a prerequisite to allow students with equivalent knowledge access to this advanced course.

Resource Implications:
None.

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Impact Report

Programs

Certificate in Science Foundations
Source of Impact

- CHEM 205
- CHEM 206

Honours in Biochemistry
Source of Impact

- CHEM 312

Honours in Biology
Source of Impact

- CHEM 212

Honours in Cell and Molecular Biology
Source of Impact

- CHEM 212

Major in Biology
Source of Impact

- CHEM 212

Specialization in Biochemistry
Source of Impact

- CHEM 312

Specialization in Biology
Source of Impact

- CHEM 212

Specialization in Cell and Molecular Biology
Source of Impact

- CHEM 212

Defined Groups

Basic Science Courses: Certificate in Science and Technology
Source of Impact

- CHEM 205

Basic and Natural Science Courses: Industrial Engineering
Source of Impact

- CHEM 217

Basic and Natural Science Courses: Software Engineering
Source of Impact

- CHEM 217

Chemistry Courses for Biology Programs
Source of Impact

- CHEM 212

Core Component for Biochemistry
Source of Impact

- CHEM 217

Core Component for Chemistry
Source of Impact

- CHEM 217
- CHEM 312

Earth Systems and Climate Science Stream
Source of Impact

- CHEM 458

Engineering Mature Entry Requirements
Source of Impact

- CHEM 205
- CHEM 206
- CHEM 217

Environmental Biology Stream
Source of Impact

- CHEM 458

Environmental Chemistry Stream
Source of Impact

- CHEM 312
- CHEM 458

Environmental and Sustainability Science Core
Source of Impact

- CHEM 212
- CHEM 217
- CHEM 283

Extended Credit Program (ECP)
Source of Impact

- CHEM 205

Extended Credit Program: Health and Life Sciences
Source of Impact

- CHEM 205
- CHEM 206

Health and Life Sciences Core
Source of Impact

- CHEM 212

Molecular Biology Module: Systems and Information Biology
Source of Impact

- CHEM 212

Science Electives: Computer Engineering
Source of Impact

- CHEM 217

Courses

BIOL 261
Source of Impact

- CHEM 205
- CHEM 206

BIOL 266
Source of Impact

- CHEM 205
- CHEM 206

BIOL 368
Source of Impact

- CHEM 212
- CHEM 217

CHEM 206
Source of Impact

- CHEM 205

CHEM 212
Source of Impact

- CHEM 205
- CHEM 206

CHEM 217
Source of Impact

- CHEM 205
- CHEM 206

CHEM 218
Source of Impact

- CHEM 217

CHEM 221
Source of Impact

- CHEM 205
- CHEM 206

CHEM 234
Source of Impact

- CHEM 205
- CHEM 206

CHEM 241
Source of Impact

- CHEM 205
- CHEM 206

CHEM 283
Source of Impact

- CHEM 212
- CHEM 217

CHEM 341
Source of Impact

- CHEM 217

CHEM 411
Source of Impact

- CHEM 312

CHEM 414
Source of Impact

- CHEM 312

CHEM 415
Source of Impact

- CHEM 312

CHEM 451
Source of Impact

- CHEM 217

CHEM 458
Source of Impact

- CHEM 212
- CHEM 217

- CHEM 312

CHEM 612
Source of Impact

- CHEM 312

CHEM 651
Source of Impact

- CHEM 217

CHEM 658
Source of Impact

- CHEM 217
- CHEM 312

CIVI 321
Source of Impact

- CHEM 205

ELEC 321
Source of Impact

- CHEM 205

MIAE 221
Source of Impact

- CHEM 205

PHYS 260
Source of Impact

- CHEM 205

Regulations

Computer Science
Source of Impact

- CHEM 205
- CHEM 206

Engineering
Source of Impact

- CHEM 205

Extended Credit Program
Source of Impact

- CHEM 205
- CHEM 206

Science

Source of Impact

- CHEM 205
- CHEM 206

Stage Eligibility Requirements

Source of Impact

- CHEM 205
- CHEM 206

Undergraduate Program Regular Curriculum Change - AS-EDUC-5143 - VERSION : 4

Summary and Rationale for Changes

The Department of Education is removing ENGL 396 Content Creation and Management in Professional Writing at the request of the department of English. This coincides with their changes under AS-ENGL-3921 as they are prioritizing their program students for this course.

As part of the Specialization or Certificate in Teaching English as a Second Language (TESL) programs, students currently select from 6 credits ENGL courses (ENGL 212, 213, 396). Most students in TESL are placed in ENGL 212 (English Composition-Stage I). As ENGL 213 (English Composition-Stage II) is a prerequisite for ENGL 396, students rarely elect to take this course.

The changes in this proposal have no resource implications.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

The following proposal was presented under ASFC-2022-6M-D and approved at the Arts and Science Faculty Council meeting on October 28, 2022. We request that it be reviewed at the Academic Programs Committee on November 18, 2022 for the implementation in the 2023-24 Undergraduate Calendar. Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

The Faculty Curriculum Committee (FCC) supports the course changes proposed in this dossier and recommends that it be reviewed at the next Arts and Science Faculty Council. The Department of Education is proposing removing ENGL 396 *Content Creation and Management in Professional Writing*. This change is at the request from the Department of English (dossier AS-ENGL-3921) as they are prioritizing access to their program students and therefore has requested the removal from the Department of Education's program listing. In the Department of Education, this course is currently part of the Specialization or Certificate in Teaching English as a Second Language (TESL) programs, students select from 6 credits ENGL courses (ENGL 212, 213, 396). Most students in TESL are placed in ENGL 212 (English Composition-Stage I). As ENGL 213 (English Composition-Stage II) is a prerequisite for ENGL 396, students rarely elect to take this course.

Summary of Committee Discussion: Department approval

For Submission to:

Richard Courtemanche, Associate Dean,
Faculty Curriculum Committee, 26 Sep 2022

Approved by:

Saul Carliner, Chair,
n/a, 22 Sep 2022

The Department of Education approves of the changes in this dossier. At the request of the Department of English, ENGL 396 is removed from TESL programs. Consultation between the two departments are attached.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
Specialization in Teaching English as a Second Language Change				X			
Certificate in the Teaching of English as a Second Language Change				X			

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Removal of ENGL 396 from TESL programs

Calendar Section Name: Specialization in Teaching English as a Second Language
Calendar Section Type: Program
Description of Change: Specialization in Teaching English as a Second Language Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Education
Program Name: Specialization in Teaching English as a Second Language
Program Type: Specialization
Degree: Bachelor/Baccalaureate of Education (BEd)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.090 Department of Education > Section 31.090.1 Teaching English as a Second Language Programs and Courses > BEd Specialization in Teaching English as a Second Language > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar		**Proposed Text**	
120 credits	Specialization in Teaching English as a Second Language	**120 credits**	Specialization in Teaching English as a Second Language
	60 credits: TESL 221 Phonology for Teachers (3) TESL 231 Modern English Grammar (3) TESL 326 TESL Pedagogy: General (6) TESL 330 Computers in Language Learning (3) TESL 331 Grammar for Teachers (3) TESL 341 Language Acquisition (3) TESL 351 History of the English Language (3) TESL 415 Testing, Evaluation and Course Design (3) TESL 426 Pedagogy: Primary (6) TESL 427 Pedagogy: Secondary (3) TESL 466 Internship: Primary I (3) TESL 467 Internship: Secondary I (3) TESL 471 Teaching Language Arts: Secondary (3) TESL 486 Internship: Primary II (6) TESL 487 Internship: Secondary II (6) TESL 488 Internship Seminar (3)		60 credits: TESL 221 Phonology for Teachers (3) TESL 231 Modern English Grammar (3) TESL 326 TESL Pedagogy: General (6) TESL 330 Computers in Language Learning (3) TESL 331 Grammar for Teachers (3) TESL 341 Language Acquisition (3) TESL 351 History of the English Language (3) TESL 415 Testing, Evaluation and Course Design (3) TESL 426 Pedagogy: Primary (6) TESL 427 Pedagogy: Secondary (3) TESL 466 Internship: Primary I (3) TESL 467 Internship: Secondary I (3) TESL 471 Teaching Language Arts: Secondary (3) TESL 486 Internship: Primary II (6) TESL 487 Internship: Secondary II (6) TESL 488 Internship Seminar (3)
	15 credits: EDUC 210 Psychology of Education (6) EDUC 445 Education in Quebec (3) EDUC 450 The Inclusive Classroom: Educating Exceptional Children (3)		15 credits: EDUC 210 Psychology of Education (6) EDUC 445 Education in Quebec (3) EDUC 450 The Inclusive Classroom: Educating Exceptional Children (3) EDUC 454 Diversity in the Classroom (3)

D1

EDUC 454 Diversity in the Classroom (3)	
6 ~~credits chosen from:~~ ENGL 212 English Composition — Stage I (3) ENGL 213 English Composition — Stage II (3) ~~ENGL 396 Content Creation and Management in Professional Writing (6)~~	6 credits: ENGL 212 English Composition — Stage I (3) ENGL 213 English Composition — Stage II (3)
9 credits chosen from courses in English literature, of which three credits must be from Canadian Literature	9 credits chosen from courses in English literature, of which three credits must be from Canadian Literature
6 credits in a third language other than English or French	6 credits in a third language other than English or French
24 credits of elective courses chosen from a list approved by the Department	24 credits of elective courses chosen from a list approved by the Department

Rationale:

The Department of English is prioritizing access to their program students and therefore has requested the removal from the department of Education's program listing.

Resource Implications:

None.

D2

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Removal of ENGL 396 from TESL programs

Calendar Section Name: Certificate in the Teaching of English as a Second Language
Calendar Section Type: Program
Description of Change: Certificate in the Teaching of English as a Second Language Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Education
Program Name: Certificate in the Teaching of English as a Second Language
Program Type: Certificate
Degree: Non-degree program (certificate or minor)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.090 Department of Education > Section 31.090.1 Teaching English as a Second Language Programs and Courses > Certificate in the Teaching of English as a Second Language > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar		**Proposed Text**	
30 credits	Certificate in the Teaching of English as a Second Language	**30 credits**	Certificate in the Teaching of English as a Second Language
	24 credits: TESL 221 Phonology for Teachers (3) TESL 231 Modern English Grammar (3) TESL 324 Methodology I (3) TESL 331 Grammar for Teachers (3) TESL 341 Language Acquisition (3) TESL 424 Methodology II (3) TESL 435 Practicum (6)		24 credits: TESL 221 Phonology for Teachers (3) TESL 231 Modern English Grammar (3) TESL 324 Methodology I (3) TESL 331 Grammar for Teachers (3) TESL 341 Language Acquisition (3) TESL 424 Methodology II (3) TESL 435 Practicum (6)
	Note: Students are allowed to repeat TESL 435 only once in order to achieve the required grade (see Section 16.2.6 Repetition of Courses).		Note: Students are allowed to repeat TESL 435 only once in order to achieve the required grade (see Section 16.2.6 Repetition of Courses).
	6 ~~credits chosen from:~~ ENGL 212 English Composition — Stage I (3) ENGL 213 English Composition — Stage II (3) ~~ENGL 396 Content Creation and Management in Professional Writing (6)~~		6 credits: ENGL 212 English Composition — Stage I (3) ENGL 213 English Composition — Stage II (3)

Rationale:

The department of English is prioritizing access to their program students and therefore has requested the removal from the department of Education's program listing.

Resource Implications:

n/a

Impact Report

Nicole Freeman

From: Angela Alleyne
Sent: July 27, 2022 9:45 AM
To: Nicole Freeman
Subject: FW: Change affecting traduction and TESL

Hi Nicole,

FYI, re the Curr. Doc. AS-ENGL 3921 under ENGL 396. This is the TESL response.

Thanks,

Angela

From: Maggie McDonnell <maggie.mcdonnell@concordia.ca>
Sent: June 13, 2022 7:54 AM
To: Teresa Hernandez-Gonzalez <teresa.hernandezgonzalez@concordia.ca>
Cc: Saul Carliner <Saul.Carliner@concordia.ca>; Roma Medwid <roma.medwid@concordia.ca>; Tesl Program Assistant <education.tesl@concordia.ca>; Stephen Yeager <stephen.yeager@concordia.ca>; Angela Alleyne <angela.alleyne@concordia.ca>
Subject: Re: Change affecting traduction and TESL

Good morning Teresa,

Thank you for taking the time to consider this change, and for your support!

Best,
Maggie

From: Teresa Hernandez-Gonzalez <teresa.hernandezgonzalez@concordia.ca>
Date: Monday, June 13, 2022 at 6:08 AM
To: Maggie McDonnell <maggie.mcdonnell@concordia.ca>
Cc: Saul Carliner <Saul.Carliner@concordia.ca>, Roma Medwid <roma.medwid@concordia.ca>, Tesl Program Assistant <education.tesl@concordia.ca>
Subject: Re: Change affecting traduction and TESL

Hello Maggie,

Saul sent me your email and we discussed this decision a bit. I can understand the rationale for not offering TESL students ENGL 396. It used to be the case that more TESL students were placed at that level in the ECPT. I don't remember that happening recently.

Since the possibility of obtaining special permission is still open, I don't see an issue.

We will remove ENGL 396 from our program description.

Thank you!

Teresa

Concordia University is located on unceded Kanien'kehá:ka territory.

From: Maggie McDonnell <maggie.mcdonnell@concordia.ca>
Sent: June 7, 2022 8:24 PM
To: Nikolas Romero Serra <nikolas.romero@concordia.ca>; Saul Carliner <Saul.Carliner@concordia.ca>
Cc: Stephen Yeager <stephen.yeager@concordia.ca>
Subject: Change affecting traduction and TESL

Good evening Nikolas and Saul, et bon soir.

We are proposing a change to ENGL 396 that affects your programs, and I wanted to share this with you, offer my rationale, and invite your feedback.

At the moment, ENGL 396 is an option for students in both Traduction (spécialisation) and TESL (see table below).

Program	ENGL options (taken from the current calendar)
TESL	6 credits chosen from: • ENGL 212 English Composition — Stage I (3.00) • ENGL 213 English Composition — Stage II (3.00) • ENGL 396 Content Creation and Management in Professional Writing (6.00)
Spécialisation en traduction	6 credits chosen from: • ENGL 212 English Composition — Stage I (3.00) • ENGL 213 English Composition — Stage II (3.00) • ENGL 396 Content Creation and Management in Professional Writing (6.00) [Note that the Bac in translation ONLY lists ENGL 212 & 213]

We are proposing that we **remove** ENGL 396 as a listed option for these programs, based on the following:

1. There is a discrepancy in the Composition options between the BA in Traduction and the Spécialisation.
2. Historically, students in TESL and Traduction do not enrol in ENGL 396, opting instead for the two 3-credit courses, which are offered more frequently, in all semesters.
3. ENGL 396 is a 6-credit course focused on digital writing, editing, and publishing, and thus may not serve the purpose originally intended.
4. The prerequisite for ENGL 396 is ENGL 213, so students would have to complete 9 credits in order to fulfill the 6-credit Composition requirement.
5. Access to ENGL 213 is either successful completion of ENGL 212 or the English department placement test, and historically, students in TESL and Traduction are placed in ENGL 212 more frequently than 213, which means those students will by default complete 212 & 213, and not consider 396.
6. Students in TESL and Traduction are very welcome to take ENGL 396 with permission of the department, or as part of the minor in Professional Writing, of course!

Please let me know your thoughts. We have been asked to document our consultation with your programs by next Tuesday, so if you can respond before then, I appreciate it.

Note that I am also very happy to come into any of your classes or orientation sessions to discuss the Professional Writing minor, which I believe would be an excellent complement to the programs your students are following. As well, if either of you wish to discuss potential cross-listings or co-taught courses as part of the ongoing expansion of the Professional Writing program, we are open to ideas.

All best,
Maggie

Dr. Maggie McDonnell
Coordinator, Composition & Professional Writing
English Department, Concordia University
Montreal, QC

Make an appointment

Connect with me on LinkedIn

I would like to acknowledge that Concordia University is located on unceded Indigenous lands. The Kanien'kehá:ka Nation is recognized as the custodians of the lands and waters on which we gather today. Tiohtià:ke/Montréal is historically known as a gathering place for many First Nations. Today, it is home to a diverse population of Indigenous and other peoples. We respect the continued connections with the past, present and future in our ongoing relationships with Indigenous and other peoples within the Montreal community.

This territorial acknowledgement was created by Concordia University's Indigenous Directions Leadership Group (2017). To read the entire territorial acknowledgement and learn more about why it was written this way, please visit https://www.concordia.ca/about/indigenous/territorial-acknowledgement.html

Undergraduate Program Regular Curriculum Change - AS-ENGL-5137 - VERSION : 1

Summary and Rationale for Changes

The Department of English asks that the title of ENGL 490 Joint Tutorial in History and English be changed to ENGL 490 Joint Seminar in History and English to reflect the way it is now run as a team-taught, upper-level seminar. The change is required so that it will align with its cross-listed equivalent in the History Department. The Department of English also asks that the description of the course be changed from "A tutorial for students in English and History Joint Specialization Program" to "ENGL 490 is an upper-level seminar exploring both literary and historical approaches to a selected topic". This general description will make the course available to upper-level students in good standing (such as Honours students) in both departments as well as the students who are specifically enrolled in the Joint Specialization in English and History. Special topics for the seminar will be announced on a yearly basis. This change is required to align the course with its cross-listed equivalent in the History Department. There are no resource implications associated with these changes.

Undergraduate Program Regular Curriculum Change - AS-ENGL-5137 - VERSION : 1

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

The following proposal was presented under ASFC-2022-6M-E and approved at the Arts and Science Faculty Council meeting on October 28, 2022. We request that it be reviewed at the Academic Programs Committee on November 18, 2022 for the implementation in the 2023-24 Undergraduate Calendar. Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

The Faculty Curriculum Committee (FCC) supports the course changes proposed in this dossier and recommends that it be reviewed at the next Arts and Science Faculty Council. The Department of English is proposing changing the title of ENGL 490 Joint Tutorial in History to ENGL 490 Joint Seminar in History and English and the course description is updated to better reflect what is taught in the course, primarily that this course is taught as a seminar, not a tutorial. The change is also required so that it will align with its cross-listed equivalent in the Department of History, HIST 4900 (AS-HIST-5041). The changes will benefit students in both departments as the course will be available to students in good standing in the honours, specialization, and joint specialization programs.

Summary of Committee Discussion: Department approval

For Submission to:

Richard Courtemanche, Associate Dean,
Faculty Curriculum Committee, 26 Sep 2022

Approved by:

Stephen Yeager, Chair,
English Department General Meeting, 19 Sep 2022

The changes were approved in an online poll following the Department of English General Department Meeting September 16th, 2022.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
ENGL 490 Joint Seminar in History and English Change			X	X	X			X		X

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 ENGL 490/HIST 4900

Calendar Section Name: ENGL 490
Calendar Section Type: Course
Description of Change: ENGL 490 Joint Seminar in History and English Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: English

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.100 Department of English > English Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ENGL 490 Joint ~~Tutorial~~ in History and English (6 credits)	ENGL 490 Joint Seminar in History and English (6 credits) (Also listed as HIST 4900)
Prerequisites:	*Prerequisites:*
Students must ~~have completed nine~~ credits in ~~English Literature,~~ or ~~must be enrolled in an English program.~~	Students must complete 30 university credits prior to enrolling. Enrolment in the Honours or Specialization is required. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
~~A tutorial~~ for students ~~in an~~ English and History ~~Joint Specialization program.~~	This upper-level seminar explores literary and historical approaches to a selected topic, which varies from year to year. The course offers a unique opportunity for students to explore how the different disciplines of English and History think about knowledge production under the collaborative guidance of scholars in these two fields.
Component(s):	*Component(s):*
~~Lecture ; Tutorial~~	Seminar
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for HIST 4900 or HIST 498 under the same topic may not take this course for credit.

Rationale:
This course will be cross-listed with the new HIST 4900 section (Proposed under AS-HIST-5041). The course was always taught as a seminar and so this is now reflected in the revised title. The description has also been modified so that both the History and English departments share the same information.

Resource Implications:
None.

Impact Report

Other Units

Addition of **HIST 498** to **ENGL 490** requirement
Source of other unit Impact

- Course is housed in Section 31.160 Department of History

Addition of **HIST 4900** to **ENGL 490** requirement
Source of other unit Impact

- Course is housed in Section 31.160 Department of History

Addition of **HIST 4900** to **ENGL 490** requirement
Source of other unit Impact

- Course is housed in Section 31.160 Department of History

Undergraduate Program Regular Curriculum Change - AS-FRAN-4322 - VERSION : 6

Summary and Rationale for Changes

Justificatif de la modification : L’Ordre des traducteurs, terminologues et interprètes agréés du Québec (OTTIAQ) nous demande d’intégrer un stage obligatoire aux programmes donnant ouverture au titre de traducteur agréé. Dans notre cas, les programmes visés sont la Spécialisation en traduction au 1er cycle et la Maîtrise en traductologie, option professionnelle au 2e cycle. Par conséquent, nous devons modifier ces deux programmes. L’administration de l’Université voit plutôt d’un œil favorable l’intégration d’un stage obligatoire dans les programmes de traduction; ce changement s’inscrit parfaitement dans les orientations stratégiques de l’institution. L'Université s'est engagée à offrir une expérience d'apprentissage expérientiel à toute la population étudiante du premier cycle et la modification proposée contribue à la réalisation de cet engagement.

Ce document concerne la Spécialisation en traduction. À noter, les modifications ne s’appliquent pas à l’option coop. Pour l’Option F : anglais-français, FTRA 422 Stage de formation : de l’anglais au français I (3 crédits) devient un cours obligatoire. Pour l’Option A : français-anglais, FTRA 423 Stage de formation : du français à l’anglais I (3 crédits) devient un cours obligatoire. Le stage obligatoire sera intégré en fin de programme, à la 3e étape. Le stage obligatoire ne remplace aucun cours de traduction avancée, comme c’était le cas auparavant, il s’ajoute aux cours du programme existant. Le programme passe donc de 69 crédits à 72 crédits. Comme pour plusieurs autres programmes menant à l'obtention d'un titre professionnel, le nombre de crédits de cours à réaliser hors département est réduit à 18.

Le cours ENGL 396 est supprimé comme étant un choix de cours au même titre que le ENGL 212 et le ENGL 213, ceci afin de s'aligner sur les changements proposés par le département d'anglais sous AS-ENGL-3921. Les étudiants en traduction ne subiront aucun impact néfaste sur leur cursus étant donné qu’ils pourront s’inscrire, au besoin, à d’autres cours ENGL de cette catégorie.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

The following proposal was presented under ASFC-2022-6M-F and approved at the Arts and Science Faculty Council meeting on October 28, 2022. We request that it be reviewed at the Academic Programs Committee on November 18, 2022 for the implementation in the 2023-24 Undergraduate Calendar. Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

The Faculty Curriculum Committee (FCC) supports the changes proposed in this dossier and recommends that it be reviewed at the next Arts and Science Faculty Council. In order to comply with L'Ordre des traducteurs, terminologues et interprètes agréés du Québec (OTTIAQ), the Département d'Études françaises is proposing the addition of a mandatory internship course in programs which offer translator certification status. These include 1) Spécialisation en traduction l'Option A and l'Option B (excluding the co-op option) at the undergraduate level and 2) Maîtrise en traductologie, option professionnelle at the graduate level. The internship will not be replacing other courses but will rather add 3-credits increasing both Option A and B in the Spécialisation en traduction from 69 to 72 credits, the number of credits outside the program will be reduced to 18. Changes to these two programs is keeping with the University's commitment to contribute to the experiential learning experience.

Also, the department is removing ENGL 396 *Content Creation and Management in Professional Writing* to align with AS-ENGL-3921 dossier as they are prioritizing access to their program students. This deletion will not have an adverse impact for students in the translation or registration for other ENGL courses.

Summary of Committee Discussion: Department approval

For Submission to:

Richard Courtemanche, Associate Dean,
Faculty Curriculum Committee, 26 Sep 2022

Approved by:

Françoise Naudillon, Chair,
Assemblée départementale, 08 Dec 2021

Les changements proposés au cursus de l’annuaire du premier cycle ont été approuvés en assemblée départementale le 8 décembre 2021.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
FTRA 420 Stage de formation : de l'anglais au français Change				X	X					
FTRA 421 Stage de formation : du français à l'anglais Change				X	X					
FTRA 422 Stage de formation : de l'anglais au français I Change				X	X					
FTRA 423 Stage de formation : du français à l'anglais I Change				X	X					
FTRA 424 Stage de formation : de l'anglais au français II Change				X	X					
FTRA 425				X	X					

Stage de formation : du français à l’anglais II Change										

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
1re étape : Spécialisation en traduction Option A Change		X	
3e étape : Spécialisation en traduction Option A Change		X	X
1re étape : Spécialisation en traduction Option F Change		X	
3e étape : Spécialisation en traduction Option F Change		X	X

Regulation Changes:

- Notes Change
- L’option d’enseignement coopératif Change

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: 1re étape : Spécialisation en traduction Option A
Calendar Section Type: Defined group
Description of Change: 1re étape : Spécialisation en traduction Option A Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Programmes d'études françaises > Programmes de traduction > BA Spécialisation en traduction > Exigences du programme > Spécialisation en traduction > Spécialisation en traduction Option A : français-anglais

Type of Change: Defined Group Change

	Present Text (from 2021) calendar		Proposed Text
36 credits	1re étape : Spécialisation en traduction Option A	**36 credits**	1re étape : Spécialisation en traduction Option A
	6 crédits à choisir parmi les cours : FRAA 413 Rédaction (3) FRAA 415 Français avancé I (3) FRAA 416 Français avancé II (3) FRAA 423 Rédaction avancée (3)		6 crédits à choisir parmi les cours : FRAA 413 Rédaction (3) FRAA 415 Français avancé I (3) FRAA 416 Français avancé II (3) FRAA 423 Rédaction avancée (3)
	Note : Une étudiante ou un étudiant qui, à l'examen de classement, n'a pas obtenu une note lui permettant de suivre les cours de niveau 400 doit s'inscrire au(x) cours Langue française : niveaux d'approfondissement I & II , ou FRAN 304 , ou FRAN 306 , ou FRAN 321 et suivre les cours ci-dessus en 2e année au plus tard.		Note : Une étudiante ou un étudiant qui, à l'examen de classement, n'a pas obtenu une note lui permettant de suivre les cours de niveau 400 doit s'inscrire au(x) cours Langue française : niveaux d'approfondissement I & II , ou FRAN 304 , ou FRAN 306 , ou FRAN 321 et suivre les cours ci-dessus en 2e année au plus tard.
	6 crédits ~~à choisir parmi les cours~~ : ENGL 212 English Composition — Stage I (3) ~~FRAN~~ 213 ~~Langue française : niveaux intermédiaires I et~~ II ~~(6)~~ ~~ENGL 396 Content Creation and Management in Professional Writing (6)~~		6 crédits : ENGL 212 English Composition — Stage I (3) ENGL 213 English Composition — Stage II (3)
	Note: L'étudiante ou l'étudiant peut comptabiliser les 6 crédits des cours ci-dessus dans les ~~21~~ crédits à réaliser hors département. Dans ce cas, pour les remplacer il devra effectuer 6 crédits parmi ceux offerts au département.		Note: L'étudiante ou l'étudiant peut comptabiliser les 6 crédits des cours ci-dessus dans les 18 crédits à réaliser hors département. Dans ce cas, pour les remplacer il devra effectuer 6 crédits parmi ceux offerts au département. Note : L'étudiant ou l'étudiante qui prend ENGL 213 à la suite du test de classement doit obtenir au moins 3 autres crédits parmi les cours suivants : ENGL 214, ENGL 216, ENGL 395, ENGL 396, ou ENGL 397, avec la permission du Département d'anglais.
	6 crédits à choisir parmi les cours FLIT de niveaux 300 et 400		

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Present Text (from 2021) calendar	Proposed Text
6 crédits en littératures de langue anglaise	6 crédits à choisir parmi les cours FLIT de niveaux 300 et 400
12 crédits : FTRA 200 Méthodologie de la traduction (3) FTRA 201 Traduction générale du français à l'anglais I (3) FTRA 203 L'anglais en contact avec le français au Québec (3) FTRA 207 Traduction générale du français à l'anglais II (3)	6 crédits en littératures de langue anglaise 12 crédits : FTRA 200 Méthodologie de la traduction (3) FTRA 201 Traduction générale du français à l'anglais I (3) FTRA 203 L'anglais en contact avec le français au Québec (3) FTRA 207 Traduction générale du français à l'anglais II (3)

Rationale:

À la demande du Département d'anglais, nous souhaitons retirer ENGL 396 des crédits à choisir et ajouter une note (voir aussi AS-ENGL-3921).

Le préalable d'ENGL 396 est ENGL 213. Avant, il était possible de suivre ENGL 396 directement à la suite du test de classement, mais maintenant, il faut obligatoirement suivre ENGL 213. L'étudiant ou l'étudiante qui prend ENGL 213 à la suite du test de classement doit obtenir au moins 3 autres crédits de composition anglaise parmi les cours ENGL 214, ENGL 216, ENGL 395, ENGL 396 et ENGL 397, pour un total d'au moins 6 crédits, avec la permission du Département d'anglais.

Note to calendar editor: ENGL 213 was improperly tagged during the 2022-23 calendar conversion (FRAN 213 was erroneously tagged). This is now corrected.

Resource Implications:
None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: 3e étape : Spécialisation en traduction Option A
Calendar Section Type: Defined group
Description of Change: 3e étape : Spécialisation en traduction Option A Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Programmes d'études françaises > Programmes de traduction > BA Spécialisation en traduction > Exigences du programme > Spécialisation en traduction > Spécialisation en traduction Option A : français-anglais

Type of Change: Defined Group Change

Present Text (from 2021) calendar	Proposed Text
~~**18**~~ **credits** 3e étape : Spécialisation en traduction Option A	**21 credits** 3e étape : Spécialisation en traduction Option A
6 crédits à choisir parmi les cours : FTRA 401 Traduction littéraire avancée : du français à l'anglais (3) FTRA 403 Traduction scientifique et technique du français à l'anglais (3) FTRA 405 Traduction commerciale et juridique du français à l'anglais (3) FTRA 408 Adaptation publicitaire (3)	6 crédits à choisir parmi les cours : FTRA 401 Traduction littéraire avancée : du français à l'anglais (3) FTRA 403 Traduction scientifique et technique du français à l'anglais (3) FTRA 405 Traduction commerciale et juridique du français à l'anglais (3) FTRA 408 Adaptation publicitaire (3)
6 crédits : FTRA 409 Révision et correction en traduction (3)	6 crédits : FTRA 409 Révision et correction en traduction (3)
FTRA 411 Terminologie et mondialisation (3)	FTRA 411 Terminologie et mondialisation (3)
3 crédits à choisir parmi les cours : FTRA 412 Théories de la traduction (3) FTRA 414 Histoire de la traduction (3) FTRA 418 Web, technologies, traduction : théories et critiques (3)	3 crédits à choisir parmi les cours : FTRA 412 Théories de la traduction (3) FTRA 414 Histoire de la traduction (3) FTRA 418 Web, technologies, traduction : théories et critiques (3)
3 crédits à choisir parmi les cours : FTRA 438 Initiation au sous-titrage (3) FTRA 452 Traduction automatique (TA) et traduction assistée par ordinateur (TAO) (3) FTRA 455 Gestion de projets (3) FTRA 458 Pratique de la localisation (3)	3 crédits à choisir parmi les cours : FTRA 438 Initiation au sous-titrage (3) FTRA 452 Traduction automatique (TA) et traduction assistée par ordinateur (TAO) (3) FTRA 455 Gestion de projets (3) FTRA 458 Pratique de la localisation (3)
	3 crédits : FTRA 423 Stage de formation : du français à

Present Text (from 2021) calendar	Proposed Text
	l’anglais I (3) Note: Le cours FTRA 423 n'est pas inclus dans les exigences de la Spécialisation en traduction pour les etudiants inscrits au program Co-operatif, donc le total nombre de credits requis est 69 crédits au lieu de 72.

Rationale:

L’Ordre des traducteurs, terminologues et interprètes agréés du Québec (OTTIAQ) nous demande d’intégrer un stage obligatoire aux programmes donnant ouverture au titre de traducteur agréé, notamment, le programme de la Spécialisation en traduction au 1er cycle. À noter, les modifications ne s’appliquent pas à l’option coop.

L’Université voit plutôt d’un oeil favorable l’intégration d’un stage obligatoire dans les programmes de traduction; ce changement s’inscrit parfaitement dans les orientations stratégiques de l’institution.

Pour l’Option A : français-anglais, FTRA 423 Stage de formation : du français à l’anglais I (3 crédits) devient un cours obligatoire. Le stage obligatoire sera intégré en fin de programme, à la 3e étape. Le stage obligatoire ne remplace aucun cours de traduction avancée, comme c’était le cas auparavant, il s’ajoute aux cours du programme existant.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: 1re étape : Spécialisation en traduction Option F
Calendar Section Type: Defined group
Description of Change: 1re étape : Spécialisation en traduction Option F Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Programmes d'études françaises > Programmes de traduction > BA Spécialisation en traduction > Exigences du programme > Spécialisation en traduction > Spécialisation en traduction Option F : anglais-français

Type of Change: Defined Group Change

	Present Text (from 2021) calendar	Proposed Text
33 credits	1re étape : Spécialisation en traduction Option F	**33 credits** 1re étape : Spécialisation en traduction Option F
	6 crédits à choisir parmi les cours : FRAA 413 Rédaction (3) FRAA 415 Français avancé I (3) FRAA 416 Français avancé II (3) FRAA 423 Rédaction avancée (3)	6 crédits à choisir parmi les cours : FRAA 413 Rédaction (3) FRAA 415 Français avancé I (3) FRAA 416 Français avancé II (3) FRAA 423 Rédaction avancée (3)
	6 crédits ~~à choisir parmi les cours~~ : ENGL 212 English Composition — Stage I (3) ENGL 213 English Composition — Stage II (3) ~~ENGL 396 Content Creation and Management in Professional Writing (6)~~	6 crédits : ENGL 212 English Composition — Stage I (3) ENGL 213 English Composition — Stage II (3)
	Note: L'étudiante ou l'étudiant peut comptabiliser les 6 crédits ci-dessus dans les ~~21~~ crédits à réaliser hors département. Dans ce cas, pour les remplacer il devra effectuer 6 crédits parmi ceux offerts au département.	Note: L'étudiante ou l'étudiant peut comptabiliser les 6 crédits ci-dessus dans les 18 crédits à réaliser hors département. Dans ce cas, pour les remplacer il devra effectuer 6 crédits parmi ceux offerts au département.
	Note: Une étudiante ou un étudiant qui à l'examen de classement n'a pas obtenu une note lui permettant de suivre ces cours, doit s'inscrire au(x) cour s ESL 204 , ou ENGL 206 ou ENGL 210 et suivre les cours ENGL 212 et ENGL 213 en 2e année au plus tard.	Note: Une étudiante ou un étudiant qui à l'examen de classement n'a pas obtenu une note lui permettant de suivre ces cours, doit s'inscrire au(x) cour s ESL 204 , ou ENGL 206 ou ENGL 210 et suivre les cours ENGL 212 et ENGL 213 en 2e année au plus tard.
	9 crédits à choisir parmi les cours FLIT de niveaux 300 et 400	Note : L'étudiant ou l'étudiante qui prend ENGL 213 à la suite du test de classement doit obtenir au moins 3 autres crédits parmi les cours suivants : ENGL 214, ENGL 216, ENGL 395, ENGL 396, ou ENGL 397, avec la permission du Département d'anglais.
	12 crédits :	

D5

Present Text (from 2021) calendar	Proposed Text
FTRA 200 Méthodologie de la traduction (3) FTRA 202 Traduction générale de l’anglais au français I (3) FTRA 204 Le français en contact avec l’anglais au Québec (3) FTRA 208 Traduction générale de l’anglais au français II (3)	9 crédits à choisir parmi les cours FLIT de niveaux 300 et 400 12 crédits : FTRA 200 Méthodologie de la traduction (3) FTRA 202 Traduction générale de l’anglais au français I (3) FTRA 204 Le français en contact avec l’anglais au Québec (3) FTRA 208 Traduction générale de l’anglais au français II (3)

Rationale:

À la demande du Département d’anglais, nous souhaitons retirer ENGL 396 des crédits à choisir et ajouter une note (voir aussi AS-ENGL-3921).

Le préalable d’ENGL 396 est ENGL 213. Avant, il était possible de suivre ENGL 396 directement à la suite du test de classement, mais maintenant, il faut obligatoirement suivre ENGL 213. L’étudiant ou l’étudiante qui prend ENGL 213 à la suite du test de classement doit obtenir au moins 3 autres crédits de composition anglaise parmi les cours ENGL 214, ENGL 216, ENGL 395, ENGL 396 et ENGL 397, pour un total d’au moins 6 crédits, avec la permission du Département d’anglais.

Resource Implications:
None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: 3e étape : Spécialisation en traduction Option F
Calendar Section Type: Defined group
Description of Change: 3e étape : Spécialisation en traduction Option F Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Programmes d'études françaises > Programmes de traduction > BA Spécialisation en traduction > Exigences du programme > Spécialisation en traduction > Spécialisation en traduction Option F : anglais-français

Type of Change: Defined Group Change

Present Text (from 2021) calendar	Proposed Text
~~**18**~~ **credits**	**21 credits**
3e étape : Spécialisation en traduction Option F	3e étape : Spécialisation en traduction Option F
6 crédits à choisir parmi les cours : FTRA 402 Traduction littéraire avancée : de l'anglais au français (3) FTRA 404 Traduction scientifique et technique de l'anglais au français (3) FTRA 406 Traduction commerciale et juridique de l'anglais au français (3) FTRA 408 Adaptation publicitaire (3)	6 crédits à choisir parmi les cours : FTRA 402 Traduction littéraire avancée : de l'anglais au français (3) FTRA 404 Traduction scientifique et technique de l'anglais au français (3) FTRA 406 Traduction commerciale et juridique de l'anglais au français (3) FTRA 408 Adaptation publicitaire (3)
6 crédits : FTRA 410 Révision et correction en traduction (3)	6 crédits : FTRA 410 Révision et correction en traduction (3)
FTRA 411 Terminologie et mondialisation (3)	FTRA 411 Terminologie et mondialisation (3)
3 crédits à choisir parmi les cours : FTRA 412 Théories de la traduction (3) FTRA 414 Histoire de la traduction (3) FTRA 418 Web, technologies, traduction : théories et critiques (3)	3 crédits à choisir parmi les cours : FTRA 412 Théories de la traduction (3) FTRA 414 Histoire de la traduction (3) FTRA 418 Web, technologies, traduction : théories et critiques (3)
3 crédits à choisir parmi les cours : FTRA 438 Initiation au sous-titrage (3) FTRA 452 Traduction automatique (TA) et traduction assistée par ordinateur (TAO) (3) FTRA 455 Gestion de projets (3) FTRA 458 Pratique de la localisation (3)	3 crédits à choisir parmi les cours : FTRA 438 Initiation au sous-titrage (3) FTRA 452 Traduction automatique (TA) et traduction assistée par ordinateur (TAO) (3) FTRA 455 Gestion de projets (3) FTRA 458 Pratique de la localisation (3)
	3 crédits : FTRA 422 Stage de formation : de l'anglais au

Present Text (from 2021) calendar	Proposed Text
	français I (3) Note: Le cours FTRA 422 n'est pas inclus dans les exigences de la Spécialisation en traduction pour les etudiants inscrits au program Co-operatif, donc le total nombre de credits requis est 69 crédits au lieu de 72.

Rationale:

L'Ordre des traducteurs, terminologues et interprètes agréés du Québec (OTTIAQ) nous demande d'intégrer un stage obligatoire aux programmes donnant ouverture au titre de traducteur agréé, notamment, le programme de la Spécialisation en traduction au 1er cycle. À noter, les modifications ne s'appliquent pas à l'option coop.

L'Université voit plutôt d'un oeil favorable l'intégration d'un stage obligatoire dans les programmes de traduction; ce changement s'inscrit parfaitement dans les orientations stratégiques de l'institution.

Pour l'Option F : anglais-français, FTRA 422 Stage de formation : de l'anglais au français I (3 crédits) devient un cours obligatoire. Le stage obligatoire sera intégré en fin de programme, à la 3e étape. Le stage obligatoire ne remplace aucun cours de traduction avancée, comme c'était le cas auparavant, il s'ajoute aux cours du programme existant.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: Notes
Calendar Section Type: Regulation
Description of Change: Notes Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Programmes d'études françaises > Programmes de traduction > BA Spécialisation en traduction

Present Text (from 2021) calendar	Proposed Text
Notes	Notes
1. Le BA Spécialisation en traduction est un programme contingenté. Comme il demande une excellente connaissance du français et de l'anglais, les étudiantes et étudiants admis devront subir des tests de placement dans les deux langues. Les cours FTRA sont réservés en priorité aux étudiantes et étudiants inscrits dans les programmes de traduction.	1. Le BA Spécialisation en traduction est un programme contingenté. Comme il demande une excellente connaissance du français et de l'anglais, les étudiantes et étudiants admis devront subir des tests de placement dans les deux langues. Les cours FTRA sont réservés en priorité aux étudiantes et étudiants inscrits dans les programmes de traduction.
2. Le programme comporte deux options : la traduction du français vers l'anglais ou de l'anglais vers le français. Normalement, l'étudiante ou l'étudiant choisira l'une ou l'autre de ces deux options. Dans de rares cas, certaines candidates et certains candidats pourront satisfaire aux exigences des deux options.	2. Le programme comporte deux options : la traduction du français vers l'anglais ou de l'anglais vers le français. Normalement, l'étudiante ou l'étudiant choisira l'une ou l'autre de ces deux options. Dans de rares cas, certaines candidates et certains candidats pourront satisfaire aux exigences des deux options.
3. Les étudiantes et étudiants du programme de BA Spécialisation en traduction doivent obtenir une note minimale de C dans tous les cours de ~~traduction.~~ Si la note obtenue est inférieure à C, les étudiantes et étudiants devront reprendre le cours dans l'année qui suit.	3. Les étudiantes et étudiants du programme de BA Spécialisation en traduction doivent obtenir une note minimale de C dans tous les cours de traduction, y compris le stage obligatoire (FTRA 422 ou FTRA 423). Si la note obtenue est inférieure à C, les étudiantes et étudiants devront reprendre le cours dans l'année qui suit.
4. Une seule reprise est permise. Si cette exigence n'est pas satisfaite ou en cas d'échec, les étudiantes et étudiants seront radiés du programme. En cas de probation ou de radiation, les étudiantes et étudiants recevront un avis écrit de la direction du département.	4. Une seule reprise est permise. Si cette exigence n'est pas satisfaite ou en cas d'échec, les étudiantes et étudiants seront radiés du programme. En cas de probation ou de radiation, les étudiantes et étudiants recevront un avis écrit de la direction du département.
5. Les étudiantes et étudiants inscrits à un programme de traduction doivent remettre leurs travaux en français dans les cours de littérature.	5. Les étudiantes et étudiants inscrits à un programme de traduction doivent remettre leurs travaux en français dans les cours de littérature.
6. Pour l'option d'enseignement coopératif, voir Programme d'enseignement coopératif en traduction.	6. Pour l'option d'enseignement coopératif, voir Programme d'enseignement coopératif en traduction.
	7. Comme le BA Spécialisation en traduction comporte 72 crédits, les étudiantes et étudiants du programme doivent obtenir 18 crédits hors département (plutôt que les 24 crédits indiqués à la section Degree Requirements).

Present Text (from 2021) calendar	Proposed Text
7. Comme le BA Spécialisation en traduction comporte ~~69~~ crédits, les étudiantes et étudiants du programme doivent obtenir ~~21~~ crédits hors département (plutôt que les 24 crédits indiqués à la section Degree Requirements).	8. Comme le BA Spécialisation en traduction comporte 69 crédits pour les étudiantes et étudiants inscrits au programme cooperératif, ces étudiants et étudiantes doivent obtenir 21 crédits hors département.
8. Il appartient à chaque étudiante et étudiant de remplir toutes les conditions requises dans son programme.	9. Il appartient à chaque étudiante et étudiant de remplir toutes les conditions requises dans son programme.

Rationale:

Comme pour les autres cours ayant le sigle FTRA, les étudiantes et étudiants doivent obtenir une note minimale de C dans les stages FTRA 422 et FTRA 423.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: L’option d’enseignement coopératif
Calendar Section Type: Regulation
Description of Change: L’option d’enseignement coopératif Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Programmes d'études françaises > Programmes de traduction > Programme d’enseignement coopératif en traduction

Present Text (from 2021) calendar	Proposed Text
L’option d’enseignement ~~coopératif~~ ~~L ’ option d ’ enseignement~~ coopératif est offerte uniquement aux étudiants qui ont ~~d ’ abord~~ été admis au programme « BA Spécialisation en traduction ». Le cursus universitaire de cette option est le même que celui du « BA Spécialisation en traduction ~~». Toutefois, en~~ alternance avec ~~leurs~~ sessions ~~d ’ études, les étudiants de l ’ option d ’ enseignement~~ coopératif ~~effectuent~~ trois stages de formation en milieu professionnel. ~~Tout~~ au long de leur formation, les étudiants de ~~l ’ option d ’ enseignement~~ coopératif reçoivent de ~~l ’ encadrement personnel. Afin de conserver leur statut, ils~~ doivent respecter les exigences de la Faculté des arts et des sciences ainsi que celles de ~~l ’ Institut d ’ enseignement~~ coopératif. La direction du programme ~~d ’ enseignement~~ coopératif en traduction joue un rôle ~~d ’ intermédiaire~~ entre les ~~étudiants~~ et les employeurs, ce qui implique également un étroit suivi sur le plan académique. Les ~~étudiants intéressés~~ par cette option sont ~~priés~~ de consulter la section Institute for Co-operative Education pour obtenir de plus amples renseignements.	L’option d’enseignement coopératif L’option d’enseignement coopératif est offerte uniquement aux étudiantes et étudiants qui ont d’abord été admis au programme « BA Spécialisation en traduction ». Le cursus universitaire de cette option est le même que celui du « BA Spécialisation en traduction », sauf qu’il n’inclut pas le FTRA 422 ou le FTRA 423 (donc 69 crédits au lieu de 72). En alternance avec des sessions d’études à temps plein, l’option d’enseignement coopératif comporte trois stages de formation en milieu professionnel. Tout au long de leur formation, les étudiantes et étudiants de l’option d’enseignement coopératif reçoivent de l’encadrement personnel et doivent respecter les exigences de la Faculté des arts et des sciences ainsi que celles de l’Institut d’enseignement coopératif. La direction du programme d’enseignement coopératif en traduction joue un rôle d’intermédiaire entre les stagiaires et les employeurs, ce qui implique également un étroit suivi sur le plan académique. Les personnes intéressées par cette option sont priées de consulter la section Institute for Co-operative Education pour obtenir de plus amples renseignements.

Rationale:
On ajoute une note pour indiquer que l'option d'enseignement coopérative reste à 69 crédits. On modifie également le texte pour le rendre plus inclusif.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: FTRA 420
Calendar Section Type: Course
Description of Change: FTRA 420 Stage de formation : de l'anglais au français Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Cours d'études françaises > Cours de traduction

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FTRA 420 Stage de formation : de l'anglais au français (6 credits)	FTRA 420 Stage de formation : de l'anglais au français (6 credits)
Prerequisites:	*Prerequisites:*
Les étudiants doivent compléter 60 crédits ~~en traduction~~ avant de s'inscrire. L'autorisation de la coordinatrice ou du coordinateur des stages est requise.	Les étudiantes et étudiants doivent compléter 60 crédits, dont au moins 24 crédits FTRA avant de s'inscrire. L'autorisation de la coordinatrice ou du coordinateur des stages est requise.
Description :	*Description :*
Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction de l'anglais au français et de lui faire connaître le monde du travail. ~~(Le département fera tout son possible pour faciliter l'obtention d'un~~ stage ~~mais ne~~ peut ~~s'engager à trouver un stage pour toutes les candidates et tous les candidats.)~~	Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction de l'anglais au français et de lui faire connaître le monde du travail. Le stage peut comporter des tâches en traduction, en terminologie ou en gestion de projet. Il a lieu généralement en entreprise, au gouvernement ou en milieu communautaire ou sous forme de mentorat OTTIAQ.
Component(s):	*Component(s):*
Practicum/Internship/Work Term	Practicum/Internship/Work Term
Notes :	*Notes :*
Equivalent Courses : Les étudiantes et étudiants qui ont suivi TRAD 420 ne peuvent obtenir de crédits pour ce cours.	**Equivalent Courses :** Les étudiantes et étudiants qui ont suivi TRAD 420 ne peuvent obtenir de crédits pour ce cours.
Language of instruction : (F) Ce cours a l'anglais comme langue de départ et le français comme langue d'arrivée.	**Language of instruction :** (F) Ce cours a l'anglais comme langue de départ et le français comme langue d'arrivée.

Rationale:

This internship course number has been used for a number of years but had not been added to the calendar.

As non coop internships were an exception, they were offered to students having already completed at least 60 out of the 69 credits of the specialization translation program. Given that a minimum of one internship is now obligatory, this requirement will be changed to allow students having completed at least 24 credits of the translation specialization program.

A more complete description of the type of internships has been added.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: FTRA 421
Calendar Section Type: Course
Description of Change: FTRA 421 Stage de formation : du français à l'anglais Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Cours d'études françaises > Cours de traduction

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FTRA 421 Stage de formation : du français à l'anglais (6 credits)	FTRA 421 Stage de formation : du français à l'anglais (6 credits)
Prerequisites:	*Prerequisites:*
Les étudiants doivent compléter 60 crédits en ~~traduction avant de s'inscrire.~~ L'autorisation de la coordinatrice ou du coordinateur des stages est requise.	Les étudiantes et étudiants doivent compléter 60 crédits en traduction, dont au moins 24 crédits FTRA . L'autorisation de la coordinatrice ou du coordinateur des stages est requise.
Description :	*Description :*
Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction du français à l'anglais et de lui faire connaître le monde du travail. ~~(Le département fera tout son possible pour faciliter l'obtention d'un~~ stage ~~mais ne~~ peut ~~s'engager à trouver un stage pour toutes les candidates et tous les candidats.)~~	Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction du français à l'anglais et de lui faire connaître le monde du travail. Le stage peut comporter des tâches en traduction, en terminologie ou en gestion de projet. Il a lieu généralement en entreprise, au gouvernement ou en milieu communautaire ou sous forme de mentorat OTTIAQ.
Component(s):	*Component(s):*
Practicum/Internship/Work Term	Practicum/Internship/Work Term
Notes :	*Notes :*
Equivalent Courses : Les étudiantes et étudiants qui ont suivi TRAD 421 ne peuvent obtenir de crédits pour ce cours.	**Equivalent Courses :** Les étudiantes et étudiants qui ont suivi TRAD 421 ne peuvent obtenir de crédits pour ce cours.
Language of instruction : (A) Ce cours a le français comme langue de départ et l'anglais comme langue d'arrivée.	**Language of instruction :** (A) Ce cours a le français comme langue de départ et l'anglais comme langue d'arrivée.

Rationale:

This internship course number has been used for a number of years but had not been added to the calendar.

As non coop internships were an exception, they were offered to students having already completed at least 60 out of the 69 credits of the specialization translation program. Given that a minimum of one internship is now obligatory, this requirement will be changed to allow students having completed at least 24 credits of the translation specialization program.

A more complete description of the type of internships has been added.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: FTRA 422
Calendar Section Type: Course
Description of Change: FTRA 422 Stage de formation : de l'anglais au français I Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Cours d'études françaises > Cours de traduction

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FTRA 422 Stage de formation : de l'anglais au français I (3 credits)	FTRA 422 Stage de formation : de l'anglais au français I (3 credits)
Prerequisites:	*Prerequisites:*
Les étudiants doivent compléter 60 crédits en ~~traduction avant de s'inscrire.~~ L'autorisation de la coordinatrice ou du coordinateur des stages est requise.	Les étudiants doivent compléter 60 crédits en traduction, dont au moins 24 crédits FTRA . L'autorisation de la coordinatrice ou du coordinateur des stages est requise.
Description :	*Description :*
Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction de l'anglais au français et de lui faire connaître le monde du travail. ~~(Le département fera tout son possible pour faciliter l'obtention d'un~~ stage ~~mais ne~~ peut ~~s'engager à trouver un stage pour toutes les candidates et candidats.)~~	Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction de l'anglais au français et de lui faire connaître le monde du travail. Le stage peut comporter des tâches en traduction, en terminologie ou en gestion de projet. Il a lieu généralement en entreprise, au gouvernement ou en milieu communautaire ou sous forme de mentorat OTTIAQ.
Component(s):	*Component(s):*
Practicum/Internship/Work Term	Practicum/Internship/Work Term
Notes :	*Notes :*
Language of instruction : (F) Ce cours a l'anglais comme langue de départ et le français comme langue d'arrivée.	**Language of instruction :** (F) Ce cours a l'anglais comme langue de départ et le français comme langue d'arrivée.

Rationale:

This internship course number has been used for a number of years but had not been added to the calendar.

As non coop internships were an exception, they were offered to students having already completed at least 60 out of the 69 credits of the specialization translation program. Given that a minimum of one internship is now obligatory, this requirement will be changed to allow students having completed at least 24 credits of the translation specialization program.

A more complete description of the type of internships has been added.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: FTRA 423
Calendar Section Type: Course
Description of Change: FTRA 423 Stage de formation : du français à l'anglais I Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Cours d'études françaises > Cours de traduction

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FTRA 423 Stage de formation : du français à l'anglais I (3 credits)	FTRA 423 Stage de formation : du français à l'anglais I (3 credits)
Prerequisites:	*Prerequisites:*
Les étudiants doivent compléter 60 crédits en ~~traduction avant de s'inscrire.~~ L'autorisation de la coordinatrice ou du coordinateur des stages est requise.	Les étudiants doivent compléter 60 crédits en traduction, dont au moins 24 crédits FTRA. L'autorisation de la coordinatrice ou du coordinateur des stages est requise.
Description :	*Description :*
Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction du français à l'anglais et de lui faire connaître le monde du travail. ~~(Le département fera tout son possible pour faciliter l'obtention d'un~~ stage ~~mais ne~~ peut ~~s'engager à trouver un stage pour toutes les candidates et candidats.)~~	Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction du français à l'anglais et de lui faire connaître le monde du travail. Le stage peut comporter des tâches en traduction, en terminologie ou en gestion de projet. Il a lieu généralement en entreprise, au gouvernement ou en milieu communautaire ou sous forme de mentorat OTTIAQ.
Component(s):	*Component(s):*
Practicum/Internship/Work Term	Practicum/Internship/Work Term
Notes :	*Notes :*
Language of instruction : (A) Ce cours a le français comme langue de départ et l'anglais comme langue d'arrivée.	**Language of instruction :** (A) Ce cours a le français comme langue de départ et l'anglais comme langue d'arrivée.

Rationale:

This internship course number has been used for a number of years but had not been added to the calendar.

As non coop internships were an exception, they were offered to students having already completed at least 60 out of the 69 credits of the specialization translation program. Given that a minimum of one internship is now obligatory, this requirement will be changed to allow students having completed at least 24 credits of the translation specialization program.

A more complete description of the type of internships has been added.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: FTRA 424
Calendar Section Type: Course
Description of Change: FTRA 424 Stage de formation : de l'anglais au français II Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Cours d'études françaises > Cours de traduction

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FTRA 424 Stage de formation : de l'anglais au français II (3 credits)	FTRA 424 Stage de formation : de l'anglais au français II (3 credits)
Prerequisites:	*Prerequisites:*
Les étudiants doivent compléter 60 crédits en ~~traduction avant de s'inscrire.~~ L'autorisation de la coordinatrice ou du coordinateur des stages est requise.	Les étudiants doivent compléter 60 crédits en traduction, dont au moins 24 crédits FTRA . L'autorisation de la coordinatrice ou du coordinateur des stages est requise.
Description :	*Description :*
Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction de l'anglais au français et de lui faire connaître le monde du travail. ~~(Le département fera tout son possible pour faciliter l'obtention d'un~~ stage ~~mais ne~~ peut ~~s'engager à trouver un stage pour toutes les candidates et candidats.)~~	Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction de l'anglais au français et de lui faire connaître le monde du travail. Le stage peut comporter des tâches en traduction, en terminologie ou en gestion de projet. Il a lieu généralement en entreprise, au gouvernement ou en milieu communautaire ou sous forme de mentorat OTTIAQ.
Component(s):	*Component(s):*
Practicum/Internship/Work Term	Practicum/Internship/Work Term
Notes :	*Notes :*
Language of instruction : (F) Ce cours a l'anglais comme langue de départ et le français comme langue d'arrivée.	**Language of instruction :** (F) Ce cours a l'anglais comme langue de départ et le français comme langue d'arrivée.

Rationale:

This internship course number has been used for a number of years but had not been added to the calendar.

As non coop internships were an exception, they were offered to students having already completed at least 60 out of the 69 credits of the specialization translation program. Given that a minimum of one internship is now obligatory, this requirement will be changed to allow students having completed at least 24 credits of the translation specialization program.

A more complete description of the type of internships has been added.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: 2023-24 Stage obligatoire

Calendar Section Name: FTRA 425
Calendar Section Type: Course
Description of Change: FTRA 425 Stage de formation : du français à l'anglais II Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Études Françaises

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.110 Département d'études françaises > Cours d'études françaises > Cours de traduction

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FTRA 425 Stage de formation : du français à l'anglais II (3 credits)	FTRA 425 Stage de formation : du français à l'anglais II (3 credits)
Prerequisites:	*Prerequisites:*
Les étudiants doivent compléter 60 crédits en ~~traduction avant de s'inscrire.~~ L'autorisation de la coordinatrice ou du coordinateur des stages est requise.	Les étudiants doivent compléter 60 crédits en traduction, dont au moins 24 crédits FTRA. L'autorisation de la coordinatrice ou du coordinateur des stages est requise.
Description :	*Description :*
Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction du français à l'anglais et de lui faire connaître le monde du travail. ~~(Le département fera tout son possible pour faciliter l'obtention d'un~~ stage ~~mais ne~~ peut ~~s'engager à trouver un stage pour toutes les candidates et candidats.)~~	Le stage a pour but d'initier l'étudiante ou l'étudiant à l'activité professionnelle dans le domaine de la traduction du français à l'anglais et de lui faire connaître le monde du travail. Le stage peut comporter des tâches en traduction, en terminologie ou en gestion de projet. Il a lieu généralement en entreprise, au gouvernement ou en milieu communautaire ou sous forme de mentorat OTTIAQ.
Component(s):	*Component(s):*
Practicum/Internship/Work Term	Practicum/Internship/Work Term
Notes :	*Notes :*
Language of instruction : (A) Ce cours a le français comme langue de départ et l'anglais comme langue d'arrivée.	**Language of instruction :** (A) Ce cours a le français comme langue de départ et l'anglais comme langue d'arrivée.

Rationale:

This internship course number has been used for a number of years but had not been added to the calendar.

As non coop internships were an exception, they were offered to students having already completed at least 60 out of the 69 credits of the specialization translation program. Given that a minimum of one internship is now obligatory, this requirement will be changed to allow students having completed at least 24 credits of the translation specialization program.

A more complete description of the type of internships has been added.

Resource Implications:
None.

Impact Report

Defined Groups

IP Notations
Source of Impact

- FTRA 420
- FTRA 421
- FTRA 422
- FTRA 423
- FTRA 424
- FTRA 425

Spécialisation en traduction Option A : français -anglais
Source of Impact

- 1re étape : Spécialisation en traduction Option A
- 3e étape : Spécialisation en traduction Option A

Spécialisation en traduction Option F : anglais -français
Source of Impact

- 1re étape : Spécialisation en traduction Option F
- 3e étape : Spécialisation en traduction Option F

Other Units

Addition of **ENGL 213** to **1re étape : Spécialisation en traduction Option A** requirement
Source of other unit Impact

- Course is housed in Section 31.100 Department of English

Undergraduate Program Regular Curriculum Change - AS-HIST-5041 - VERSION : 4

Summary and Rationale for Changes

The History Department proposes the following changes to the undergraduate calendar.

The department is assigning permanent numbers to four courses, three of which have been taught under the topics course HIST 398 (HIST 3430 History of the Ottoman Empire; 3620 African Slavery in Global Perspective; 3750 Global History in the Indian Ocean World) and HIST 4900, which will be cross-listed with the already existing ENGL 490), thereby giving departmental and university commitment to these areas of study. These courses form part of the Concordia History Department's emphasis on global, transnational, and thematic histories, with particular strengths in Asia and Africa. The addition of these courses mirrors the importance our Undergraduate History programs' curricula place on comparative approaches to the study of the past. This in turn reflects the contemporary nature of the discipline of History.

The department will be adding HIST 4900, Joint Seminar in History and English (6 credits) to match the current course ENGL 490. The class is intended as a capstone for the Joint Specialization in English and History; with permission, students in other History programs may also enroll. To anticipate this development, in 2022-23 the course is offered as a seminar co-taught by an English and a History professor under the ENGL 490 number (the History students enrolled will be given equivalence for their programs). The English Department also proposes a change to their description of this course (in AS-ENGL-5137) to provide parallel texts. Both the History and English departments have expressed interest in establishing this as a regularly offered course jointly taught by two faculty members, one from each department.

For three existing courses, HIST 308, 379, and 392, the titles and descriptions have been revised. These revisions reflect new directions in the department’s teaching as well as the evolution of the discipline. HIST 308 has moved into the "Thematic/Global/Public History" category, as it no longer focuses on the history of the Americas.

Six existing courses that will not be offered again by the department, will be removed from the calendar as they have not been taught for over a decade (in some cases not since the 1980s) and have become redundant to the program.

The new courses do not represent any resources as they will be taught through the regular faculty allocation.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

The following proposal was presented under ASFC-2022-6M-G and approved at the Arts and Science Faculty Council meeting on October 28, 2022. We request that it be reviewed at the Academic Programs Committee on November 18, 2022 for the implementation in the 2023-24 Undergraduate Calendar. Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

The Faculty Curriculum Committee (FCC) supports the course changes proposed in this dossier and recommends that it be reviewed at the next Arts and Science Faculty Council. The Department of History is proposing expanding their course offerings by converting four previously successfully offered special topics courses offered to permanent courses. This includes HIST 4900, *Joint Seminar in History and English* to match the current course offered in the Department of English, ENGL 490 (AS-ENGL-5137).

Summary of Committee Discussion: Department approval

For Submission to:

Richard Courtemanche, Associate Dean, Academic Programs, FAS,
Faculty Curriculum Committee, 26 Sep 2022

Approved by:

Alison Rowley, Chair,
History Department Meeting, 16 Sep 2022

This submission was approved by the History Department faculty at the Department Meeting held on Friday, September 16, 2022.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
HIST 308 Cultures in Contact: A History of Migration Change			X	X						
HIST 311 Contemporary Canada, 1939 to the Present Delete	X	X	X	X	X		X	X	X	
HIST 325 The European Renaissance Delete	X	X	X	X	X		X	X	X	
HIST 335 Barbarian Invasions and the Birth of Europe Delete	X	X	X	X	X		X	X	X	
HIST 341 History of Britain Since 1714 Delete	X	X	X	X	X		X	X	X	
HIST 3430 History of the Ottoman Empire New	X	X	X	X	X		X	X	X	
HIST 352 German History in the 20th Century Delete	X	X	X	X	X		X	X	X	
HIST 3620 African Slavery in Global Perspective New	X	X	X	X	X		X	X	X	

HIST 3750 Global History in the Indian Ocean World New	X	X	X	X	X		X	X	X	
HIST 379 History through Visual Media and Performance Change			X	X						
HIST 384 Age of Industrialization and Nationalism 1848-1914 Delete	X	X	X	X	X		X	X	X	
HIST 392 War, Peace, and Society in France since 1870 Change			X	X						
HIST 4900 Joint Seminar in History and English New	X	X	X	X	X		X	X	X	X

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
Certificate in Immigration Studies Change				X			

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
Public History with Internship Option: Honours in History Change		X	
Global/Thematic/Public History Change		X	
History of Asia or Africa Change		X	
History of Europe Change		X	
History of the Americas Change		X	

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: Public History with Internship Option: Honours in History
Calendar Section Type: Defined group
Description of Change: Public History with Internship Option: Honours in History Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Programs > History > BA Honours in History > Program Requirements > Honours in History

Type of Change: Defined Group Change

	Present Text (from 2021) calendar		Proposed Text
60 credits	Public History with Internship Option: Honours in History	**60 credits**	Public History with Internship Option: Honours in History
	3 credits: HIST 200 Introduction to History (3)		3 credits: HIST 200 Introduction to History (3)
	15 credits of History courses at the 200 level		15 credits of History courses at the 200 level
	9 credits of History courses at the 300 level		9 credits of History courses at the 300 level
	3 credits: HIST 306 History and the Public (3)		3 credits: HIST 306 History and the Public (3)
	6 credits chosen from: HIST 379 History through Visual Media and ~~Material Culture~~ (3) HIST 380 History and Digital Media (3) HIST 381 The Politics of the Past (3) HIST 387 Selected Topics in Public History (3) HIST 388 Oral History and Creative Practice (3) HIST 389 Ethnography: Doing Micro-History of the Present (3) HIST 390 Urban History Laboratory (3) HIST 397 History and Sound (3)		6 credits chosen from: HIST 379 History through Visual Media and Performance (3) HIST 380 History and Digital Media (3) HIST 381 The Politics of the Past (3) HIST 387 Selected Topics in Public History (3) HIST 388 Oral History and Creative Practice (3) HIST 389 Ethnography: Doing Micro-History of the Present (3) HIST 390 Urban History Laboratory (3) HIST 397 History and Sound (3)
	6 credits: HIST 402 The Philosophy and Practice of History (3) HIST 403 Methodology and History (3)		6 credits: HIST 402 The Philosophy and Practice of History (3) HIST 403 Methodology and History (3)
	9 credits of History seminar courses at the 400 level		9 credits of History seminar courses at the 400 level

Present Text (from 2021) calendar	Proposed Text
9 credits: HIST 481 Advanced Study in Public History (3) HIST 485 Public History Workshop (3) HIST 486 Public History Internship (3)	9 credits: HIST 481 Advanced Study in Public History (3) HIST 485 Public History Workshop (3) HIST 486 Public History Internship (3)
Note: Students must take at least three credits from each of the following groups in any combination at the 200, 300 or 400 level: Global/Thematic/Public History	Note: Students must take at least three credits from each of the following groups in any combination at the 200, 300 or 400 level: Global/Thematic/Public History
History of Asia/Africa	History of Asia/Africa
History of Europe	History of Europe
History of the Americas	History of the Americas

Rationale:

The title of HIST 379 is updated in the Public History with Internship Option: Honours in History

Resource Implications:

None

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: Global/Thematic/Public History
Calendar Section Type: Defined group
Description of Change: Global/Thematic/Public History Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Programs > History Course Groups

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Global/Thematic/Public History	**credits**	Global/Thematic/Public History
HIST 274 The Atlantic World (3)		HIST 274 The Atlantic World (3)
HIST 281 Film in History (3)		HIST 281 Film in History (3)
HIST 283 The 20th Century: A Global History (3)		HIST 283 The 20th Century: A Global History (3)
HIST 285 Introduction to Law and Society (3)		HIST 285 Introduction to Law and Society (3)
HIST 306 History and the Public (3)		HIST 306 History and the Public (3)
HIST 328 The Scientific Revolution (3)		HIST 308 Cultures in Contact: A History of Migration (3)
HIST 329 Music in History (3)		HIST 328 The Scientific Revolution (3)
HIST 332 United States, Cuban and Mexican Relations (3)		HIST 329 Music in History (3)
HIST 338 History and the Graphic Novel (3)		HIST 332 United States, Cuban and Mexican Relations (3)
HIST 346 Sexuality in History (3)		HIST 338 History and the Graphic Novel (3)
HIST 359 The History and Sociology of Genocide to 1945 (3)		HIST 346 Sexuality in History (3)
HIST 360 The History and Sociology of Genocide from 1945 to the Present (3)		HIST 359 The History and Sociology of Genocide to 1945 (3)
HIST 365 Human Rights and Genocide Prevention in History (3)		HIST 360 The History and Sociology of Genocide from 1945 to the Present (3)
HIST 379 History through Visual Media and ~~Material Culture~~ (3)		HIST 3620 African Slavery in Global Perspective (3)
HIST 380 History and Digital Media (3)		HIST 365 Human Rights and Genocide Prevention in History (3)
HIST 381 The Politics of the Past (3)		HIST 3750 Global History in the Indian Ocean World (3)
HIST 387 Selected Topics in Public History (3)		HIST 379 History through Visual Media and Performance (3)
HIST 388 Oral History and Creative Practice (3)		HIST 380 History and Digital Media (3)
HIST 389 Ethnography: Doing Micro-History of the Present (3)		HIST 381 The Politics of the Past (3)
HIST 390 Urban History Laboratory (3)		HIST 387 Selected Topics in Public History (3)
HIST 393 Coffee in History (3)		HIST 388 Oral History and Creative Practice (3)
HIST 394 Food in History (3)		HIST 389 Ethnography: Doing Micro-History of the Present (3)
HIST 395 Environmental History (3)		HIST 390 Urban History Laboratory (3)
HIST 397 History and Sound (3)		
HIST 445 Advanced Study in Global and Thematic History (3)		

Present Text (from 2021) calendar	Proposed Text
HIST 475 Advanced Study in the History of Gender and Sexuality (3) HIST 477 Advanced Study in the History of Human Rights and Justice (3) HIST 479 Advanced Study in Women's History (3) HIST 481 Advanced Study in Public History (3) HIST 485 Public History Workshop (3)	HIST 393 Coffee in History (3) HIST 394 Food in History (3) HIST 395 Environmental History (3) HIST 397 History and Sound (3) HIST 445 Advanced Study in Global and Thematic History (3) HIST 475 Advanced Study in the History of Gender and Sexuality (3) HIST 477 Advanced Study in the History of Human Rights and Justice (3) HIST 479 Advanced Study in Women's History (3) HIST 481 Advanced Study in Public History (3) HIST 485 Public History Workshop (3)

Rationale:
HIST 3620 *African Slavery in Global Perspective*; HIST 3750 *Global History in the Indian Ocean World* are added to the Global/Thematic/Public History defined group. HIST 308, has moved into the "Thematic/Global/Public History" category, as it no longer focuses on the history of the Americas. The title of HIST 379 title is also updated in the program requirements. These courses will expand our offerings and also reflect an increasing emphasis on trans-national and cultural themes both in our department and in the discipline of history generally.

Resource Implications:

These courses will be taught through the regular faculty allocations.

D4

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: History of Asia or Africa
Calendar Section Type: Defined group
Description of Change: History of Asia or Africa Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Programs > History Course Groups

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
History of Asia or Africa	**credits**	History of Asia or Africa
HIST 242 History of the Middle East (3)		HIST 242 History of the Middle East (3)
HIST 261 History of South Asia (3)		HIST 261 History of South Asia (3)
HIST 262 History of China (3)		HIST 262 History of China (3)
HIST 263 History of Japan (3)		HIST 263 History of Japan (3)
HIST 264 History of Africa (3)		HIST 264 History of Africa (3)
HIST 345 Postwar Japanese History (3)		HIST 3430 History of the Ottoman Empire (3)
HIST 347 Gender and Sexuality in South Asia (3)		HIST 345 Postwar Japanese History (3)
HIST 348 History of Violence: Middle East 1798 – Present (3)		HIST 347 Gender and Sexuality in South Asia (3)
HIST 363 Africa in the 20th Century (3)		HIST 348 History of Violence: Middle East 1798 – Present (3)
HIST 364 Modern South Asia (3)		HIST 363 Africa in the 20th Century (3)
HIST 366 Early Modern China (3)		HIST 364 Modern South Asia (3)
HIST 367 Modern China (3)		HIST 366 Early Modern China (3)
HIST 368 African Popular Culture (3)		HIST 367 Modern China (3)
HIST 369 Middle East: Empire, Gender, and Sexuality in Modern Times (3)		HIST 368 African Popular Culture (3)
HIST 370 Japanese Popular Culture (3)		HIST 369 Middle East: Empire, Gender, and Sexuality in Modern Times (3)
HIST 373 The Pacific War (3)		HIST 370 Japanese Popular Culture (3)
HIST 374 Egypt and the World Since 1798 (3)		HIST 373 The Pacific War (3)
HIST 462 Advanced Study in Asian History (3)		HIST 374 Egypt and the World Since 1798 (3)
HIST 467 Advanced Study in Middle Eastern History (3)		HIST 3750 Global History in the Indian Ocean World (3)
HIST 471 Advanced Study in African History (3)		HIST 462 Advanced Study in Asian History (3)
		HIST 467 Advanced Study in Middle Eastern History (3)
		HIST 471 Advanced Study in African History (3)

Rationale:
HIST 3430 *History of the Ottoman Empire*; HIST 3750 *Global History in the Indian Ocean World* are added to the

Asia and Africa defined group.

These courses will expand our offerings in this area and in the discipline of history generally.

Resource Implications:

These courses will be taught through regular faculty allotment.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: History of Europe
Calendar Section Type: Defined group
Description of Change: History of Europe Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Programs > History Course Groups

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
History of Europe	**credits**	History of Europe
HIST 202 Modern Europe (3)		HIST 202 Modern Europe (3)
HIST 206 Medieval Europe (3)		HIST 206 Medieval Europe (3)
HIST 207 Early Modern Europe (3)		HIST 207 Early Modern Europe (3)
HIST 208 Introduction to the History of the Balkans (3)		HIST 208 Introduction to the History of the Balkans (3)
HIST 211 History of Ireland (3)		HIST 211 History of Ireland (3)
HIST 235 The Holocaust (3)		HIST 235 The Holocaust (3)
HIST ~~325 The European Renaissance (3)~~ ~~HIST~~ 326 Reformations in Early Modern Europe (3)		HIST 326 Reformations in Early Modern Europe (3)
HIST 328 The Scientific Revolution ~~(3)~~ ~~HIST 335 Barbarian Invasions and the Birth of Europe~~ (3)		HIST 328 The Scientific Revolution (3)
HIST 340 Early Modern Britain and Ireland (3)		HIST 340 Early Modern Britain and Ireland (3)
HIST ~~341 History of Britain Since 1714 (3)~~ ~~HIST~~ 342 Crime and Punishment in Medieval Europe (3)		HIST 342 Crime and Punishment in Medieval Europe (3)
HIST 344 Rise and Fall of Yugoslavia (3)		HIST 3430 History of the Ottoman Empire (3)
HIST 350 Medieval England (3)		HIST 344 Rise and Fall of Yugoslavia (3)
HIST 351 England in the Reign of Henry VIII ~~(3)~~ ~~HIST 352 German History in the 20th Century~~ (3)		HIST 350 Medieval England (3)
HIST 371 History of the Russian Revolutionary Movement, 1825-1922 (3)		HIST 351 England in the Reign of Henry VIII (3)
HIST 377 History of Russia, 1694-1917 (3)		HIST 371 History of the Russian Revolutionary Movement, 1825-1922 (3)
HIST 378 History of the Soviet Union (3)		HIST 377 History of Russia, 1694-1917 (3)
HIST 382 Age of Enlightenment (3)		HIST 378 History of the Soviet Union (3)
HIST 383 Age of Revolution (3)		HIST 382 Age of Enlightenment (3)
HIST ~~384 Age of Industrialization and Nationalism 1848-1914 (3)~~ ~~HIST~~ 385 Age of Dictators: Europe, 1914-1945 (3)		HIST 383 Age of Revolution (3)
HIST 386 Contemporary Europe: 1945 to the Present (3)		HIST 385 Age of Dictators: Europe, 1914-1945 (3)
		HIST 386 Contemporary Europe: 1945 to the Present (3)
		HIST 392 War, Peace, and Society in France since 1870 (3)
		HIST 437 Advanced Study in European History (3)

Present Text (from 2021) calendar	Proposed Text
HIST 392 France ~~1871 to the Present~~ (3) HIST 437 Advanced Study in European History (3)	

Rationale:

These courses will expand our offerings in European history, by adding a new course, HIST 3430 *History of the Ottoman Empire* and updating the description of HIST 392 *War, Peace and Society in France since 1870*. Adding a new course HIST 3430 *History of the Ottoman Empire* will add more depth to the grouping.

Five courses are to be deleted as they have become redundant to the program.

Resource Implications:

HIST 3430 will be taught through on a regular rotation and will be part of the department's regular faculty allotment.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: History of the Americas
Calendar Section Type: Defined group
Description of Change: History of the Americas Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Programs > History Course Groups

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
History of the Americas	**credits**	History of the Americas
HIST 203 History of Canada, Pre-Confederation (3)		HIST 203 History of Canada, Pre-Confederation (3)
HIST 205 History of Canada, Post-Confederation (3)		HIST 205 History of Canada, Post-Confederation (3)
HIST 209 Quebec to 1867 (3)		HIST 209 Quebec to 1867 (3)
HIST 210 Quebec since Confederation (3)		HIST 210 Quebec since Confederation (3)
HIST 251 History of the United States to the Civil War Era (3)		HIST 251 History of the United States to the Civil War Era (3)
HIST 253 History of the United States since the Civil War Era (3)		HIST 253 History of the United States since the Civil War Era (3)
HIST 276 History of Latin America: The Colonial Period (3)		HIST 276 History of Latin America: The Colonial Period (3)
HIST 277 History of Latin America: The Modern Period (3)		HIST 277 History of Latin America: The Modern Period (3)
HIST 302 The Invasion of America: European Colonization and Indigenous Resistance before 1800 (3)		HIST 302 The Invasion of America: European Colonization and Indigenous Resistance before 1800 (3)
HIST 303 Native North American History Since 1800 (3)		HIST 303 Native North American History Since 1800 (3)
HIST 307 History of Montreal (3)		HIST 307 History of Montreal (3)
HIST ~~308 Cultures in Contact: A History of Migrations to North America (3)~~		HIST 309 Law and Society in Canadian History (3)
~~HIST~~ 309 Law and Society in Canadian History ~~(3)~~		HIST 313 Quebec in the 19th Century (3)
~~HIST 311 Contemporary Canada, 1939 to the Present~~ (3)		HIST 314 Quebec in the 20th Century (3)
HIST 313 Quebec in the 19th Century (3)		HIST 315 Rights and Freedoms in Canadian Society (3)
HIST 314 Quebec in the 20th Century (3)		HIST 318 Modernist New York (3)
HIST 315 Rights and Freedoms in Canadian Society (3)		HIST 320 American Culture, 1900–1945 (3)
HIST 318 Modernist New York (3)		HIST 321 American Culture Since 1945 (3)
HIST 320 American Culture, 1900–1945 (3)		HIST 324 United States, 1877-1924 (3)
HIST 321 American Culture Since 1945 (3)		HIST 333 History of Haiti: From Contact to Independence (3)
		HIST 334 History of Haiti: From Independence to

Present Text (from 2021) calendar	Proposed Text
HIST 324 United States, 1877-1924 (3) HIST 333 History of Haiti: From Contact to Independence (3) HIST 334 History of Haiti: From Independence to Present (3) HIST 336 Deviancy and Orthodoxy in the History of Mexico (3) HIST 339 Crime and Punishment in Canadian History (3) HIST 353 Colonial America and the Atlantic World (3) HIST 354 Revolutionary America (3) HIST 355 United States in the 19th Century, 1815–1850 (3) HIST 356 United States in the 19th Century: The Era of the Civil War (3) HIST 357 Foreign Relations of the United States to 1945 (3) HIST 358 Foreign Relations of the United States, 1945 to the Present (3) HIST 372 Latin American History Via the Novel (3) HIST 376 The Caribbean and the Atlantic World (3) HIST 396 The United States Since 1945 (3) HIST 412 Advanced Study in Canadian History (3) HIST 452 Advanced Study in American History (3) HIST 457 Advanced Study in Latin American and Caribbean History (3)	Present (3) HIST 336 Deviancy and Orthodoxy in the History of Mexico (3) HIST 339 Crime and Punishment in Canadian History (3) HIST 353 Colonial America and the Atlantic World (3) HIST 354 Revolutionary America (3) HIST 355 United States in the 19th Century, 1815–1850 (3) HIST 356 United States in the 19th Century: The Era of the Civil War (3) HIST 357 Foreign Relations of the United States to 1945 (3) HIST 358 Foreign Relations of the United States, 1945 to the Present (3) HIST 372 Latin American History Via the Novel (3) HIST 376 The Caribbean and the Atlantic World (3) HIST 396 The United States Since 1945 (3) HIST 412 Advanced Study in Canadian History (3) HIST 452 Advanced Study in American History (3) HIST 457 Advanced Study in Latin American and Caribbean History (3)

Rationale:

HIST 311 will be deleted as it has become redundant to the program and another course, HIST 308, has moved into the "Thematic/Global/Public History" category, as it no longer focuses on the history of the Americas.

Resource Implications:

None.

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: Certificate in Immigration Studies
Calendar Section Type: Program
Description of Change: Certificate in Immigration Studies Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History
Program Name: Certificate in Immigration Studies
Program Type: None
Degree: Non-degree program (certificate or minor)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.540 School of Community and Public Affairs > School of Community and Public Affairs Programs > Immigration Studies > Certificate in Immigration Studies > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar

30 credits Certificate in Immigration Studies

12 credits:
SCPA 212 Introduction to Global Migration: Theories and Issues (3)
SCPA 315 Immigration in Quebec and Canada (3)
SCPA 481 Settlement and Integration (3)
SCPA 482 Field Project in Immigration, Migration and Diversity (3)

18 credits chosen from:
ANTH 202 Introduction to Culture (3)
~~ANTH 230 Race~~ and ~~Ethnic Relations~~ (3)
ANTH 381 Ethnic Communities in Canada (3)
~~GEOG 210 Geography~~ of ~~Global Change~~ (3)
GEOG ~~220 Place, Space, and Identity~~ (3)
GEOG 310 Refugees and Migration in Today's World (3)
~~GEOG 321 A World of Food (3)~~
~~HIST 212 The Irish in Canada (3)~~
HIST 283 The 20th Century: A Global History (3)
HIST ~~302~~ The ~~Invasion of America: European Colonization and Indigenous Resistance before 1800 (3)~~
~~HIST 308 Cultures~~ in ~~Contact: A History of Migrations to North America~~ (3)
IRST 210 The Irish in Canada (3)
IRST 303 The Global Irish (3)
~~POLI~~ 339 Quebec Politics and Society/La vie

Proposed Text

30 credits Certificate in Immigration Studies

12 credits:
SCPA 212 Introduction to Global Migration: Theories and Issues (3)
SCPA 315 Immigration in Quebec and Canada (3)
SCPA 481 Settlement and Integration (3)
SCPA 482 Field Project in Immigration, Migration and Diversity (3)

18 credits chosen from:
ANTH 202 Introduction to Culture (3)
GEOG 220 Place, Space, and Identity (3)
ANTH 381 Ethnic Communities in Canada (3)
HIST 302 The Invasion of America: European Colonization and Indigenous Resistance before 1800 (3)
GEOG 321 A World of Food (3)
GEOG 310 Refugees and Migration in Today's World (3)
HIST 283 The 20th Century: A Global History (3)
HIST 212 The Irish in Canada (3)
IRST 210 The Irish in Canada (3)
IRST 303 The Global Irish (3)
SCPA 339 Quebec Politics and Society/La vie politique québécoise (3)
POLI 340 Canadian Political Culture (3)
POLI 339 Quebec Politics and Society/La vie politique québécoise (3)
RELI 312 Justice and Social Conflict in a Globalized World (3)

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politique québécoise (3)
POLI 340 Canadian Political Culture (3)
POLI ~~349 Political and Social Theory~~ and ~~the City~~ (3)
RELI 312 Justice and Social Conflict in a Globalized World (3)
~~SCPA 339 Quebec Politics~~ and ~~Society/La vie politique québécoise~~ (3)
~~SOCI~~ 230 Race and Ethnic Relations (3)
SOCI 381 Ethnic Communities in Canada (3)
THEO 233 Religious Pluralism in a Secular Culture (3)
~~THEO 343 Religion and Politics~~ (3)

Note: The following courses are cross-listed:

ANTH 230 and SOCI 230

ANTH 381 and SOCI 381

HIST 212 and IRST 210

POLI 339 and SCPA 339

POLI 349 Political and Social Theory and the City (3)
ANTH 230 Race and Ethnic Relations (3)
HIST 308 Cultures in Contact: A History of Migration (3)
SOCI 381 Ethnic Communities in Canada (3)
SOCI 230 Race and Ethnic Relations (3)
THEO 343 Religion and Politics (3)
THEO 233 Religious Pluralism in a Secular Culture (3)
GEOG 210 Geography of Global Change (3)

Note: The following courses are cross-listed:

ANTH 230 and SOCI 230

ANTH 381 and SOCI 381

HIST 212 and IRST 210

POLI 339 and SCPA 339

Rationale:
The title of

Resource Implications:

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 308
Calendar Section Type: Course
Description of Change: HIST 308 Cultures in Contact: A History of Migration Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
HIST 308 Cultures in Contact: A History of ~~Migrations to North America~~ (3 credits)	HIST 308 Cultures in Contact: A History of Migration (3 credits)
Prerequisites:	*Prerequisites:*
Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.	Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
This course traces the journeys of ~~men, women, and children who left their homelands and came to North America in search~~ of ~~economic opportunities~~ and ~~political and religious freedoms. Focusing on the 19th- and 20th-century waves~~ of ~~migration, students examine the communities migrants created, the discrimination they faced, and the manifold ways in which they, in turn, changed their host societies.~~	This course traces the fluid journeys of voluntary and/or forced migrants. Topics may include enslavement, refugee experiences, displacement of other peoples, foodways, labour, and histories of child migration.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for this topic under a HIST 398 number may not take this course for credit.	**Equivalent Courses :** Students who have received credit for this topic under a HIST 398 number may not take this course for credit.

Rationale:

The description is being updated to reflect curricular focus on global history and to enable approaches to the history of migration from multiple perspectives. In its revised form the course will suit the emphases of our newly-installed curriculum, where the History courses have been divided into four defined groupings.

Resource Implications:
This course will be taught through the regular faculty allocation.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 311
Calendar Section Type: Course
Description of Change: HIST 311 Contemporary Canada, 1939 to the Present Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~HIST 311 Contemporary Canada, 1939 to the Present~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.~~	
Description :	*Description :*
~~An intensive study of Canada since World War II concentrating on selected themes in economic, political, social, and cultural history.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*

Rationale:
This course no longer is an integral part of our program requirements or our teaching priorities. It has not been taught in over a decade. While a number of 300-level Canadian courses have been removed, Canadian courses are not a requirement at the 300-level and students have the option of taking a wide range of other courses in the history of Canada and Quebec.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 325
Calendar Section Type: Course
Description of Change: HIST 325 The European Renaissance Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~HIST 325 The European Renaissance~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.~~	
Description :	*Description :*
~~This course surveys European history from the beginnings of the Italian Renaissance in the late 14th century to the Reformation in the early 16th century. Major themes include Renaissance humanism, the emergence of print culture, the exploration of the New World, changes in social structure, and the consolidation of monarchy.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*

Rationale:
This course no longer is an integral part of our program requirements or our teaching priorities. It has not been taught in over a decade.

Resource Implications:
None.

D16

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 335
Calendar Section Type: Course
Description of Change: HIST 335 Barbarian Invasions and the Birth of Europe Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~HIST 335 Barbarian Invasions and the Birth of Europe~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.~~	
Description :	*Description :*
~~This course examines the arrival and settlement of new populations in the Roman world. It analyzes the changes that this event brought in its wake. Classical civilization was disrupted, but there was also a symbiosis of the old and the new, which in time gave rise to Europe in the Middle Ages.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*

Rationale:
This course no longer is an integral part of our program requirements or our teaching priorities. It has not been taught in over a decade.

Resource Implications:
None.

D17

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 341
Calendar Section Type: Course
Description of Change: HIST 341 History of Britain Since 1714
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~HIST 341 History of Britain Since 1714~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.~~	
Description :	*Description :*
~~This course is a survey of the political, economic, and social development of Britain since the Stuart Era.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*

Rationale:
This course no longer is an integral part of our program requirements or our teaching priorities. It has not been taught in over a decade.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 3430
Calendar Section Type: Course
Description of Change: HIST 3430 History of the Ottoman Empire
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	HIST 3430 History of the Ottoman Empire (3 credits)
Prerequisites:	*Prerequisites:* Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :* This course surveys the history of the Ottoman Empire (broadly covering parts of the Balkans, Anatolia, the Middle East, and parts of northern Africa) from the 1300s to its demise in the 1920s. While following both internal and external developments, this course also pays close attention to the historiographical debates that have shaped the field.
Component(s):	*Component(s):* Lecture
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who received credit for this topic under a HIST 398 number may not take this course for credit.

Rationale:

The History Department currently does not offer a regular course on the Ottoman Empire, one of the longest running, geographically expansive, and culturally diverse empires in world history. This course complements existing courses on the history of the Balkans and Middle East and fits into the curricula for undergraduate History programs. It also continues the process of broadening the geographic scope of the current course offerings. With a focus on historiographical debates and the politics of history and historiography, this course also creates links to Public History.

Enrolment: This course has previously been offered as a HIST 398 with the following enrollments:

- Fall 2020 - 42/45

- Fall 2021 - 42/45
- Fall 2022 - 44/45

Resource Implications:

This course will be taught through the regular faculty allocation.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 352
Calendar Section Type: Course
Description of Change: HIST 352 German History in the 20th Century Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~HIST 352 German History in the 20th Century~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.~~	
Description :	*Description :*
~~This course studies the ideological, cultural, political, and socio-economic development of Germany from the First World War to the present.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*

Rationale:
This course no longer is an integral part of our program requirements or our teaching priorities. It has not been taught since 2014.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 3620
Calendar Section Type: Course
Description of Change: HIST 3620 African Slavery in Global Perspective New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	HIST 3620 African Slavery in Global Perspective (3 credits)
Prerequisites:	*Prerequisites:* Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :* This course introduces students to the history of African slavery from a global perspective (broadly covering the Americas, Africa, the Middle East, and parts of the Indian Ocean littoral) from the 15th century to its legacies in the present. Throughout, the aim is to tell this history from the perspective of the enslaved and their descendants.
Component(s):	*Component(s):* Lecture
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a HIST 398 number may not take this course for credit.

Rationale:
This course is one of the few in the department course offerings that centre entirely on Black historical experiences. This course fits into the curricula for undergraduate History programs by adding to the diverse geographical coverage of current offerings. It does so by linking together other course material on the Atlantic World, Africa, the Middle East, and South Asia. This course further develops the department's growing global history strengths by demonstrating the comparability and connectivity between seemingly disparate regions that have traditionally been sealed off from each other in area studies. As a regular offering it will draw students interested in the threads connecting the Western and non-Western worlds.

Enrolment: This course was offered successfully as a HIST 398 course number in Winter 2021 and Winter 2022 (the latter as a last-minute addition to the schedule).

Winter 2021- 33/45
Winter 2022 -11/45 [low enrollment due to a last-minute addition to schedule due to an administrative error]

Resource Implications:

This course will be taught through the regular faculty allocation.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 3750
Calendar Section Type: Course
Description of Change: HIST 3750 Global History in the Indian Ocean World New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	HIST 3750 Global History in the Indian Ocean World (3 credits)
Prerequisites:	*Prerequisites:* Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :* This course introduces students to the connected histories of the transregional arena labeled the Indian Ocean World. It pays particular attention to how the global as a modern geopolitical and economic conception of the world grew from deep roots in Afro-Asian coastlines and the oceanic highway connecting them.
Component(s):	*Component(s):* Lecture
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a HIST 398 number may not take this course for credit.

Rationale:
This course adds to the already rich geographical diversity of the History department offerings. Moreover, it complements what is already offered in the curriculum in the histories of Asia and Africa (e.g. HIST 261, 264, 347, 348, 364, 368, 369) and parallels offerings centred on oceanic histories, such as HIST 274, The Atlantic World. Finally, the course broadens and deepens the department's emerging global history pedagogy.

Enrolment: This course has successfully been taught twice in Winter 2019 and Winter 2021 (with a third offering to come in Winter 2023), under a HIST 398 number.

Winter 2019 -15/45
Winter 2021 - 37/45

Resource Implications:

This course will be taught through the regular faculty allocation.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 379
Calendar Section Type: Course
Description of Change: HIST 379 History through Visual Media and Performance Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
HIST 379 History through Visual Media and ~~Material Culture~~ (3 credits)	HIST 379 History through Visual Media and Performance (3 credits)
Prerequisites:	*Prerequisites:*
Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.	Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
Public encounters with history are increasingly mediated by ~~television, film, the Internet,~~ and museological ~~experiences.~~ This course explores the relationship between the public and the past by examining issues in the production, distribution, and reception of history via ~~these new and~~ changing ~~technologies.~~	Public encounters with history are increasingly mediated by visual media, artistic production, activism, and museological experiences, amoung others. This course explores the relationship between the public and the past by examining issues in the production, distribution, and reception of history via such changing technologies and practices.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*

Rationale:

The description and title update will reflect the interdisciplinary approaches to public history. In its revised form the course will better suit the emphases of our newly-installed curriculum, within the new defined History groupings.

The new description removes the terminology: television, film and internet and replaces with new terminology: visual media, artistic production and activism, which allows broader topic exploration.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 384
Calendar Section Type: Course
Description of Change: HIST 384 Age of Industrialization and Nationalism 1848-1914 Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~HIST 384 Age of Industrialization and Nationalism 1848-1914 (3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.~~	
Description :	*Description :*
~~A study of the transformation of European society, economy, and politics in the years between the upheavals of the mid-19th century and the collapse of the traditional order in World War I.~~	
Component(s):	*Component(s):*
~~Lecture~~	
Notes :	*Notes :*

Rationale:
This course has not been taught since 1989 (and was taught only twice between 1980 and 1989). It reflects a "coverage" approach to the course sequence in the history of Europe that no longer characterizes our teaching (or that of other History departments in Canada and the US). The subject matter of nineteenth-century Europe is taught in a number of other courses, including HIST 202 (taught in multiple sections every year), 371, 377, and 392, among other courses. In particular, it was felt that HIST 384 significantly duplicated HIST 202, accounting for its falling off our cycle of regularly-offered courses.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 392
Calendar Section Type: Course
Description of Change: HIST 392 War, Peace, and Society in France since 1870 Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
HIST 392 France ~~1871 to the Present~~ (3 credits)	HIST 392 War, Peace, and Society in France since 1870 (3 credits)
Prerequisites:	*Prerequisites:*
Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.	Students must have successfully completed 24 credits prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
This course ~~introduces students to~~ the history of France ~~from~~ the Commune of ~~1871 to~~ the ~~Fifth~~ Republic. ~~This~~ course ~~deals with such issues as the Dreyfus Affair,~~ the ~~legacy of two World Wars~~ in ~~French history,~~ the ~~Vichy regime, collaboration~~ and ~~French fascism,~~ the ~~May events~~ of ~~1968, and so forth. Political, social, and intellectual developments will be discussed.~~	This course examines the tumultuous history of France since the German invasion of 1870 which occasioned the fall of the Second Empire, the short-lived revolutionary Paris Commune of 1871, and the establishment of the Third Republic. Of central concern to this course is the way in which France has dealt with the challenges of three German invasions, internal political and social crises, and the heritage of decolonisation in the post-Second World War period.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*

Rationale:

The description and title are being updated to reflect current approaches to the study of modern French history.

The new description makes the German invasion of 1870, rather than the Paris Commune of 1871, the starting point for the course. Specific issues (Dreyfus Affair, legacy or two World Wars, Vichy regime and French fascism) are replaced with more general terminology, allowing for broader exploration of the topic.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Curriculum Revisions, Department of History

Calendar Section Name: HIST 4900
Calendar Section Type: Course
Description of Change: HIST 4900 Joint Seminar in History and English New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.160 Department of History > History Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	HIST 4900 Joint Seminar in History and English (6 credits) (also listed as ENGL 490)
Prerequisites:	*Prerequisites:* 400-level courses are generally open to honours and specialization students, or students of high academic standing, with a minimum of 30 university credits.
Description :	*Description :* This upper-level seminar explores literary and historical approaches to a selected topic, which varies from year to year. The course offers a unique opportunity for students to explore how the different disciplines of English and History think about knowledge production under the collaborative guidance of scholars in these two fields.
Component(s):	*Component(s):* Seminar
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for ENGL 490 or HIST 498 under the same topic may not take this course for credit.

Rationale:

This course would be the match for the current course ENGL 490. The class is intended as a capstone for the Joint Specialization in English and History; with permission, students in other History programs may also enroll. (see AS-ENGL-5137)

Both the History and English departments have expressed interest in establishing this as a regularly offered course, jointly taught by two faculty members, one each from the English and History departments. In 2022-23, it will be taught on a medieval topic; in subsequent years other instructor teams could offer the course on a host of possible subjects in which anglophone literatures touch historical scholarship.

This as a unique opportunity for students to explore how the different disciplines think about knowledge production under the collaborative guidance of scholars in these two fields.

Enrollment:

- Fall/Winter 2022/23 - 8/22

This is a healthy enrolment for a seminar course without a HIST number (that did impede HIST enrolments for sure, as it's not even listed on our webpage with course offerings) and requiring a 6-credit commitment, rare both in HIST and in ENGL. The course is working really well, exactly as hoped, and is an exciting learning and teaching opportunity for all involved.

Resource Implications:

This course will be taught by two regular faculty allocations in both History and English departments.

Impact Report

Programs

Certificate in Immigration Studies
Source of Impact

- HIST 308

Honours in History
Source of Impact

- Public History with Internship Option: Honours in History

Joint Specialization in English and History
Source of Impact

- Global/Thematic/Public History
- History of Asia/Africa
- History of Europe
- History of the Americas

Joint Specialization in English and History
Source of Impact

- Global/Thematic/Public History
- History of Asia/Africa
- History of Europe
- History of the Americas

Major in History
Source of Impact

- Global/Thematic/Public History
- History of Asia/Africa
- History of Europe
- History of the Americas

Minor in History
Source of Impact

- Global/Thematic/Public History
- History of Asia/Africa
- History of Europe
- History of the Americas

Minor in Immigration Studies
Source of Impact

- HIST 308

Specialization in History
Source of Impact

- Global/Thematic/Public History

- History of Asia/Africa
- History of Europe
- History of the Americas

Defined Groups

Global/Thematic/Public History
Source of Impact

- HIST 308
- HIST 379

History of Europe
Source of Impact

- HIST 325
- HIST 335
- HIST 341
- HIST 352
- HIST 384
- HIST 392

History of the Americas
Source of Impact

- HIST 308
- HIST 311

Honours Essay Option: History
Source of Impact

- Global/Thematic/Public History
- History of Asia/Africa
- History of Europe
- History of the Americas

Public History with Internship Option: Honours in History
Source of Impact

- Global/Thematic/Public History
- HIST 379
- History of Asia/Africa
- History of Europe
- History of the Americas

Seminar Option: Honours in History
Source of Impact

- Global/Thematic/Public History
- History of Asia/Africa
- History of Europe
- History of the Americas

Courses

HIST 3430 History of the Ottoman Empire New
Source of Impact

HIST 3620 African Slavery in Global Perspective New
Source of Impact

HIST 3750 Global History in the Indian Ocean World New
Source of Impact

HIST 4900 Joint Seminar in History and English New
Source of Impact

Other Units

Addition of **ENGL 490** to **HIST 4900** requirement
Source of other unit Impact

- Course is housed in Section 31.100 Department of English

Re: Message indicating approval for ENGL 490 to have a History number

Stephen Yeager <stephen.yeager@concordia.ca>
Wed 8/31/2022 11:32 AM

To: Alison Rowley <alison.rowley@concordia.ca>;Shannon McSheffrey <Shannon.McSheffrey@concordia.ca>;Olivia Ward <olivia.ward@concordia.ca>

Cc: Alycia Manning <alycia.manning@concordia.ca>

The English department has no objection to adding a HIST code for ENGL 490, and we look forward to continuing to jointly offer the course in years ahead.

Thanks,

Stephen Yeager

From: Alison Rowley <alison.rowley@concordia.ca>
Sent: Wednesday, August 31, 2022 10:41 AM
To: Stephen Yeager <stephen.yeager@concordia.ca>; Shannon McSheffrey <Shannon.McSheffrey@concordia.ca>
Cc: Alycia Manning <alycia.manning@concordia.ca>
Subject: Message indicating approval for ENGL 490 to have a History number

Dear Stephen,

The History Department is submitted a small curriculum change package this week and we are missing a small piece: a message or letter from the English Department indicating that you have no objections to our adding a HIST code for ENGL 490, which is the joint-seminar that serves as a kind of capstone for the Joint-Specialization Program. This year the course is being offered but only under the ENGL 490 number.

The CCMS system will not let us use a 3-digit number so the code we are going to have to use is HIST 4900.

Can you please send me an email/letter saying that the English Department supports the change? Then it can be added to the package as a formality.

Thank you.
Alison

Dr. Alison Rowley
Past President, *Canadian Association of Slavists*
Professor and Chair, Department of History
Concordia University
Montreal, QC
Canada

HIST 3430 - History of the Ottoman Empire (3 credits)

Prerequisite: none

Description:

This course surveys the history of the Ottoman Empire (broadly covering parts of the Balkans, Anatolia, the Middle East, and parts of northern Africa) from its foundations in the 1300s to its demise in the 1920s. While following a chronological progression, this course will be structured around 3 key elements: **History**, **Sources**, and **Historiography**.

In **History**, we will examine the most important developments in the history of the Ottoman Empire as it moved from a small warrior-led statelet in 1300 to a global empire, and finally to a key player in World War I.

In each lecture, we will discuss in detail some of the **Sources** that historians of the Ottoman Empire have analyzed, used, and based their research and arguments upon. We will be 'thinking like historians' in evaluating the significance and importance of the information that forms the basis of our knowledge in the field of Ottoman History.

In **Historiography**, we will take took a closer look at the history and development of the field of Ottoman Studies, with special attention to some of the most important historians and writers that have shaped or are shaping it. Understanding the individuals behind the articles and books we read helps us understand the 'why' and 'how' these histories came to be written in the first place.

Course Objectives:

1. To deliver an engaging 300-level History course during a global pandemic.
2. To develop a deep understanding of the history of the Ottoman Empire with an eye to the primary sources that the field is based upon, and the development of this historical subfield.
3. To improve critical reading and writing skills by engaging with primary and secondary sources and writing concise and precise analytical essays about them.

Student Evaluation:

Guest lecture report	5%
Assignment 1 -- Proposal	10%
Assignment 2 -- Progress Report	15%
Assignment 3 -- Term Paper	30%
Final exam	40%

HIST 3620 - African Slavery in Global Perspective (3 credits)

Prerequisite: none

Course Description:

This course surveys the history of African Slavery in a global perspective (broadly covering the Americas, Africa, the Middle East, and parts of the Indian Ocean littoral) from the 15th century to its legacies in the present, with a focus on the 19th century. Thus, unlike most traditional histories of slavery, this course will move beyond the 'Atlantic World' and connect and compare histories of enslavement and abolition across the globe. Throughout, the aim is to tell this history from the perspective of the enslaved and their descendants.

While following a chronological progression, this course will be structured around 3 key themes: **Definitions, Sources**, and **Historiography**.

In Definitions, will endeavour to answer the central question of this topic: how can we define 'slavery', 'abolition', and the African diaspora? To do so, we will be drawing upon a wide array of literature that has attempted to answer these seemingly straightforward questions.

In each lecture, we will discuss in detail some of the **Sources** that historians of African Slavery have analyzed, used, and based their research and arguments upon. We will be 'thinking like historians' in evaluating the significance and importance of the information that forms the basis of our knowledge in the field of Slavery Studies.

In **Historiography**, we will take a close look at the history and development of the field of Slavery Studies, with special attention to some of the most important historians and concepts that have shaped or are shaping it. Understanding the individuals behind the articles and books we read helps us understand the 'why' and 'how' these histories came to be written in the first place.

Course Objectives:

1. To deliver an engaging, online/in-person 300-level History course during a global pandemic.
2. To develop a refined understanding of the key moments in the global history of African Slavery with an eye to the primary sources that the field is based upon, and the development of this historical subfield.
3. To improve critical reading and writing skills by engaging with primary and secondary sources and writing concise and precise analytical essays about them.

Student Evaluation

Term paper consultation	3%
Documentary report	7%
Assignment 1 -- Proposal	10%

Assignment 2 -- Progress Report	15%
Assignment 3 -- Term Paper	25%
Final exam	40%

HIST 3750 Global History in the Indian Ocean World

Description:

This course introduces students to the connected histories of the transregional arena labeled the Indian Ocean World. It pays particular attention to how the global as a modern geopolitical and economic conception of the world grew from deep roots in Afro-Asian coastlines and the oceanic highway connecting them. We will briefly consider ancient linkages before spending most of our time on early modern and modern histories of maritime trade, forms of violence at sea, colonization and development of port towns, and movements of bonded and free labor, profit-seekers, and preachers. We will conclude with a reflection on the impacts of climate change on the fragile Indian Ocean ecosystems.

Assessment

Participation 25%: Given the special circumstances, participation will be assessed by response papers of 250 words for weeks 6 and 10 (marked *) and other short assignments you'll find in the schedule below. These are all graded pass (submitted), fail (not submitted).

Review 30% (Mar 12): Write a 5-page essay on In An Antique Land that incorporates the knowledge you've acquired about the medieval world. In addition, consult section 2, chapter 3 of S. D. Goitein, India Traders of the Middle Ages: Documents from the Cairo Geniza (CU e-book). See questions to guide your reading and writing on Moodle.

Project 45%: A research topic you identify by the second week of class will be carried out over term and submitted on the last day. You won't be bound to your original idea. This project, which may be a traditional term paper (15pp) or a "curation" (10pp text + captioned audio-visuals), will have serial components to keep you on track and will be detailed in an instruction sheet posted to Moodle.

ENGL 490/3, Seminar in English and History,

Special Topic 2022-23: "The Rising of 1381"

Abridged Syllabus

Prerequisite

Enrolment is open to History or English honours and specialization students with 30 credits or more, or students of high academic standing.

Description

This year-long seminar, jointly taught by faculty from the English and History departments, offers a unique opportunity for students to explore how the different disciplines think about knowledge production under the collaborative guidance of scholars in these two fields. In 2022-23, the course will focus on the literature and broader historical context of the Great Rising of 1381, the most significant popular revolt in England during the Middle Ages.

Learning Outcomes

When they have completed the course, students will be able to:

- Understand the events of June 1381, their effect on late-fourteenth-century English literature, and the significance of both the events and the literature for the history and culture of the English-speaking world.
- Apply research skills in History and English to develop research projects studying these events and their representation.
- Analyze different forms of primary materials, including textual, statistical, and manuscript evidence.
- Analyze secondary research, and synthesize long-standing scholarly conversations in order to identify points of contradiction or collective oversight.
- Create presentations and essays formalized according to the standards of professional researchers.

Assessments

- Attendance and Participation in Classroom discussion and Virtual Participation in online forums (40%)
- Essay Paraphrase (5%)
- Research Project Proposal (10%)

Undergraduate Program Regular Curriculum Change - AS-PHIL-4661 - VERSION : 3

Summary and Rationale for Changes

The Department of Philosophy is modifying the course description of PHIL 266 Introduction to Philosophy of Religion to reflect a more inclusive and broader range of religious traditions, including Christianity, Judaism, Islam, Buddhism, Hinduism, Daoism, and Indigenous religions. The existing description is non-inclusive. The existing description focuses on questions in philosophical theology—does God exist, and if so, what are God's attributes? are miracles real? why would a benevolent God permit evil?—specifically as these have arisen in the Judeo-Christian traditions. The new description reflects a fundamental shift in the organizing theme of the course. The central focus of the new course will instead be, 'what is religion?'. The department also intends to propose a redesign of the existing eConcordia course, outside of this curriculum change, as expertise now exists within our faculty to redesign this course.

The course description change has no resource implications. PHIL 266 will continue to be offered as part of the Department of Philosophy's regular section allotment.

Undergraduate Program Regular Curriculum Change - AS-PHIL-4661 - VERSION : 3

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Council, 28 Oct 2022

The following proposal was presented under ASFC-2022-6M-H and approved at the Arts and Science Faculty Council meeting on October 28, 2022. We request that it be reviewed at the Academic Programs Committee on November 18, 2022 for the implementation in the 2023-24 Undergraduate Calendar. Thank you for your consideration of this proposal which has no additional resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Pascale Sicotte, Dean, Faculty of Arts and Science,
Arts and Science Faculty Curriculum Committee, 28 Oct 2022

Approved by:

Richard Courtemanche, Associate Dean, Academic Programs,
Faculty Curriculum Committee, 26 Sep 2022

The Faculty Curriculum Committee (FCC) supports the course changes proposed in this dossier and recommends that it be reviewed at the next Arts and Science Faculty Council. The Department of Philosophy is proposing the modification of the course description for PHIL 266 *Introduction to Philosophy of Religion*. The proposed change in the description show that the content is moving away from philosophical beliefs to now reflect a more inclusive and extensive range of content focussing on religious traditions and cultures.

Summary of Committee Discussion: Department approval

For Submission to:

Dr. Richard Courtemanche, Associate Dean, Academic Programs, Faculty of Arts and Science,
Faculty Curriculum Committee, 23 Sep 2022

Approved by:

Emilia Angelova, Department Chair,
Philosophy Department Council, 09 Aug 2022

The new course description was approved by the USC and Department Council by email on August 9, 2022.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
PHIL 266 Introduction to Philosophy of Religion Change				X						

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: PHIL 266 Introduction to Philosophy of Religion

Calendar Section Name: PHIL 266
Calendar Section Type: Course
Description of Change: PHIL 266 Introduction to Philosophy of Religion Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Arts and Science

Department: Philosophy

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Aug 2023
Effective/Push to SIS date: 01 Aug 2023
Implementation/Start date: 01 Aug 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 31 Faculty of Arts and Science > Faculty of Arts and Science > Section 31.220 Department of Philosophy > Philosophy Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
PHIL 266 Introduction to Philosophy of Religion (3 credits)	PHIL 266 Introduction to Philosophy of Religion (3 credits)
Prerequisites:	*Prerequisites:*
Description :	*Description :*
This course ~~explores a long philosophical tradition concerned with various issues associated with~~ the ~~idea~~ of ~~God, such as the various proofs for God's existence,~~ and ~~questions~~ such as: ~~How does~~ the existence of evil ~~affect one's views about God~~ and ~~the nature of God? What is the status of miracles? What~~ are ~~the varieties~~ of religious ~~experience, what is the nature of religious faith? How is one to understand religious language?~~	This course examines the nature of religion and spirituality, and their role in human experience. It addresses topics such as: the existence of sacred reality; whether belief in the divine can be rational; the self, rebirth, and reincarnation; evil and divine justice; and religious pluralism. These topics are explored through a wide range of theistic and non-theistic religious traditions, including Christianity, Judaism, Islam, Buddhism, Hinduism, Daoism, and Indigenous religions.
Component(s):	*Component(s):*
Online	Online
Notes :	*Notes :*

Rationale:
The new description reflects a more inclusive and broader range of content.

Resource Implications:
The course description change has no resource implications. PHIL 266 will continue to be offered as part of the Department of Philosophy's regular section allotment.

Impact Report

- Research Project Presentation (20%)
- Final Essay (25%)

Undergraduate Program Regular Curriculum Change - FA-ARTH-3801 - VERSION : 1

Summary and Rationale for Changes

This dossier proposes two changes.

The first is a change to ARTH 348 prerequisites in order to harmonize them with those of its equivalent course, FMST 348.

The second proposes the addition of two seminars to the program requirements for the Major in Art History. This change would give students a greater sense of trajectory in their studies and better prepare them for graduate school, while ensuring our program remains competitive.

Please see the attached memo for a more complete explanation.

Undergraduate Program Regular Curriculum Change - FA-ARTH-3801 - VERSION : 1

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Dr. Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Meeting, 18 Nov 2022

Approved by:

Dr. Annie Gerin, Dean, Faculty of Arts,
Faculty Council, 14 Oct 2022

The Faculty of Arts Council has reviewed and approved the ARTH-3801 curriculum dossier from the Department of Art History in its meeting of 14 October 2022.

We hereby submit this dossier for review by the Academic Programs Committee on November 18, 2022.

There are no resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Dr. Annie Gerin, Dean, Faculty of Fine Arts,
Faculty Council, 14 Oct 2022

Approved by:

Dr. Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy, Office of the Dean, Faculty of Fine Arts,
Faculty Curriculum Committee, 07 Sep 2022

The Faculty of Fine Arts Curriculum Committee has reviewed and approved the ARTH-3801 curriculum changes below in the dossier submitted by the Department of Art History on September 7, 2022.

- The harmonization of the ARTH 348 prerequisites with those of FMST 348 by adding 'one of FMST 201, FMST 202, or FMST 203' to the existing prerequisites.
- The addition of two 400-level seminars (six credits) chosen from ARTH 400, ARTH 450, and 498 to the program requirements for the Major in Art History.

We hereby submit this dossier for review by the Faculty Council on October 14, 2022.

There are no resource implications.

Summary of Committee Discussion: Department approval

For Submission to:

Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy,
Faculty Curriculum Committee, 11 Apr 2022

Approved by:

John Potvin, Department Chair and Chair of Curriculum Committee,
Department Council and Curriculum Committee, 08 Nov 2021

The Art History Department Council unanimously approved the curriculum changes below at a meeting on November 8, 2021.

- The harmonization of the ARTH 348 prerequisites with those of FMST 348 by adding 'one of FMST 201, FMST 202, or FMST 203' to the existing prerequisites.
- The addition of two 400-level seminars (six credits) chosen from ARTH 400, ARTH 450, and 498 to the program requirements for the Major in Art History.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
ARTH 348 Special Topics in Art and Film Change					X					

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
Major in Art History Change				X			

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Art History Major Program Requirements and ARTH 348 prerequisites

Calendar Section Name: Major in Art History
Calendar Section Type: Program
Description of Change: Major in Art History Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Art History
Program Name: Major in Art History
Program Type: Major
Degree: Bachelor/Baccalaureate of Fine Arts (BFA)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Mar 2023
Effective/Push to SIS date: 01 Mar 2023
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.50 Department of Art History > Art History Programs > Art History > BFA Major in Art History > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar

66 credits Major in Art History

6 credits:
ARTH 200 Perspectives of Art History (6)

Note: ARTH 200 should be taken as part of the first 30 credits.

3 credits:
ARTH 300 Art Historical Methods (3)

Note: ARTH 300 should be taken as part of the first 60 credits.

6 credits chosen from Art History Group A – Media Based Studies

3 credits chosen from the following Art History Group B – Period Studies courses:
ARTH 360 Studies in Ancient Greek Art and Architecture (3)
ARTH 361 Studies in Ancient Roman Art and Architecture (3)
ARTH 362 Studies in Early Christian and Byzantine Art and Architecture (3)

3 credits chosen from the following Art History Group B – Period Studies courses:
ARTH 363 Studies in Medieval Art and Architecture (3)

Proposed Text

66 credits Major in Art History

6 credits:
ARTH 200 Perspectives of Art History (6)

Note: ARTH 200 should be taken as part of the first 30 credits.

3 credits:
ARTH 300 Art Historical Methods (3)

Note: ARTH 300 should be taken as part of the first 60 credits.

6 credits chosen from Art History Group A – Media Based Studies

3 credits chosen from the following Art History Group B – Period Studies courses:
ARTH 360 Studies in Ancient Greek Art and Architecture (3)
ARTH 361 Studies in Ancient Roman Art and Architecture (3)
ARTH 362 Studies in Early Christian and Byzantine Art and Architecture (3)

3 credits chosen from the following Art History Group B – Period Studies courses:
ARTH 363 Studies in Medieval Art and Architecture (3)
ARTH 364 Studies in Renaissance Art and Architecture (3)

D1

ARTH 364 Studies in Renaissance Art and Architecture (3)
ARTH 365 Studies in 17th- and 18th-Century Art and Architecture (3)

3 credits chosen from the following Art History Group B – Period Studies courses:
ARTH 366 Studies in 19th-Century Art and Architecture (3)
ARTH 367 Studies in 20th-Century Art and Architecture (3)
ARTH 368 Studies in Contemporary Art and Architecture (3)

3 credits chosen from Art History Group B – Period Studies

6 credits chosen from Art History Group C – Art in Canada

6 credits chosen from Art History Group D – Theory and Criticism

3 credits chosen from Art History Group E – Art and Society

~~24~~ credits chosen from at least three Art History Groups. Students may substitute up to 12 credits from the Faculty of Fine Arts.

ARTH 365 Studies in 17th- and 18th-Century Art and Architecture (3)

3 credits chosen from the following Art History Group B – Period Studies courses:
ARTH 366 Studies in 19th-Century Art and Architecture (3)
ARTH 367 Studies in 20th-Century Art and Architecture (3)
ARTH 368 Studies in Contemporary Art and Architecture (3)

3 credits chosen from Art History Group B – Period Studies

6 credits chosen from Art History Group C – Art in Canada

6 credits chosen from Art History Group D – Theory and Criticism

3 credits chosen from Art History Group E – Art and Society

6 credits chosen from:
ARTH 400 Advanced Seminar in Art Historical Method (3)

ARTH 450 Advanced Seminar in the History of Art and Architecture (3)
ARTH 498 Special Topics in the History of Art and Architecture (3)

18 credits chosen from at least three Art History Groups. Students may substitute up to 12 credits from the Faculty of Fine Arts.

Rationale:

Adding a seminar requirement to the Art History program will give students a greater sense of trajectory in their studies, better prepare them for graduate school as well as allow our program to remain competitive. Please see the attached memo for further details.

Resource Implications:

There are no resource implications. Please see the appendix for supporting evidence.

D2

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Art History Major Program Requirements and ARTH 348 prerequisites

Calendar Section Name: ARTH 348
Calendar Section Type: Course
Description of Change: ARTH 348 Special Topics in Art and Film
Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Art History

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Mar 2023
Effective/Push to SIS date: 01 Mar 2023
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.50 Department of Art History > Art History Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ARTH 348 Special Topics in Art and Film (3 credits)	ARTH 348 Special Topics in Art and Film (3 credits)
Prerequisites:	*Prerequisites:*
The following ~~course~~ must be completed previously: ARTH 200 . Enrolment in the Major in Art History and Film Studies is required. If prerequisites are not satisfied, permission of the program director is required.	The following courses must be completed previously: ARTH 200 ; one of FMST 201 or FMST 202 or FMST 203 ; FMST 220 . Enrolment in the Major in Art History and Film Studies is required. If prerequisites are not satisfied, permission of the program director is required.
Description :	*Description :*
A comparative examination of some aspects of art history and film studies.	A comparative examination of some aspects of art history and film studies.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for FMST 348 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for FMST 348 may not take this course for credit.

Rationale:
Harmonizing the ARTH 348 Special Topics in Art and Film prerequisites with those of its equivalent course, FMST 348 Special Topics in Art and Film.

Resource Implications:
There are no resource implications.

D3

Impact Report

Programs

Major in Art History and Film Studies
Source of Impact

- ARTH 348

Major in Art History and Film Studies
Source of Impact

- ARTH 348

Defined Groups

Art History Group A — Media Based Studies
Source of Impact

- ARTH 348

Courses

ARTH 448
Source of Impact

- ARTH 348

FMST 348
Source of Impact

- ARTH 348

FMST 448
Source of Impact

- ARTH 348

Other Units

Addition of **FMST 201** to **ARTH 348** requirement
Source of other unit Impact

- Course is housed in Section 81.60 Mel Hoppenheim School of Cinema

Addition of **FMST 202** to **ARTH 348** requirement
Source of other unit Impact

- Course is housed in Section 81.60 Mel Hoppenheim School of Cinema

Addition of **FMST 203** to **ARTH 348** requirement
Source of other unit Impact

- Course is housed in Section 81.60 Mel Hoppenheim School of Cinema

Addition of **FMST 220** to **ARTH 348** requirement
Source of other unit Impact

- Course is housed in Section 81.60 Mel Hoppenheim School of Cinema

Appendix:
Evidence of Department Resources for Changes
to Art History Major Program Requirements

To accommodate the proposed change of adding 2 400-level seminars to our Art History Major program requirements, we will need to offer 130 seminar seats annually.

(65 student quota x 2 seminars = 130 seats)

As our seminars are capped at 20 students, we need to offer 7 seminars annually.

(130 seats / 20 seats per seminar = 6.5 seminars)

Since we currently offer 4 seminars (excluding ARTH 448, which is reserved for Art History and Film Studies students) annually, we would have to add 3 seminars to our yearly timetable.

Provided below are figures to support the addition of three undergraduate seminars within our existing resources.

Section 1: Art History Majors: Enrolment Numbers

Admission Quota for Art History Majors: 65

Art History Majors by admission term that are still active and registered
Fall 2021: 73
Fall 2020: 53
Fall 2019: 32
Fall 2018: 42
Query: CU_UGRD_PROG_ENROLMENTS_REG

Art History Majors: Enrolment in ARTH 200, sections A and B (required course)
2021-2022: 61
2020-2021: 55
2019-2020: 39
2018-2019: 53

Art History Majors: Enrolment in ARTH 300 (required course)
2021-2022: 37
2020-2021: 31
2019-2020: 34
2018-2019: 36

Section 2: Timetable Credits

Total Credit Allocation: 198 credits (graduate and undergraduate)
Required Timetable Offerings: 108 credits (graduate and undergraduate)
This leaves 90 credits (30 courses) to be chosen by the Department.

Required Courses annually	Credit Value	Required for	Notes
ARTH 200-A	6	All ARTH programs	
ARTH 200-B	6	All ARTH programs	
ARTH 300	3	All ARTH programs	
ARTH 267	3	Photo majors	
ARTH 359	3	Photo majors	
ARTH 264/350	3	Ceramics majors	alternating years
ARTH 266/352	3	Fibres majors	alternating years
ARTH 353	3	Intermedia majors	
ARTH 353 or ARTH 354	3	ARTH+FMST majors	
ARTH 348/448	3	ARTH+FMST majors	alternating years
Group A courses	6	ARTH majors	
Group B courses	9	ARTH majors	
Group C courses	6	ARTH majors	
Group D courses	6	ARTH majors	
Group E courses	3	ARTH majors	
ARTH 388/391/392/379/381/383/384/385/386/387/389/400	3	ARTH+FMST majors	
MA seminars	21		
PhD seminars	6		
UG seminars	12		
	108		

Section 3: Open Seats in Undergraduate courses

In Fall 2021, Winter 2021, Fall 2020, and Winter 2020, we had approximately 250-300 open seats in undergraduate ARTH courses. This means we could convert 3 lecture courses (assuming they are capped at 80, even though many will be capped at 60) to seminars and still offer our required courses and enough seats. Furthermore, the students enrolled in seminars will be freeing up seats in our lecture classes.
3 undergraduate courses x 80 (max number of seats) = 240 seats.
These 3 courses could be replaced by 3 seminars (3 seminars x 20 seats = 60 seats). This would mean that we would have 180 fewer seats in our undergraduate courses (240-60 = 180).

Total open seats in undergraduate courses by term:

- Fall 2021: 318 seats
- Winter 2021: 316 seats
- Fall 2020: 298 seats
- Winter 2020: 255 seats

Concordia University
Fine Arts

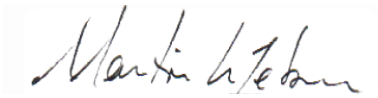
Montréal, April 1 2022

To: Dr. John Potvin, Chair, Department of Art History
Object: Changes to ARTH 348 Prerequites

Dear John,

The Mel Hoppenheim School of Cinema has reviewed and approves the changes proposed in the FA-ARTH-3801 dossier. The changes to the Art History course prerequisites are being made to align with the Cinema course prerequisites. There are no resource implications.

Best regards,



Dr. Martin Lefebvre
Chair, Mel Hoppenheim School of Cinema
Professor & Concordia University Research Chair in Film Studies (Hon.)

INTERNAL MEMORANDUM

TO: Dr Elaine Cheasley Paterson, Associate Dean of Academic Programs and Pedagogy

FROM: Dr John Potvin, Chair, Department of Art History

DATE: 21 March 2022

SUBJECT: Changes to Art History Major Program Requirements and ARTH 348 prerequisites / FA-ARTH-3801

Dear Associate Dean Paterson,

As Chair of the Department of Art History and of our Curriculum Committee, I am pleased to propose a series of changes to the course titles and descriptions in our undergraduate (BFA) program. These proposed changes were presented at a Fall 2021 Department Council Meeting (08 November 2021) and Council unanimously agreed to move these changes forward.

The implementation date for the proposed changes is Fall 2023.

The two proposed curricular changes -- one geared toward harmonization, the other toward enhancement of the undergraduate major degree -- are the result of ongoing discussions held over the past several years. What began as a decision to require BFA majors in Art History to take two 3-credit 400-level courses has been part of ongoing conversations about the value, strengths and future of an Art History education.

I. Proposed change to ARTH 348 course prerequisites:

We propose the harmonization of the ARTH 348 Special Topics in Art and Film prerequisites with those of FMST 348 Special Topics in Art and Film by adding 'one of FMST 201, FMST 202, or FMST 203; FMST 220'.

Rationale: The Department of Art History wishes to align the prerequisites of ARTH 348 with those of FMST as these are equivalent courses. Art History and Film Studies offer this course in alternating years. Initially, the prerequisites for FMST 348 were 'Enrolment in the Major in Art History and Film Studies; ARTH 200 and FMST 212, or permission of the program director'. In 2019-2020, Film Studies changed the prerequisites, replacing FMST 212 with 'one of FMST 201, 202, or 203; FMST 220'. Art History removed FMST 212 from the ARTH 348 prerequisites then, however, for reasons unknown, the other prerequisites were not added.

11. Proposed Change to Program Requirements for the Major in Art History:

ARTH majors will be required to take two 400-level seminars (six credits) chosen from ARTH 400 Advanced Seminar in Art Historical Method, ARTH 450 Advanced Seminar in the History of Art and Architecture and ARTH 498 Special Topics in the History of Art and Architecture.

Rationale: Adding a seminar requirement to the Art History program will ensure that all students now receive a greater sense of trajectory and fuller pathway in their studies. These capstone courses serve as culminations of knowledge, allowing students to deepen their understanding of certain areas of interest within the discipline. This is a learning experience that all Art History majors deserve as these seminars provide our students with stronger preparation for a graduate education, as well as enhance professional development skills through presentations, group work and critical writing skills, for example. These seminar-based courses importantly provide research intensive environments through which students are enabled to develop, research and present their own topics from early stages (such abstract development) to a final research paper.

This will allow Concordia's Art History program to remain competitive with other universities; for instance, the Art History programs at McGill University, University of Toronto, University of British Columbia and University of Alberta all require students to complete a minimum of one 400-level 3-credit course. It might also be worth mentioning that currently our joint Art History and Film Studies program already requires students to take two seminars: ARTH/FMST 448 and one chosen from 400-level FMST courses. The proposed change would therefore align with this major program.

As clearly outlined in detail in the Appendix, there are no resource implications to the proposed addition of this requirement. In brief, the Department has enough open seats across our undergraduate courses to offer the additional seminars the change would require, and we can do so within our timetable allocation while still offering our required and service courses. The quota for Art History majors is 65 students, therefore, we will need 130 seminar seats. At the 08 November 2021 Department Council, members voted to increase the cap of undergraduate seminars from 16 seats to 20 seats. Thus, we need to offer seven 400-level 3-credit seminars annually (130 students with 20 students per seminar = 6.5 seminars). At present, the Department of Art History offers four seminars annually (excluding ARTH 448 which is reserved for Art History and Film Studies Majors). Consequently, we will need to add 3 seminars to our timetable offerings. Please see the appendix for further details on how this change can be achieved within the Department's existing resources.

Dr John Potvin
Professor and Chair
Department of Art History
Concordia University

Undergraduate Program Regular Curriculum Change - FA-STUDART-1181 - VERSION : 6

Summary and Rationale for Changes

SCULPTURE PROGRAM PROPOSED CURRICULUM CHANGES

This document outlines changes to the Sculpture Program curriculum to be undertaken in two distinct stages. We hope this two-stepped rollout approach will allow us to obtain data and student feedback as we make updates and changes, as well as develop opportunities for better collaboration between other program areas and departments in Studio Arts.

OVERVIEW OF LONG-TERM GOALS

For the first time in more than 20 years, the Sculpture Program proposes an expansive update and restructuring of its course offerings and program requirements to update our curriculum to better reflect central concerns in the field today. This update includes optimizing the use of existing facilities and expertise; offering clearer, cohesive and consistent course content that promotes hands-on learning; providing students with a better understanding of the wide range of sculptural possibilities by giving them a more thorough exposure to materials and fabrication techniques; and honing in on themes and approaches that are both urgent and timely in contemporary 3D art production today.

Two central interrelated tenets that guide this re-envisioning are decolonization and sustainability. Our goal is to ensure that sustainability is considered through a decolonial lens (an approach that, unfortunately, is not yet the norm in sustainability studies). We will implement decolonization as a tool to de-center Eurocentric canons of thought across our curriculum. Furthermore, these changes, in turn, reflect Concordia's strategic directions of sustainability; the Indigenous Directions Action Plan (specifically agenda item 2.1 Decolonizing Curriculum Pedagogy); experiential learning; and examining the role of art and culture within society, especially in relation to culturally diverse perspectives.

Our goal here is to offer more learning opportunities for our growing number of Sculpture Majors by giving them a better breadth of courses to choose from, depth of knowledge in the expanded field beyond a Eurocentric canon, and allow them to complete their degree with a broader range of technical, conceptual and professional competencies in 3D art practices. Surprisingly, the sculpture program has not offered skill-based courses in sculptural techniques such as woodworking and mouldmaking/casting. We are establishing new courses in these topics that will be freshly crafted through a decolonial lens. These new Program changes will help us better distinguish our curriculum from ARTX course offerings and foster sculpture-specific technical and conceptual skill sets (many of which have vast future application potential in various career fields that involve design/build and project management skillsets).

Further, a survey of our competitor schools, such as ECAID, NSCADU and OCAD U, reveals sculpture concentrations that offer students a range of options between technically-themed courses and professionalization opportunities as part of their degree requirements. These proposed changes would bring Concordia's Sculpture Program offerings on par with our competitor schools, but it will go beyond by bringing in a new, cutting-edge curriculum that is better attuned to urgent issues of this contemporary and future-looking moment, such as sustainability and decolonization. We propose adding to each of our core course descriptions: 'All course content will be considered through a decolonial lens.' Lastly, this proposal introduces a robust Public Art curriculum, a recommendation for the Sculpture Program Area from the most recent Studio Arts Department Appraisal Report.

These proposed courses have no resource implications; instead, they aim to make better use of existing resources, such as the mouldmaking shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work within the classroom, in addition to the shops mentioned above).

Although all art courses expand an artist's knowledge and capacity, you will see below that we have removed the Major requirements of DRAW 200⁶ and ARTX480⁶ to prioritize our program's credits. Simultaneously, we are introducing 300-level courses that encourage multidisciplinary exploration from the viewpoint of Sculpture as an expanded field. This will allow students to reach new depths of Sculpture-specific knowledge that we're aiming for while also allowing space for introducing a sustainability-oriented curriculum, decolonial perspectives, and professionalization courses. Students may still take drawing or ARTX courses as a Studio Elective for their Sculpture Major in this new proposal.

PROGRAM CHANGES:

• Remove DRAW 200⁶ as a program requirement, and instead add "6 credits chosen from SCUL courses at the 200-level." This will allow us to offer more skill-specific sculpture courses as a Program requirement, as currently no skill-specific sculpture courses are required as part of the program.

• Remove "ARTX 480⁶ or 400-level studio classes" from the program requirements, and instead add "6 credits chosen from SCUL courses at the 300-level" to the program requirements: this will allow the Sculpture program to offer more higher level skill-specific sculpture courses as a Program requirement, as currently no skill-specific sculpture courses are required as part of the program.

• Delete SCUL 210⁶ and break it into two courses (SCUL 211³ and 212³). This will allow for better compatibility within the program as well as with other program areas/departments, and will give better options to international exchange students who visit Concordia for only one semester. SCUL 211 will be a required course for all Sculpture Majors, as the course will introduce key techniques and concepts more broadly than the new more specialized courses. Additionally, and importantly, SCUL 211 will offer important and foundational content that focuses on decolonization, such as cultural appropriation. This background will be essential to success in their Major, given the new focus on decolonization that all courses will include. Making SCUL 212 an optional course will allow students to better customize their classes to their specific interests in sculpture. Students who want to further investigate the ideas explore in SCUL 211 can do so by taking SCUL 212, leaving others to select the more focused thematic courses that reflect their interests.

• Add "9 credits chosen from SCUL courses at the 200-level" to the program requirements. The addition of these credits is made possible by the deletion of DRAW 200 (6) from the program requirements and by breaking down SCUL 210 (6) into 2 3-credit courses (SCUL 211 and SCUL 212), only one of which will remain a program requirement.

• List SCUL 211³ as a specific course requirement (a resulting 3 credit course from splitting SCUL 210⁶ into two 3-credit courses). Adding a core requirement of SCUL 211³ will allow for a core course for Sculpture Majors, of varying skill levels, to meet and discuss core concerns of Sculptural Practices. From there students will have flexibility, depending on where they are at in their own sculptural practices, to then better customize their degree through a broader range of specialized options.

COURSE CHANGES:

• Delete SCUL 210⁶ and create SCUL 211³ and SCUL 212³ in its place.

• Create new Special Topics SCUL 298³, and SCUL 498³ to allow the Sculpture program to better pilot new

courses to be introduced at a later stage.

• Create new internships (SCUL 480^{6}, 481^{3}, 482^{3}) to allow the Sculpture program to activate professional internship opportunities as part of the program. Montreal artist Rafael Lozano-Hemmer has already confirmed interest to host Sculpture Program interns. Supervisory roles will be shared amongst FT faculty, and students will apply for the available positions. Note that no new resources are required to manage internships.

• Add new courses at the 200, 300, and 400 levels to offer a broader range of skill acquisition opportunities and introduce new topics geared to sustainability and professionalization.

• Make minor changes to existing course descriptions and prerequisites.

• All new courses will be offered within the current credit allotment, and no new resources will be required.

Note: Dossier FA-ARTE-5135 has been initiated by the Department of Art Education to address how this dossier affects the prerequisities for their Major in Art Education and Specialization in Art Education.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Dr. Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Dr. Annie Gerin, Dean, Faculty of Fine Arts,
Faculty Council, 13 May 2022

The Faculty of Fine Arts Council has reviewed and approved the STUDART-1181 curriculum dossier from the Department of Studio Arts on May 13, 2022.

We hereby submit this dossier for review by the Academic Programs Committee on November 18, 2022.

There are no resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Dr. Annie Gerin, Dean, Faculty of Fine Arts,
Faculty Council, 13 May 2022

Approved by:

Dr. Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy, Office of the Dean, Faculty of Fine Arts,
Faculty Curriculum Committee, 11 Apr 2022

The Faculty of Fine Arts Curriculum Committee has reviewed and approved the STUDART-1181 curriculum dossier from the Department of Studio Arts on April 14, 2022. The FCC first reviewed the dossier in the meeting of December 3, 2021 and requested edits which were addressed in the dossier resubmitted in April, 2022.

We hereby submit this dossier for review by the Faculty Council on May 13, 2022.

There are no resource implications.

Summary of Committee Discussion: Department approval

For Submission to:

Dr. Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy, Office of the Dean, Faculty of Fine Arts,
Faculty Curriculum Committee, 03 Dec 2021

Approved by:

Professor Leila Sujir, Department Chair, Studio Arts Department,
Department Council Committee, 19 Nov 2021

The Studio Arts Department Committee and the Department Curriculum Committee approve the proposed changes to the Sculpture program.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
SCUL 210 Delete	X	X	X	X	X		X	X	X	
SCUL 211 New	X	X	X	X	X	X	X	X	X	
SCUL 212 New	X	X	X	X	X	X	X	X	X	
SCUL 221 New	X	X	X	X	X		X	X	X	
SCUL 231 New	X	X	X	X	X		X	X	X	
SCUL 241 New	X	X	X	X	X		X	X	X	
SCUL 251 Change				X	X					
SCUL 261 New	X	X	X	X	X		X	X	X	
SCUL 298 New	X	X	X	X	X		X	X	X	
SCUL 314 New	X	X	X	X	X		X	X	X	
SCUL 315 New	X	X	X	X	X		X	X	X	
SCUL 341 New	X	X	X	X	X		X	X	X	
SCUL 361 New	X	X	X	X	X		X	X	X	
SCUL 398 Change				X	X					
SCUL 399 Change				X	X					
SCUL 410				X	X					

Change										
SCUL 413 New	X	X	X	X	X		X	X	X	
SCUL 414 New	X	X	X	X	X		X	X	X	
SCUL 480 New	X	X	X	X	X		X	X	X	
SCUL 481 New	X	X	X	X	X		X	X	X	
SCUL 482 New	X	X	X	X	X		X	X	X	
SCUL 498 New	X	X	X	X	X		X	X	X	

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
Major in Sculpture Change				X			

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: Major in Sculpture
Calendar Section Type: Program
Description of Change: Major in Sculpture Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts
Program Name: Major in Sculpture
Program Type: Major
Degree: Bachelor/Baccalaureate of Fine Arts (BFA)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Section 81.110.8 Sculpture > BFA Major in Sculpture > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar

60 credits Major in Sculpture

~~24~~ credits:
~~DRAW 200 Drawing I (6)~~
SCUL ~~210~~ Sculpture and Material Practices ~~(6)~~
SCUL 310 Sculpture and Spatial Practices (6)
SCUL 410 Sculpture as Practice (6)

~~6~~ credits chosen from ~~a six-credit Studio Art elective~~ at the ~~400 level or~~ from the ~~following course:~~
~~ARTX 480 Advanced Integrated Studio in Contemporary Art Practices (6)~~

18 ~~elective~~ credits ~~chosen from:~~ Studio ~~Arts Courses~~

6 elective credits ~~of~~ Art History Courses

6 credits chosen from:
Art History Courses

Art Theory Courses

or other history-based courses chosen from: ~~Cinema~~ Courses

Theatre Courses

or from the following course:

Proposed Text

60 credits Major in Sculpture

15 credits:
SCUL 211 Sculpture and Material Practices I (3)
SCUL 310 Sculpture and Spatial Practices (6)
SCUL 410 Sculpture as Practice (6)

9 credits chosen from Sculpture Courses at the 200-level

6 credits chosen from Sculpture Courses at the 300-level

18 credits of Studio Art electives

6 elective credits chosen from Art History Courses

6 credits chosen from:
Art History Courses ;

Art Theory Courses ,

or from other history-based courses chosen from:

Cinema Courses ;

Theatre Courses ;

or from the following course:

VDEO 350 Video History and Theory (6)

Rationale:

• Remove DRAW 200[6] as a program requirement, and instead add 6 credits to SCUL 200-level courses: this will allow us to offer more skill-specific sculpture courses as a Program requirement, as currently no skill-specific sculpture courses are required as part of the program.

• Remove ARTX 480[6] or 400-level studio classes as program requirement, and instead add 6 credits from SCUL courses at the 300-level to program requirements: this will allow the Sculpture program to offer more higher level skill-specific sculpture courses as a Program requirement, as currently no skill-specific sculpture courses are required as part of the program.

• Delete SCUL 210[6] and break it into two courses (SCUL 211[3] and 212[3]) will allow for better compatibility within both the program, with other program areas/departments, and give better options to international exchange students who visit Concordia for only one semester. By adding additional opportunities for specialized skill, knowledge and professionalization through broader course options, students will be able to expand their learning and choose the most appropriate path through the program based on their learning needs and interests.

• Add 9 credits from SCUL courses at the 200-level at the 200 level (from DRAW 200 and half of SCUL 210) as part of the streamlining of Sculpture courses and defining different techniques.

• List SCUL 211[3] as a specific course requirement (a resulting 3 credit course from splitting SCUL 210[6] into two 3-credit courses). Adding a core requirement of SCUL 211[3] will allow for a core course for Sculpture Majors, of varying skill levels, to meet and discuss core concerns of Sculptural Practices. From there students will have flexibility, depending on where they are at in their own sculptural practices, to then better customize their degree through a broader range of specialized options.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 210
Calendar Section Type: Course
Description of Change: SCUL 210 Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~SCUL 210 Sculpture and Material Practices~~ (~~6~~ credits)	
Prerequisites:	*Prerequisites:*
~~While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisites 1) enrolment in a major or minor program in the Department of Studio Arts; 2) enrolment in a BFA program with credit requirements in Studio Arts; 3) written permission of the program director as determined by portfolio submission and space availability.~~	
Description :	*Description :*
~~In this studio-based course, students explore the expansive field of contemporary sculpture and the range of materials and ideas employed by contemporary artists working in the discipline. Students present their sculptures through critiques, class discussions and individual consultations. Students gain exposure to metal work, wood work, and mould- making/casting, as well as experience in developing three-dimensional artistic works within the context of contemporary sculpture.~~	
Component(s):	*Component(s):*
~~Studio~~	
Notes :	*Notes :*

Rationale:

- Splitting 210[6] into 211[3] and 212[3] will allow for better compatibility within both the program, with other program areas/departments, and give better options to international exchange students who visit Concordia for only one semester. By adding additional opportunities for specialized skill, knowledge and professionalization through broader course options, students will be able to expand their learning and choose the most appropriate path through the program based on their learning needs and interests**.**

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 211
Calendar Section Type: Course
Description of Change: SCUL 211 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 211 Sculpture and Material Practices I (3 credits)
Prerequisites:	*Prerequisites:* While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisites 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.
Description :	*Description :* In this studio-based course, students are exposed to the expansive field of contemporary sculpture and the range of materials and ideas employed by contemporary artists working in the discipline. This range is inclusive of Indigenous and culturally diverse artistic practices. Students acquire foundational skills for making and discussing 3D visual culture critically, including examining issues of cultural appropriation through material representation. Students present their sculptures through critiques, class discussions and individual consultations and will gain experience in developing three-dimensional artistic works within the context of contemporary sculpture. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** SCUL 210
Other note :	**Other note :** Students who have received credit for SCUL 210 may not take this course for credits.

Rationale:

Splitting SCUL 210^{6} into three-credit SCUL 211^{3} and SCUL 212^{3} will allow for better compatibility within both the program,

with other program areas/departments, and give better options to international exchange students who visit Concordia for only one semester.

Three-credit 200-level SCUL classes (SCUL 211³, 212³, 298³, 221³, 231³, 241³, 261³) were created as part of the streamlining of Sculpture courses and defining different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 212
Calendar Section Type: Course
Description of Change: SCUL 212 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 212 Sculpture and Material Practices II (3 credits)
Prerequisites:	*Prerequisites:* SCUL 211
Description :	*Description :* This studio-based course is a continuation of SCUL 211. Students deepen their exploration of materials and ideas employed in contemporary sculpture. Exposure and competence are developed in metal work, wood work and mouldmaking/casting. Students present their sculptures through critiques, class discussions and individual consultations. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** 210
Other note :	**Other note :** Students who have received credit for SCUL 210 may not take this course for credits.

Rationale:

Splitting SCUL 210^{6} into three-credit SCUL 211^{3} and SCUL 212^{3} will allow for better compatibility within both the program, with other program areas/departments, and give better options to international exchange students who visit Concordia for only one semester.

Three-credit 200-level SCUL classes (SCUL 211^{3}, 212^{3}, 298^{3}, 221^{3}, 231^{3}, 241^{3}, 261^{3}) were created as part of the streamlining of Sculpture courses and defining different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

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COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 221
Calendar Section Type: Course
Description of Change: SCUL 221 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 221 Intro to Mouldmaking and Casting (3 credits)
Prerequisites:	*Prerequisites:* While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisites 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.
Description :	*Description :* This course introduces students to various mouldmaking and casting techniques required to reproduce 3D art objects. Students develop an understanding of waste moulds, flexible moulds, lifecasting, direct modelling of plaster or clay, and armature and support building. Readings and lectures provide examples of mouldmaking and casting in contemporary sculpture, demonstrating its potential for expression and representation. Discussions and presentations are inclusive of Indigenous and culturally diverse artistic practices. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:
The introduction of new courses intends to better balance the curriculum and expose students to new techniques and professionalization. Three-credit 200-level SCUL classes (SCUL 211³, 212³, 298³, 221³, 231³, 241³, 261³) were created as part of the streamlining of Sculpture courses and defining different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 231
Calendar Section Type: Course
Description of Change: SCUL 231 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 231 Intro to Sculptural Woodworking (3 credits)
Prerequisites:	*Prerequisites:* While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisites 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.
Description :	*Description :* This course introduces the tools and techniques of woodworking to produce sculptural artworks made from wood and wood-based products. Students will acquire skills and competence with various processes, such as design/build techniques, joinery and shaping. Concepts related to the theme of wood as an art material and its uses by Indigenous and culturally diverse artistic practices are explored through readings, critiques and discussions. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:

The introduction of new courses intends to better balance the curriculum and expose students to new techniques and professionalization. Three-credit 200-level SCUL classes (SCUL 211^3, 212^3, 298^3, 221^3, 231^3, 241^3, 261^3) were created as part of the streamlining of Sculpture courses and defining different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 241
Calendar Section Type: Course
Description of Change: SCUL 241 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 241 Sustainability in Sculptural Practices I (3 credits)
Prerequisites:	*Prerequisites:* While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisites 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.
Description :	*Description :* This course introduces themes, concepts and techniques for realizing sustainable sculptural artworks. Concepts such as materiality, non-extractivist methodologies, intersectional environmentalism, circular economies, environmental justice, the Anthropocene and sustainability from Indigenous and culturally diverse perspectives are explored through readings, discussions, fabrication techniques, and technical demonstrations. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:

The introduction of new courses intends to better balance the curriculum and expose students to new techniques and professionalization. Three-credit 200-level SCUL classes (SCUL 211³, 212³, 298³, 221³, 231³, 241³, 261³) were created as part of the streamlining of Sculpture courses and defining different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mouldmaking shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 251
Calendar Section Type: Course
Description of Change: SCUL 251 Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SCUL 251 Sculpture/Mechanics (3 credits)	SCUL 251 Sculpture/Mechanics (3 credits)
Prerequisites:	*Prerequisites:*
Enrolment in the Intermedia (Video, Performance and Electronic Arts) program is required. If prerequisites are not satisfied, ~~written~~ permission of the Department is required.	Enrolment in the Intermedia (Video, Performance and Electronic Arts) or Sculpture program is required. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
This studio course introduces students to animating ~~sculpture through a variety~~ of techniques such as moving joints, gear, chain, and pulley systems, and motion converters, leading to more complex assemblies in animating static form. Students develop ~~basic~~ skills in reading and drawing ~~blueprints, as well as in~~ measuring and marking techniques for application in metal, wood, ~~mould-making,~~ and other applicable materials.	This studio course introduces students to animating sculpture, including the contributions of Indigenous and culturally diverse artistic practitioners in the field. Students explore various techniques such as moving joints, gear, chain, and pulley systems, and motion converters, leading to more complex assemblies in animating static form. Students develop fundamental skills in reading and drawing blueprints and measuring and marking techniques for application in metal, wood, mouldmaking, and other applicable materials. All course content is considered through a decolonial lens.
Component(s):	*Component(s):*
Studio	Studio
Notes :	*Notes :*

Rationale:
Both the Intermedia and Sculpture Majors have permission to take class, and this needed to be reflected in the Calendar.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 261
Calendar Section Type: Course
Description of Change: SCUL 261 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 261 Public Art I (3 credits)
Prerequisites:	*Prerequisites:* While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisites 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.
Description :	*Description :* In this course, students learn concepts and techniques for developing complex ideas and maquettes for public art competitions. The course explores how artists can help decolonize monuments, sites and public sculpture, and focuses on design/build problem solving for the realization of permanent public works. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:

The introduction of new courses intends to better balance the curriculum and expose students to new techniques and professionalization. Three-credit 200-level SCUL classes (SCUL 211^3, 212^3, 298^3, 221^3, 231^3, 241^3, 261^3) were created as part of the streamlining of Sculpture courses and defining different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mouldmaking shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 298
Calendar Section Type: Course
Description of Change: SCUL 298 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 298 Special Topics in Sculpture (3 credits)
Prerequisites:	*Prerequisites:* While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisites 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.
Description :	*Description :* This studio course provides an opportunity for the study of specialized aspects of sculpture. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:

Special Topics SCUL 298³, and SCUL 498³ were added to allow the Sculpture program to better pilot new courses to be introduced at a later stage.

Three-credit 200-level SCUL classes (SCUL 211³, 212³, 298³, 221³, 231³, 241³, 261³) were created as part of the streamlining of Sculpture courses and defining different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 314
Calendar Section Type: Course
Description of Change: SCUL 314 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 314 Image and Object (3 credits)
Prerequisites:	*Prerequisites:* 6 credits of 200-level courses in Sculpture, or 6 credits of 200-level courses in Photography, or 6 credits of 200-level courses in Intermedia.
Description :	*Description :* This interdisciplinary studio course explores the relationships and histories of power between images and objects. Objecthood and the materiality of images will be explored through processes such as collage, assemblage and digital printing. Students pursue interdisciplinary installations combining objects, materials, photography, and video. Assigned readings inform critiques and discussions. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:

Three-credit 300-level SCUL classes (SCUL 314³, 315³, 341³, 361³) were created as part of the streamlining of Sculpture courses, defining progressions in different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 315
Calendar Section Type: Course
Description of Change: SCUL 315 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 315 Materials and Surfaces (3 credits)
Prerequisites:	*Prerequisites:* 6 credits of Sculpture 200-level courses, or CERA 230, or FBRS 240. If prerequisites are not satisfied, the permission of the Department is required.
Description :	*Description :* This intermediate-level studio course allows students to develop portfolios of material experimentation, skill acquisition, and object display methods. Led by individual interests, students develop in-depth investigations into traditional and non-traditional sculptural materials, surfaces, and techniques that are inclusive of Indigenous and culturally diverse practices and approaches. Issues surrounding the creative process and technical skills are explored through readings, critiques and discussions. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:

Three-credit 300-level SCUL classes (SCUL 314^3, 315^3, 341^3, 361^3) were created as part of the streamlining of Sculpture courses, defining progressions in different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 341
Calendar Section Type: Course
Description of Change: SCUL 341 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 341 Sustainability in Sculptural Practices II (3 credits)
Prerequisites:	*Prerequisites:* SCUL 241. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :* This intermediate-level studio course is a continuation of *Sustainability in Sculpture Practices I.* More advanced themes, concepts and material techniques are explored through readings, discussion and critiques, and students are supported by the instructor in the realization of a body of 3D artworks that explores themes of sustainability through the individualized interests of the student. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:

Three-credit 300-level SCUL classes (SCUL 314³, 315³, 341³, 361³) were created as part of the streamlining of Sculpture courses, defining progressions in different techniques.

Resource Implications:

These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 361
Calendar Section Type: Course
Description of Change: SCUL 361 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 361 Public Art II (3 credits)
Prerequisites:	*Prerequisites:* SCUL 261
Description :	*Description :* In this follow-up course to *Public Art I* , students learn how to develop a full public art proposal at a professional level of realization, with the goal of providing tools to start a successful career in public art. This includes concept, visualizations, drawings, budget plan, fabrication plans, and site attunement. Through this process, readings, discussion and critiques are employed to help students develop their projects in synchrony with decolonial goals for permanent artworks in public space. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*

Rationale:

Three-credit 300-level SCUL classes (SCUL 314³, 315³, 341³, 361³) were created as part of the streamlining of Sculpture courses, defining progressions in different techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 398
Calendar Section Type: Course
Description of Change: SCUL 398 Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SCUL 398 Special Topics in Sculpture (3 credits)	SCUL 398 Special Topics in Sculpture (3 credits)
Prerequisites:	*Prerequisites:*
~~Students must be in third - year standing with fewer than 33~~ credits ~~remaining in their degree program prior to enrolling. Written~~ permission of the Department is required.	6 credits of Sculpture 200-level courses. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
~~A workshop/ seminar~~ course ~~providing an opportunity for the study of specialized aspects of sculpture.~~	This studio course explores contemporary social, material, and cultural issues addressed through sculpture and interdisciplinary studio art practices. Assigned readings inform critiques and discussions. All course content is considered through a decolonial lens.
Component(s):	*Component(s):*
Studio	Studio
Notes :	*Notes :*

Rationale:
Changes made to reflect a true second-year course and alleviating registration issues.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 399
Calendar Section Type: Course
Description of Change: SCUL 399 Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SCUL 399 Special Topics in Sculpture (6 credits)	SCUL 399 Special Topics in Sculpture (6 credits)
Prerequisites:	*Prerequisites:*
~~Written~~ permission of the Department is required.	Students need to be in second-year standing with 24 credits completed in a Studio Arts program. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
~~A~~ workshop/seminar course ~~providing~~ an opportunity for the study of specialized aspects in sculpture.	This workshop/seminar course provides an opportunity for the study of specialized aspects in sculpture. All course content is considered through a decolonial lens.
Component(s):	*Component(s):*
Notes :	*Notes :*

Rationale:
Changes made to reflect a true second-year course and alleviating registration issues.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 410
Calendar Section Type: Course
Description of Change: SCUL 410 Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SCUL 410 Sculpture as Practice (6 credits)	SCUL 410 Sculpture as Practice (6 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: SCUL ~~310 .~~ If prerequisites are not satisfied, permission of the Department is required.	The following course must be completed previously: SCUL 310. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
~~An~~ advanced sculpture ~~class in which~~ students develop and create a body of artwork situated within the contexts of contemporary sculpture. ~~Diversity~~ of ~~sculptural practices,~~ research and ~~critical discourse are encouraged to promote professional autonomy in students' studio work.~~ Students present their artworks through critiques, class discussions and ~~individual consultations.~~	In this advanced sculpture class, students develop and create a body of artwork situated within the contexts of contemporary sculpture. Particular attention is given to individual professional development and the establishing of autonomous research and artistic practices. Students present their artworks through critiques, work in progress sessions, and small group feedback sessions. Issues pertaining to exhibition design, planning, and audience engagement are considered through class discussions and readings . All course content is considered through a decolonial lens.
Component(s):	*Component(s):*
Studio	Studio
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for SCUL 400 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for SCUL 400 may not take this course for credit.

Rationale:
Course description refined in order to highlight the individual professional development content.

Resource Implications:
None.

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COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Sculpture Major

Calendar Section Name: SCUL 413

Calendar Section Type: Course

Description of Change: SCUL 413 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 Dec 2022

Effective/Push to SIS date: 01 Dec 2022

Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 413 Metal Casting: Bronze and Aluminum III (3 credits)
Prerequisites:	*Prerequisites:* SCUL 312
Description :	*Description :* This advanced course is a continuation of SCUL 312. Students develop their own independent project to be realized in bronze or aluminum. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Fee note :	**Fee note :** A course fee for materials is required.

Rationale:

Three-credit 400-level SCUL classes (SCUL 413[3], 414[3]) were created as part of the streamlining of Sculpture courses, defining progressions in metal casting techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Sculpture Major

Calendar Section Name: SCUL 414

Calendar Section Type: Course

Description of Change: SCUL 414 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 Dec 2022

Effective/Push to SIS date: 01 Dec 2022

Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 414 Metal Casting: Bronze and Aluminum IV (3 credits)
Prerequisites:	*Prerequisites:* SCUL 413
Description :	*Description :* This advanced course is a continuation of SCUL 413. Students develop their own independent project with the support of and in consultation with the instructor, to be realized in bronze or aluminum casting processes. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Fee note :	**Fee note :** A course fee for materials is required.

Rationale:

Three-credit 400-level SCUL classes (SCUL 413^3, 414^3) were created as part of the streamlining of Sculpture courses, defining progressions in metal casting techniques.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 480
Calendar Section Type: Course
Description of Change: SCUL 480 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 480 Professional Internship (6 credits)
Prerequisites:	*Prerequisites:* Students must be in third-year standing with 48 credits completed in the Major in Sculpture degree program. Permission of the Department is required.
Description :	*Description :* Under the joint supervision of a qualified professional and a full-time faculty member, the student interns with a professional artist, professional organization or other relevant institution. A clearly defined agreement between the Department, the student, and the artist/professional institution involved is established before the internship is undertaken. This agreement should clearly state the nature of the student's participation and the hours of work expected. Projects receiving approval for the internship credits must demonstrate significant learning potential for the student.
Component(s):	*Component(s):* Practicum/Internship/Work Term
Notes :	*Notes :*

Rationale:

Adding internship opportunities (SCUL 480^{6}, 481^{3}, 482^{3}) will allow us to activate professionalization internship opportunities as part of the program. Montreal artist Rafael Lozano-Hemmer has already confirmed interest to host Sculpture Program interns. Supervisory roles will be shared amongst FT faculty, and students will apply for the available positions.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 481
Calendar Section Type: Course
Description of Change: SCUL 481 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 481 Professional Internship I (3 credits)
Prerequisites:	*Prerequisites:* Third-year standing with 48 credits completed in the Sculpture degree program. Permission of the Department is required.
Description :	*Description :* Under the joint supervision of a qualified professional and a full-time faculty member, the student interns with a professional artist, professional organization or other relevant institution. A clearly defined agreement between the Department, the student, and the artist/professional institution involved is established before the internship is undertaken. This agreement should clearly state the nature of the student's participation and the hours of work expected. Projects receiving approval for the internship credits must demonstrate significant learning potential for the student.
Component(s):	*Component(s):* Practicum/Internship/Work Term
Notes :	*Notes :*

Rationale:

Adding internship opportunities (SCUL 480[6], 481[3], 482[3]) will allow us to activate professionalization internship opportunities as part of the program. Montreal artist Rafael Lozano-Hemmer has already confirmed interest to host Sculpture Program interns. Supervisory roles will be shared amongst FT faculty, and students will apply for the available positions.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Sculpture Major

Calendar Section Name: SCUL 482
Calendar Section Type: Course
Description of Change: SCUL 482 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Dec 2022
Effective/Push to SIS date: 01 Dec 2022
Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 482 Professional Internship II (3 credits)
Prerequisites:	*Prerequisites:* SCUL 481
Description :	*Description :* Under the joint supervision of a qualified professional and a full-time faculty member, the student interns with a professional artist, professional organization or other relevant institution. A clearly defined agreement between the Department, the student, and the artist/professional institution involved is established before the internship is undertaken. This agreement should clearly state the nature of the student's participation and the hours of work expected. Projects receiving approval for the internship credits must demonstrate significant learning potential for the student.
Component(s):	*Component(s):* Practicum/Internship/Work Term
Notes :	*Notes :*

Rationale:

Adding internship opportunities (SCUL 480^{6}, 481^{3}, 482^{3}) will allow us to activate professionalization internship opportunities as part of the program. Montreal artist Rafael Lozano-Hemmer has already confirmed interest to host Sculpture Program interns. Supervisory roles will be shared amongst FT faculty, and students will apply for the available positions.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Sculpture Major

Calendar Section Name: SCUL 498

Calendar Section Type: Course

Description of Change: SCUL 498 New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Studio Arts

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 Dec 2022

Effective/Push to SIS date: 01 Dec 2022

Implementation/Start date: 01 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.110 Department of Studio Arts > Studio Arts Courses > Sculpture Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCUL 498 Special Topics in Sculpture (3 credits)
Prerequisites:	*Prerequisites:* Students must be in third-year standing with 48 credits completed in a Studio Arts Program. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :* This workshop/ seminar course provides an opportunity for the study of specialized aspects of sculpture. All course content is considered through a decolonial lens.
Component(s):	*Component(s):* Seminar ; Studio
Notes :	*Notes :*

Rationale:

Special Topics SCUL 298³, and SCUL 498³ were added to allow the Sculpture program to better pilot new courses to be introduced at a later stage.

Resource Implications:
These proposed courses have no resource implications; instead they aim to make better use of existing resources, such as the mould-making shop in the VA; the VA woodshop; and the soon-to-be renovated sculpture classroom facilities that will feature health and safety compliant ventilation, and dust extraction capabilities (thus expanding the material ranges students can work with in the classroom, in addition to the aforementioned shops).

Impact Report

Programs

Major in Art Education - Visual Arts
Source of Impact

- SCUL 210

Major in Intermedia (Video, Performance and Electronic Arts)
Source of Impact

- SCUL 251

Major in Sculpture
Source of Impact

- SCUL 210
- SCUL 410

Specialization in Art Education – Visual Arts
Source of Impact

- SCUL 210

Courses

SCUL 211 New
Source of Impact

SCUL 212 New
Source of Impact

SCUL 310
Source of Impact

- SCUL 210

SCUL 311
Source of Impact

- SCUL 210

SCUL 450
Source of Impact

- SCUL 410

SCUL 451
Source of Impact

- SCUL 410

SCUL 452
Source of Impact

- SCUL 410

SCUL 211 Sculpture and Material Practices I (3 credits) – abridged syllabus

Prerequisite

While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisities 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.

Description

In this studio-based course, students are exposed to the expansive field of contemporary sculpture and the range of materials and ideas employed by contemporary artists working in the discipline. This range is inclusive of Indigenous and culturally diverse artistic practices. Students acquire foundational skills for making and discussing 3D visual culture critically, including examining issues of cultural appropriation through material representation. Students present their sculptures through critiques, class discussions and individual consultations and will gain experience in developing three-dimensional artistic works within the context of contemporary sculpture. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Make and discuss 3D visual culture critically having acquired foundational skills in metal work, wood work and mouldmaking/casting.
- Identify cultural appropriation in material representation.
- Develop a studio production within the proposed context of the class and in relation to the expanded field of contemporary sculpture.
- Describe how sculpture is an inclusive and expanded field that stretches beyond conventional notions of ‘Sculpture’ and Euro-Western canons.
- Devise appropriate solutions for the realization of studio projects.
- Provide a basic description and analysis of their work, as well as the work of others.
- Identify artists and artworks of relevance to their projects from the history and contemporary practice of sculpture.
- Identify how materials and material choices affect both the content and form of contemporary sculpture.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 212 Sculpture and Material Practices II (3 credits) – abridged syllabus

Prerequisite
SCUL 211

Description
This studio-based course is a continuation of SCUL 211. Students deepen their exploration of materials and ideas employed in contemporary sculpture. Exposure and competence are developed in metal work, wood work and mouldmaking/casting. Students present their sculptures through critiques, class discussions and individual consultations. All course content is considered through a decolonial lens.

Learning outcomes
By the end of the course, students will be able to:

- Make and discuss 3D visual culture critically having developed more advanced skills in metal work, wood work and mouldmaking/casting
- Identify and discuss issues of cultural appropriation in material representation.
- Develop a complex studio production within the proposed context of the class and in relation to the expanded field of contemporary sculpture.
- Devise and implement appropriate solutions for the realization of studio projects.
- Provide a detailed description and analysis of their work, as well as the work of others.
- Contextualize their artwork in relation to the larger field of sculpture and contemporary art.
- Identify at an advanced level how materials and material choices affect both the content and form of contemporary sculpture.
- Demonstrate an understanding of how to apply what they have learnt about an inclusive and expanded understanding of contemporary sculpture and decolonial approaches in the creation of their own practice and in the works of others.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

FACULTÉ DES BEAUX-ARTS

Letter of approval:

September 13, 2022

To: Mitch Mitchell, Department of Studio Arts

Object: Deletion of SCUL 210, Creation of SCUL 211 and SCUL 212 and effects on Art Education Prerequisites

Dear Mitch,

The Department of Art Education has reviewed and approves the changes proposed in the STUDART-1181 dossier. The deletion of SCUL 210 and breaking it into two courses (211 and 212) will allow for better compatibility within the program as well as with our department. It will also allow students to expand their learning and choose the most appropriate path through their learning based on their learning needs and interests.

There are no resource implications.

Best regards,

Dr. Vivek Venkatesh

Art Education Chair

Concordia University
Fine Arts
Department of Studio Arts

STUDIO ARTS

INDEPENDENT STUDY / PROFESSIONAL INTERNSHIP REQUEST

PREREQUISITES:

- Successful completion of at least 48 credits in the student's current degree program
- Previous or concurrent completion of a 400-level course in student's current degree program

This form is to be completed by any student wishing to undertake an Independent Study or a Professional Internship in the Department of Studio Arts. This course must be carried out under the supervision of a full-time faculty member. A clearly defined agreement between the student and professor must be established before the commencement of this course. If you are certain that you meet the above prerequisites, please complete the following:

1. Attach a one-page proposal for your Independent Study or Professional Internship in which you clearly define the nature and scope of the project, provide a detailed workplan and outline the evaluation agreement reached with your supervising professor. Professional Internship requests must also be accompanied by a letter of employment from the internship supervisor outlining the student's duties and responsibilities for the duration of the position.

2. Fill out this form and have it signed by the full-time faculty member who has agreed to supervise this course.

3. Return this signed form and your proposal along with a recent copy of your student record to the Studio Arts Office (VA 250).

STUDENT ID# _____ PROGRAM _____

LAST NAME _____ FIRST NAME _____

TELEPHONE (_____) _____ - _____ E-MAIL _____

ADDRESS _____
STREET CITY PROVINCE POSTAL CODE

I wish to register for: ☐ AN INDEPENDENT STUDY ☐ A PROFESSIONAL INTERNSHIP

_____	_____	_____	_____
COURSE NAME (eg. DRAW)	COURSE NUMBER (eg. 200)	SESSION (eg. 3)	SECTION (eg. AA)

CREDITS _____ YEAR _____ SUMMER / FALL / WINTER
(PLEASE CIRCLE SEMESTERS THAT APPLY)

STUDENT'S SIGNATURE _____ DATE _____ / _____ / _____
MM DD YY

Approved by:

FACULTY SUPERVISOR _____ _____ DATE _____ / _____ / _____
PRINT SIGNATURE MM DD YY

DEPARTMENT CHAIR _____ _____ DATE _____ / _____ / _____
PRINT SIGNATURE MM DD YY

SCUL 221 Intro to Mouldmaking and Casting (3 credits) – abridged syllabus

Prerequisite

While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisities 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.

Description

This course introduces students to various mouldmaking and casting techniques required to reproduce 3D art objects. Students develop an understanding of waste moulds, flexible moulds, lifecasting, direct modelling of plaster or clay, and armature and support building. Readings and lectures provide examples of mouldmaking and casting in contemporary sculpture, demonstrating its potential for expression and representation. Discussions and presentations are inclusive of Indigenous and culturally diverse artistic practices. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Independently mould and cast 3D objects
- Demonstrate a knowledge of casting processes and uses in contemporary sculpture, as both a concept and technique
- Describe how mouldmaking and casting is an inclusive and expanded process that stretches beyond Euro-Western canons.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 231 Introduction to Sculptural Woodworking (3 credits) – abridged syllabus

Prerequisite

While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisities 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.

Description

This course introduces the tools and techniques of woodworking to produce sculptural artworks made from wood and wood-based products. Students will acquire skills and competence with various processes, such as design/build techniques, joinery and shaping. Concepts related to the theme of wood as an art material and its uses by Indigenous and culturally diverse artistic practices are explored through readings, critiques and discussions. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Demonstrate a knowledge of woodworking and its use in contemporary sculpture, as both a concept and technique
- Fabricate sculptures in wood that reflect concerns and practices within contemporary art.
- Identify and recognize the potential of wood as an art material, including its use by Indigenous and culturally diverse artistic practices

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 241 Sustainability in Sculptural Practices I (3 credits) – abridged syllabus

Prerequisite

While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisities 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.

Description

This course introduces themes, concepts and techniques for realizing sustainable sculptural artworks. Concepts such as materiality, non-extractivist methodologies, intersectional environmentalism, circular economies, environmental justice, the Anthropocene and sustainability from Indigenous and culturally diverse perspectives are explored through readings, discussions, fabrication techniques, and technical demonstrations. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Develop a studio production within the context of sustainable material practices in the expanded field of contemporary sculpture.
- Demonstrate a knowledge of key theories that decentre dominant approaches to sustainability and challenge greenwashing.
- Develop a range of skills in eco-friendly materials, techniques and practices.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 261 Public Art I (3 credits) – abridged syllabus

Prerequisite

While priority is given to students within the program, students wishing to enrol in the course must meet one of the following prerequisities 1) Enrolment in a major or minor program in the Department of Studio Arts; 2) Enrolment in a BFA program with credit requirements in Studio Arts; 3) permission of the program coordinator as determined by portfolio submission and space availability.

Description

In this course, students learn concepts and techniques for developing complex ideas and maquettes for public art competitions. The course explores how artists can help decolonize monuments, sites and public sculpture, and focuses on design/build problem solving for the realization of permanent public works. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Develop a knowledge of how decolonial public art practices can challenge and reimagine the history of public sculpture.
- Gain skills in developing professional quality maquettes for public art works.
- Gain experience in working in teams to develop public facing art works.
- Acquire knowledge in fabrication techniques used in public sculpture.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 314 Image and Object (3 credits) – abridged syllabus

Prerequisite

6 credits of 200-level courses in Sculpture, or 6 credits of 200-level courses in Photography, or 6 credits of 200-level courses in Intermedia.

Description

This interdisciplinary studio course explores the relationships and histories of power between images and objects. Objecthood and the materiality of images will be explored through processes such as collage, assemblage and digital printing. Students pursue interdisciplinary installations combining objects, materials, photography, and video. Assigned readings inform critiques and discussions. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Describe and identify histories of power between images and objects, and how contemporary artists are challenging these frameworks today.
- Articulate intentions, research and/or experiences through multimedia installations that combine 3D and 2D art forms.
- Engage in critical dialogue around visual culture and contemporary related issues to the making of images and objects.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 315 Materials and Surfaces (3 credits) – abridged syllabus

Prerequisite

6 credits of Sculpture 200-level courses, or CERA 230, or FBRS 240. If prerequisites are not satisfied, the permission of the Department is required.

Description

This intermediate-level studio course allows students to develop portfolios of material experimentation, skill acquisition, and object display methods. Led by individual interests, students develop in-depth investigations into traditional and non-traditional sculptural materials, surfaces, and techniques that are inclusive of Indigenous and culturally diverse practices and approaches. Issues surrounding the creative process and technical skills are explored through readings, critiques and discussions. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Develop a portfolio of material experimentation, skill acquisition, and object display methods.
- Identify how materials and surfaces affect both the content and form of contemporary sculpture.
- Acquire skills in developing new techniques and processes through experimentation and sampling, in order to arrive at desired material results.
- Identify artists and artworks relevant to their individual art projects, including those that are inclusive of Indigenous and culturally diverse approaches.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 341 Sustainability in Sculptural Practices II (3 credits) – abridged syllabus

Prerequisite

SCUL 241. If prerequisites are not satisfied, permission of the Department is required.

Description

This intermediate-level studio course is a continuation of *Sustainability in Sculpture Practices I.* More advanced themes, concepts and material techniques are explored through readings, discussion and critiques, and students are supported by the instructor in the realization of a body of 3D artworks that explores themes of sustainability through the individualized interests of the student. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Develop an advanced studio production within the context of sustainable material practices in the expanded field of contemporary sculpture.
- Demonstrate an advanced knowledge of key theories listed in course description that decentre dominant approaches to sustainability and challenge greenwashing.
- Develop further skills in eco-friendly materials, techniques and practices.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 361 Public Art II (3 credits) – abridged syllabus

Prerequisite
SCUL 261

Description
In this follow-up course to *Public Art I*, students learn how to develop a full public art proposal at a professional level of realization, with the goal of providing tools to start a successful career in public art. This includes concept, visualizations, drawings, budget plan, fabrication plans, and site attunement. Through this process, readings, discussion and critiques are employed to help students develop their projects in synchrony with decolonial goals for permanent artworks in public space. All course content is considered through a decolonial lens.

Learning outcomes
By the end of the course students will be able to:

- Develop an advanced knowledge of how decolonial public art practices can challenge and reimagine the history of public sculpture.
- Gain skills in developing professional quality complete public art proposals for juries and competitions.
- Gain further experience in working in teams to develop public facing art works.
- Develop vocabulary required for formal public art presentations, competitions and pitches.
- Acquire further knowledge in fabrication techniques used in public sculpture.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 413 Metal Casting: Bronze and Aluminium III (3 credits) – abridged syllabus

Prerequisite

SCUL 312

Description

This advanced course is a continuation of SCUL 312. Students develop their own independent project to be realized in bronze or aluminum. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Gain further knowledge of bronze and aluminum casting processes and uses in contemporary sculpture, as both a concept and technique.
- Describe and identify uses of metal casting in contemporary art works, including those by Indigenous and culturally diverse practitioners.
- Develop an independent project proposal and work plan, and fabricate artworks in metal based on that proposed plan.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

SCUL 414 Metal Casting: Bronze and Aluminium IV (3 credits) – abridged syllabus

Prerequisite

SCUL 413

Description

This advanced course is a continuation of SCUL 413. Students develop their own independent project with the support of and in consultation with the instructor, to be realized in bronze or aluminum casting processes. All course content is considered through a decolonial lens.

Learning outcomes

By the end of the course students will be able to:

- Demonstrate an advanced knowledge of bronze and aluminum casting processes and uses in contemporary sculpture, as both a concept and technique.
- Describe and identify further uses of metal casting in contemporary art works, including those by Indigenous and culturally diverse practitioners.
- Develop an advanced independent project proposal and work plan, and fabricate artworks in metal based on that proposed plan.

Assessments

- Completion of studio assignments and projects
- Group critiques
- Oral presentations
- Reading and writing assignments
- Participation and attendance

STUDIO ARTS
PROFESSIONAL INTERNSHIP AGREEMENT FORM

Date: _____

Overview of agreement and monitoring:

The undersigned Professor and host artist/institution supervisor have agreed to supervise the undersigned student for a professional/artistic internship. This is an opportunity for the student to experience employment in a professional/artistic setting concurrent to their last year of study in the BFA in Studio Arts. It is the responsibility of the student to find and secure the internship, which may be remunerated or not. The Department of Studio Arts will provide support but will not assign an internship to the student.

As the internship is highly individualized, the Supervising Professor and Program Coordinator will rely on the student to report any issue in the workplace. The Supervising Professor will check in with the host artist/institution supervisor at least once during the internship. It is the responsibility of the student to request a meeting to update any changes made to the original offer by the host organization.

The student and the Supervising Professor will meet:

- During the approval stage of the internship proposal.
- To approve and clarify the syllabus determined by the Supervising Professor in conjunction with the student, including the expected learning outcomes (p.2), method of evaluation (see p.2), and schedule of meetings.
- At the midterm reporting of internship progress (this may be done by email, Zoom or in person).
- At the completion of the internship for assessing the value of the experience.

Prerequisites:

- Students must be in third year standing with 48 credits completed in the Major in Sculpture Degree program.
- Permission of the Department is required.
- A clearly defined job description and written agreement between the student intern and the host artist/institution to undertake the internship.
- Written permission of the Supervising Professor
- Written acknowledgement of the Program Coordinator

Number of hours:

- The internship will consist of between 150-200 hours for a 3-credit course, and between 300-400 hours for a 6-credit course.

Payment:

Internships may be paid or unpaid according to each individual internship.

- Please circle if this internship will be paid by the site: **YES** **NO**

Expected Learning Outcomes:

Will vary according to the host site involved. They may include:

1. Establishing professional working relationships with their internship host.
2. Synthesizing connections between concepts and application.
3. Applying academic concepts to real-life experience and develop solutions to problems, describing methods from their field of study.
4. Communicating knowledge, skills and results, demonstrating understanding of how concrete experience links to academic concept.
5. Reflecting on the experience by critically analysing their internship experience and how learning was achieved through the process itself.

Grading:

1. Course assessments and weighting will vary according to the host site involved. They may include:
    - Participation in preparatory activities prior to the internship
    - Student reflective journals
    - Daily blog journal
    - Debrief(s) with academic supervisor
    - Mid-way and final internship reports with academic supervisor
    - Assessments by the employer/on-site supervisor of the internships
    - Final assessment/portfolio
    - Participation at an on-site event (e.g. exhibition, public performance, publication, etc.)

2. Final assessment will take place in the form of a letter grade.

Final submission by the intern:

Two components:

1. A final report:

- The complete document is required before grades can be assigned. The length of the report is minimum two pages.
- The internship proposal should be included in the final report.
- The final report must include the letter of assessment from the employer.
- The text document must be of good quality with edits, spelling and grammar checks completed. All visual documentation must be formatted and of good quality.
- Any changes or modifications to the internship proposal agreement must be clearly stated in the report.
- The report must summarize:

a) What was gained from the internship experience including personal growth and technical and conceptual skills.
b) Why was the internship important for the student's program of study.
c) State the nature of the work environment including whether the internship involved teamwork, individual tasks or other.
d) Complete outline of the position held, tasks and responsibilities completed and the number of actual hours completed.
e) Photos, screenshots, DVD and other documentation may be submitted to show the internship environment and represent projects completed (with permission of the employer).

2. A letter:

Letter from the artist, organization, or institution, outlining the responsibilities of the intern, an assessment of the quality of the work done by the intern, and a confirmation of the number of hours of the internship.

Role of the host organisation:

The following provides general guidelines and conditions for organizations wishing to host an intern. The host organization is responsible for the following:

- Submit an accurate and relevant job profile.
- Identify a staff person to act as the main contact for the Supervising Professor throughout the selection process and internship and to supervise the intern.
- Offer supervision to the student during the internship: provide day-to-day guidance on the work to be completed; offer feedback on their work; support successful completion of deliverables.
- Provide a letter outlining the responsibilities of the intern, an assessment of the quality of the work done by the intern, and a confirmation of the number of hours of the internship.
- Offer a formal evaluation of the work done by the intern, based on the expectations outlined in the job profile and the actual outcomes.

Role of the Department of Studio Arts:

The Department of Studio Arts at Concordia University will provide the following in support of the intern and host organization:

- The Supervising Professor will oversee and conduct the assessments. These assessments will vary according to the host site but may include the assessment types listed on p.2.
- The Program Coordinator and Supervising Professor will assist the intern in case of issues related to internship activities to minimize the impact of errors. However, as this is a learning program, both parties must recognize that the interns are still in training and that mistakes are inevitable.
- The Department of Studio Arts and the host organization will jointly approve the scope of the internship activities.
- As required, confidentiality of host organization information will be maintained as best as is practical. Students will be instructed prior to the internship on how to deal with confidential information.

Information about the parties:

The Studio Arts internship is intended to operate as a partnership between two organizations: Concordia University and the host artist/institution.

About the host artist/institution:

[*The host organization may provide a short statement about their work here*]

Host artist/institution contact(s):

[*Please list the contact information of at least one person at the host organization responsible for supporting the intern, including full name, title, phone number, and email address*]

Department of Studio Arts contact:

Should the host organization have any concerns about the progress of the internship, or wish to have any concerns alleviated, they may contact the following:

Sculpture Program Coordinator*
Department of Studio Arts
Concordia University

**Given that this Coordinator position rotates among faculty members, please contact studioarts.admin@concordia.ca to receive the most recent address of the Program Coordinator.*

We the undersigned agree with the conditions of participation indicated in this agreement:

Name and title of host organization	Signature	Date
Name and title of Supervising Professor	Signature	Date
Student	Signature	Date

SCUL 480 Professional Internship (6 credits) – abridged syllabus

Prerequisite
Students must be in third year standing with 48 credits completed in the Major in Sculpture degree program. Permission of the Department is required.

Description
Under the joint supervision of a qualified professional and a full-time faculty member, the student interns with a professional artist, professional organization, or other relevant institution. A clearly defined agreement between the Department, the student, and the artist/professional institution involved is established before the internship is undertaken. This agreement should clearly state the nature of the student's participation and the hours of work expected. The number of hours is between 300 and 400 hours. Projects receiving approval for the internship credits must demonstrate significant learning potential for the student.

Expected learning outcomes:
Will vary according to the host site involved. They may include:

1. Establishing professional working relationships with their internship host.
2. Synthesizing connections between concepts and application.
3. Applying academic concepts to real-life experience and develop solutions to problems, describing methods from their field of study.
4. Communicating knowledge, skills and results, demonstrating understanding of how concrete experience links to academic concept.
5. Reflecting on the experience by critically analysing their internship experience and how learning was achieved through the process itself.

Assessments
Course assessments and weighting will vary according to the host site involved. They may include:

- Participation in preparatory activities prior to the internship
- Student reflective journals
- Daily blog journal
- Debrief(s) with academic supervisor
- Mid-way and final internship reports with academic supervisor
- Assessments by the employer/on-site supervisor of the internships
- Final assessment/portfolio
- Participation at an on-site event (e.g., exhibition, public performance, publication, etc.)

SCUL 481 Professional Internship I (3 credits) – abridged syllabus

Prerequisite
Third-year standing with 48 credits completed in the Sculpture degree program. Permission of the Department is required.

Description
Under the joint supervision of a qualified professional and a full-time faculty member, the student interns with a professional artist, professional organization or other relevant institution. A clearly defined agreement between the Department, the student, and the artist/professional institution involved is established before the internship is undertaken. This agreement should clearly state the nature of the student's participation and the hours of work expected. The number of hours is between 150 and 200 hours. Projects receiving approval for the internship credits must demonstrate significant learning potential for the student.

Expected learning outcomes:
Will vary according to the host site involved. They may include:

1. Establishing professional working relationships with their internship host.
2. Synthesizing connections between concepts and application.
3. Applying academic concepts to real-life experience and develop solutions to problems, describing methods from their field of study.
4. Communicating knowledge, skills and results, demonstrating understanding of how concrete experience links to academic concept.
5. Reflecting on the experience by critically analysing their internship experience and how learning was achieved through the process itself.

Assessments
Course assessments and weighting will vary according to the host site involved. They may include:

- Participation in preparatory activities prior to the internship
- Student reflective journals
- Daily blog journal
- Debrief(s) with academic supervisor
- Mid-way and final internship reports with academic supervisor
- Assessments by the employer/on-site supervisor of the internships
- Final assessment/portfolio
- Participation at an on-site event (e.g., exhibition, public performance, publication, etc.)

SCUL 482 Professional Internship II (3 credits) – abridged syllabus

Prerequisite
SCUL 481

Description
Under the joint supervision of a qualified professional and a full-time faculty member, the student interns with a professional artist, professional organization or other relevant institution. A clearly defined agreement between the Department, the student, and the artist/professional institution involved is established before the internship is undertaken. This agreement should clearly state the nature of the student's participation and the hours of work expected. The number of hours is between 150 and 200 hours. Projects receiving approval for the internship credits must demonstrate significant learning potential for the student.

Expected learning outcomes:
Will vary according to the host site involved. They may include:

1. Establishing professional working relationships with their internship host.
2. Synthesizing connections between concepts and application.
3. Applying academic concepts to real-life experience and develop solutions to problems, describing methods from their field of study.
4. Communicating knowledge, skills and results, demonstrating understanding of how concrete experience links to academic concept.
5. Reflecting on the experience by critically analysing their internship experience and how learning was achieved through the process itself.

Assessments
Course assessments and weighting will vary according to the host site involved. They may include:

- Participation in preparatory activities prior to the internship
- Student reflective journals
- Daily blog journal
- Debrief(s) with academic supervisor
- Mid-way and final internship reports with academic supervisor
- Assessments by the employer/on-site supervisor of the internships
- Final assessment/portfolio
- Participation at an on-site event (e.g., exhibition, public performance, publication, etc.)

Undergraduate Program Regular Curriculum Change - FA-THEA-4401 - VERSION : 15

Summary and Rationale for Changes

The current code DFTT restricts the ostensible scope of the specialization to a single medium, Design for the Theatre. Over the past two decades, through incremental adjustments to the core courses' content and the introduction of special topics, faculty have widened the scope of the specialization to accommodate other media, thus making the degree applicable to a broader range of career opportunities. Students currently acquire methods, skills, and techniques such as art direction, circus design, exhibition design, special events, installation design, and multimedia design for live performance. The code SCEN is more appropriate for all of these courses.

In a July, 2021 curriculum change (THEA-27), the Department of Theatre recognized that, in contemporary practice, the work of stage designers extends well beyond the traditional elements of theatrical production – sets, costumes, props, lighting, etc. – to applications across a broader range of disciplines and art forms, both live and mediated. It was acknowledged that the former program name, “Design for the Theatre,” no longer reflected the expanded range of professional disciplines and trades to which stage design skills are applied. Hence, the program name “Specialization in Scenography” was introduced to signal teaching and professional training for such fields as: circus, dance, and other live arts; art direction and visual design for media production, animation, and television; exhibition and installation design; and, the design of public art for the urban environment. Students in the program are given the conceptual and hands-on skills to work laterally across these fields.

The present dossier represents the second phase of changes and follow THEA 27 which was passed by Senate in November 21, 2021.

The Specialization in Scenography, embracing an expanded role of scene design both within and beyond the practices of live performing arts, is heading into its first year under this new program name. However, a number of courses still bear the old DFTT code. This set of changes is mainly introduced to harmonize all program courses with a SCEN code. Course codes will be changed from DFTT to SCEN, with some courses requiring the use of new numbers to avoid duplication of numbers used in the past. The change of number is administrative in nature and has no bearing on the content of the course. As well, in some cases, the term “Scenography” will replace the term “Design for Live Performance” and “Theatre” in a course title.

There are some other changes included as part of this dossier. These include:

Rectifying a mistake in the Undergraduate Calendar. SCEN 360 (previously DFTT 350) is a 6-credit course, appearing in the 2020-21 Undergraduate Calendar as such, and is duly set up that way in SIS.

Removal of prerequisites for SCEN 271 (previously DFTT 212) as this course is a suggested first year Performance Creation course and removal of the prerequisites opens up the course to students in that program.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to courses SCEN 315, SCEN 324, SCEN 325, SCEN 326, SCEN 334, SCEN 335, SCEN 336, SCEN 337, SCEN 344, SCEN 345, SCEN 360, SCEN 361, SCEN 370, SCEN 371, as these are core courses for first year BFA Specialization in Scenography students.

Addition of special projects such as portfolio development to courses within the Scenography program (SCEN 360, SCEN 361, SCEN 460, SCEN 461) which will allow for these courses to be an alternative to a Scenography independent study course.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Dr. Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Meeting, 18 Nov 2022

Approved by:

Dr. Annie Gerin, Dean, Faculty of Arts,
Faculty Council, 14 Oct 2022

The Faculty of Arts Council has reviewed and approved the THEA-4401 curriculum dossier from the Department of Theatre in its meeting of 14 October 2022.

We hereby submit this dossier for review by the Academic Programs Committee on November 18, 2022.

There are no resource implications.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Dr. Annie Gerin, Dean, Faculty of Fine Arts,
Faculty Council, 14 Oct 2022

Approved by:

Dr. Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy, Office of the Dean, Faculty of Fine Arts,
Faculty Curriculum Committee, 07 Sep 2022

The Faculty of Fine Arts Curriculum Committee has reviewed and approved the THEA-4401 curriculum dossier from the Department of Theatre in its meeting of 7 September, 2022.

We hereby submit this dossier for review by the Faculty Council on October 14, 2022.

There are no resource implications.

Summary of Committee Discussion: Department approval

For Submission to:

Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy, Office of the Dean, Faculty of Fine Arts,
Faculty Curriculum Committee, 07 Sep 2022

Approved by:

Mark Sussman, Acting Chair, Theatre Department,
Department Council, 14 Jul 2022

Both the Department Curriculum Committee and the Department Council met and approved the proposed changes to the Specialization in Scenography on July 12th and July 14th, 2022, respectively.

There are no resource implications with these changes.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
DFTT 209 Design for Live Performance I Delete	X	X	X	X	X		X	X	X	
DFTT 210 Design for Live Performance II Delete	X	X	X	X	X		X	X	X	
DFTT 211 Drawing for the Theatre Delete	X	X	X	X	X		X	X	X	
DFTT 212 Introduction to Elements of Production Delete	X	X	X	X	X		X	X	X	
DFTT 298 Special Topics in Design for the Theatre Delete	X	X	X	X	X	X	X	X	X	
DFTT 299 Special Topics in Design for the Theatre Delete	X	X	X	X	X	X	X	X	X	
DFTT 301 Introduction to Designer's Studio: Conception Delete	X	X	X	X	X	X	X	X	X	
DFTT 305	X	X	X	X	X		X	X	X	

Independent Study I Delete										
DFTT 311 Lighting Design Conception Delete	X	X	X	X	X		X	X	X	
DFTT 315 Lighting Design Realization Delete	X	X	X	X	X		X	X	X	
DFTT 321 Costume Design Conception Delete	X	X	X	X	X		X	X	X	
DFTT 325 Costume Design Realization Delete	X	X	X	X	X		X	X	X	
DFTT 326 Costume Accessories Realization Delete	X	X	X	X	X		X	X	X	
DFTT 331 Set Design Conception Delete	X	X	X	X	X		X	X	X	
DFTT 335 Set Design Realization Delete	X	X	X	X	X		X	X	X	
DFTT 336 Stage Properties Realization Delete	X	X	X	X	X		X	X	X	
DFTT 337 Scene Painting Realization Delete	X	X	X	X	X		X	X	X	
DFTT 341 Elements of Multimedia Conception Delete	X	X	X	X	X		X	X	X	

DFTT 345 Elements of Multimedia Realization Delete	X	X	X	X	X		X	X	X	
DFTT 350 Introduction to Public Performance Design Delete	X	X	X	X	X	X	X	X	X	
DFTT 351 Introduction to Public Performance Design Delete	X	X	X	X	X	X	X	X	X	
DFTT 370 Elements of Production Delete	X	X	X	X	X	X	X	X	X	
DFTT 371 Elements of Production Delete	X	X	X	X	X	X	X	X	X	
DFTT 398 Special Topics in Design for the Theatre: Realization Delete	X	X	X	X	X	X	X	X	X	
DFTT 399 Special Topics in Design for the Theatre Delete	X	X	X	X	X	X	X	X	X	
DFTT 401 Advanced Designer’s Studio: Conception Delete	X	X	X	X	X	X	X	X	X	
DFTT 405 Independent Study II Delete	X	X	X	X	X		X	X	X	
DFTT 408 Supervised Internship I Delete	X	X	X	X	X		X	X	X	

DFTT 409 Supervised Internship II Delete	X	X	X	X	X		X	X	X	
DFTT 450 Advanced Public Performance Design Delete	X	X	X	X	X	X	X	X	X	
DFTT 451 Advanced Public Performance Design Delete	X	X	X	X	X	X	X	X	X	
DFTT 470 Advanced Elements of Production Delete	X	X	X	X	X	X	X	X	X	
DFTT 471 Advanced Elements of Production Delete	X	X	X	X	X	X	X	X	X	
DFTT 498 Special Topics in Design for the Theatre: Conception Delete	X	X	X	X	X	X	X	X	X	
DFTT 499 Special Topics in Design for the Theatre Delete	X	X	X	X	X	X	X	X	X	
PERC 384 Performance Creation Studio II: Collaborative Practice Change					X					
PERC 408 Supervised Internship I Change					X					
PERC 409 Supervised					X					

Internship II Change										
SCEN 209 Scenography I New	X	X	X	X	X		X	X	X	
SCEN 210 Scenography II New	X	X	X	X	X		X	X	X	
SCEN 214 Drawing for Scenography New	X	X	X	X	X		X	X	X	
SCEN 271 Introduction to Elements of Production New	X	X	X	X	X		X	X	X	
SCEN 298 Special Topics in Scenography New	X	X	X	X	X	X	X	X	X	
SCEN 299 Special Topics in Scenography New	X	X	X	X	X	X	X	X	X	
SCEN 304 Introduction to Designer's Studio: Conception New	X	X	X	X	X	X	X	X	X	
SCEN 305 Independent Study I New	X	X	X	X	X		X	X	X	
SCEN 314 Lighting Design Conception New	X	X	X	X	X		X	X	X	
SCEN 315 Lighting Design Realization New	X	X	X	X	X		X	X	X	
SCEN 324 Costume Design Conception New	X	X	X	X	X		X	X	X	

SCEN 325 Costume Design Realization New	X	X	X	X	X		X	X	X	
SCEN 326 Costume Accessories Realization New	X	X	X	X	X		X	X	X	
SCEN 327 Hair and Make-up Design Change					X					
SCEN 334 Set Design Conception New	X	X	X	X	X		X	X	X	
SCEN 335 Set Design Realization New	X	X	X	X	X		X	X	X	
SCEN 336 Stage Properties Realization New	X	X	X	X	X		X	X	X	
SCEN 337 Scene Painting Realization New	X	X	X	X	X		X	X	X	
SCEN 344 Elements of Multimedia Conception New	X	X	X	X	X		X	X	X	
SCEN 345 Elements of Multimedia Realization New	X	X	X	X	X		X	X	X	
SCEN 347 Exhibition Scenography Change					X					
SCEN 360 Introduction to Public Performance Design New	X	X	X	X	X		X	X	X	

SCEN 361 Introduction to Public Performance Design New	X	X	X	X	X		X	X	X	
SCEN 370 Elements of Production New	X	X	X	X	X		X	X	X	
SCEN 371 Elements of Production New	X	X	X	X	X		X	X	X	
SCEN 398 Special Topics in Scenography New	X	X	X	X	X	X	X	X	X	
SCEN 399 Special Topics in Scenography New	X	X	X	X	X	X	X	X	X	
SCEN 404 Advanced Designer's Studio: Conception New	X	X	X	X	X	X	X	X	X	
SCEN 405 Independent Study II New	X	X	X	X	X		X	X	X	
SCEN 408 Supervised Internship I New	X	X	X	X	X		X	X	X	
SCEN 409 Supervised Internship II New	X	X	X	X	X		X	X	X	
SCEN 412 Art Direction Delete	X	X	X	X	X		X	X	X	
SCEN 413 Art Direction New	X	X	X	X	X		X	X	X	
SCEN 460 Advanced Public Performance Design New	X	X	X	X	X		X	X	X	

SCEN 461 Advanced Public Performance Design New	X	X	X	X	X		X	X	X	
SCEN 470 Advanced Elements of Production New	X	X	X	X	X		X	X	X	
SCEN 471 Advanced Elements of Production New	X	X	X	X	X		X	X	X	
SCEN 498 Special Topics in Scenography New	X	X	X	X	X	X	X	X	X	
SCEN 499 Special Topics in Scenography New	X	X	X	X	X	X	X	X	X	

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
Specialization in Acting for the Theatre Change				X			
Specialization in Performance Creation Change				X			
Specialization in Scenography Change				X			

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: Specialization in Acting for the Theatre
Calendar Section Type: Program
Description of Change: Specialization in Acting for the Theatre Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre
Program Name: Specialization in Acting for the Theatre
Program Type: Specialization
Degree: Bachelor/Baccalaureate of Fine Arts (BFA)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Programs > BFA Specialization in Acting for the Theatre > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar	**Proposed Text**
60 credits Specialization in Acting for the Theatre	**60 credits** Specialization in Acting for the Theatre
18 credits: ACTT 209 The Engaged Theatre Artist (3) ~~DFTT 209 Design for Live Performance I (3)~~ PERC 211 Theatre in the City (3) PERC 212 Introduction to Dramaturgy (3) PERC 303 Theatre History and Theory to 1800 (3) PERC 306 Theatre History and Theory, 1800 to the Present (3)	18 credits: ACTT 209 The Engaged Theatre Artist (3) PERC 211 Theatre in the City (3) PERC 212 Introduction to Dramaturgy (3) PERC 303 Theatre History and Theory to 1800 (3) PERC 306 Theatre History and Theory, 1800 to the Present (3) SCEN 209 Scenography I (3)
15 credits: ACTT 210 Scene Study I (3) ACTT 211 Voice and Movement for the Stage I (3) ACTT 321 Movement for the Stage II (3) ACTT 325 Voice for the Stage II (3) ACTT 331 Scene Study II (3)	15 credits: ACTT 210 Scene Study I (3) ACTT 211 Voice and Movement for the Stage I (3) ACTT 321 Movement for the Stage II (3) ACTT 325 Voice for the Stage II (3) ACTT 331 Scene Study II (3)
18 credits chosen from the following studio courses: ACTT 231 Ensemble I (3) ACTT 332 Improvisation (3) ACTT 355 Voice for the Stage III (3) ACTT 358 Movement for the Stage III (3) ACTT 360 Ensemble II (3) ACTT 362 Laban for the Actor (3) ACTT 370 Clown for the Actor (3) ACTT 372 Stage Combat (3)	18 credits chosen from the following studio courses: ACTT 231 Ensemble I (3) ACTT 332 Improvisation (3) ACTT 355 Voice for the Stage III (3) ACTT 358 Movement for the Stage III (3) ACTT 360 Ensemble II (3) ACTT 362 Laban for the Actor (3) ACTT 370 Clown for the Actor (3) ACTT 372 Stage Combat (3) ACTT 398 Special Topics in Acting (3)

ACTT 398 Special Topics in Acting (3)
ACTT 432 Rasaboxes (3)
ACTT 450 Advanced Acting Studio (3)
ACTT 455 Voice for the Stage IV (3)
ACTT 458 Movement for the Stage IV (3)
ACTT 465 The Actor's Profession (3)
ACTT 498 Special Topics in Acting (3)

3 credits chosen from the following studio or seminar courses:
PERC 311 Directing I (3)
PERC 318 Playwriting I (3)
PERC 321 Introduction to Performance Studies (3)
PERC 322 Gender and Sexuality in Performance (3)

PERC 323 Post-Colonial Theory and Practice (3)
PERC 324 Queer Theatre and Performance (3)
PERC 351 Community Arts: The Art of Engagement (3)
PERC 354 Popular Theatre (3)
PERC 356 Puppetry and Performing Object Workshop (3)
PERC 384 Performance Creation Studio II: Collaborative Practice (3)
PERC 386 Interdisciplinary Approaches to Performance Creation (3)
PERC 412 Expanded Dramaturgical Practice (3)
PERC 421 Socially Engaged and Activist Performance (3)
ACTT 480 Designing an Acting Workshop (3)
ACTT 481 Conducting an Acting Workshop (3)

6 credits chosen from the following public performance courses:
ACTT 435 Creation Project (3)
ACTT 436 One-Act Project (3)
ACTT 440 Supervised Acting Performance Project (3)
ACTT 460 Classical Text Project (3)
PERC 390 Performance Creation Studio (3)
PERC 488 Short Works Festival (3)
PERC 490 Performance Creation Mainstage (6)

ACTT 432 Rasaboxes (3)
ACTT 450 Advanced Acting Studio (3)
ACTT 455 Voice for the Stage IV (3)
ACTT 458 Movement for the Stage IV (3)
ACTT 465 The Actor's Profession (3)
ACTT 498 Special Topics in Acting (3)

3 credits chosen from the following studio or seminar courses:
PERC 311 Directing I (3)
PERC 318 Playwriting I (3)
PERC 321 Introduction to Performance Studies (3)
PERC 322 Gender and Sexuality in Performance (3)
PERC 323 Post-Colonial Theory and Practice (3)
PERC 324 Queer Theatre and Performance (3)
PERC 351 Community Arts: The Art of Engagement (3)
PERC 354 Popular Theatre (3)
PERC 356 Puppetry and Performing Object Workshop (3)
PERC 384 Performance Creation Studio II: Collaborative Practice (3)
PERC 386 Interdisciplinary Approaches to Performance Creation (3)
PERC 412 Expanded Dramaturgical Practice (3)
PERC 421 Socially Engaged and Activist Performance (3)
ACTT 480 Designing an Acting Workshop (3)
ACTT 481 Conducting an Acting Workshop (3)

6 credits chosen from the following public performance courses:
ACTT 435 Creation Project (3)
ACTT 436 One-Act Project (3)
ACTT 440 Supervised Acting Performance Project (3)
ACTT 460 Classical Text Project (3)
PERC 390 Performance Creation Studio (3)
PERC 488 Short Works Festival (3)
PERC 490 Performance Creation Mainstage (6)

Rationale:
The Specialization in Scenography, embracing an expanded role of scene design both within and beyond the practices of live performing arts, is heading into its first year under this new program name. However, a number of courses still bear the old DFTT code. This set of changes is mainly introduced to harmonize all Scenography courses with a SCEN code. Course codes will be changed from DFTT to SCEN, with some courses requiring the use of new numbers to avoid duplication of numbers used in the past. The change of number is administrative in nature and has no bearing on the content of the course. As well, in some cases, the term "Scenography" will replace the term "Design for Live

Performance” and “Theatre” in a course title.

Resource Implications:

NONE

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: Specialization in Performance Creation
Calendar Section Type: Program
Description of Change: Specialization in Performance Creation Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre
Program Name: Specialization in Performance Creation
Program Type: Specialization
Degree: Bachelor/Baccalaureate of Fine Arts (BFA)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Programs > BFA Specialization in Performance Creation > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar

60 credits Specialization in Performance Creation

21 credits:
~~DFTT 209 Design for Live Performance I (3)~~
~~DFTT 212 Introduction to Elements of Production (3)~~
PERC 209 The Engaged Theatre Artist (3)
PERC 211 Theatre in the City (3)
PERC 212 Introduction to Dramaturgy (3)
PERC 303 Theatre History and Theory to 1800 (3)
PERC 306 Theatre History and Theory, 1800 to the Present (3)

9 credits:
PERC 210 Performance Creation Studio I: Theory and Method (3)
PERC 321 Introduction to Performance Studies (3)
PERC 384 Performance Creation Studio II: Collaborative Practice (3)

6 credits:
PERC 311 Directing I (3)
PERC 318 Playwriting I (3)

6 credits chosen from the following seminar courses:
PERC 322 Gender and Sexuality in Performance (3)

PERC 323

Proposed Text

60 credits Specialization in Performance Creation

21 credits:
PERC 209 The Engaged Theatre Artist (3)
PERC 211 Theatre in the City (3)
PERC 212 Introduction to Dramaturgy (3)
PERC 303 Theatre History and Theory to 1800 (3)
PERC 306 Theatre History and Theory, 1800 to the Present (3)
SCEN 209 Scenography I (3)
SCEN 271 Introduction to Elements of Production (3)

9 credits:
PERC 210 Performance Creation Studio I: Theory and Method (3)
PERC 321 Introduction to Performance Studies (3)
PERC 384 Performance Creation Studio II: Collaborative Practice (3)

6 credits:
PERC 311 Directing I (3)
PERC 318 Playwriting I (3)

6 credits chosen from the following seminar courses:
PERC 322 Gender and Sexuality in Performance (3)
PERC 323 Post-Colonial Theory and Practice (3)
PERC 324 Queer Theatre and Performance (3)
PERC 354 Popular Theatre (3)
PERC 412 Expanded Dramaturgical Practice (3)

Post-Colonial Theory and Practice (3)
PERC 324 Queer Theatre and Performance (3)
PERC 354 Popular Theatre (3)
PERC 412 Expanded Dramaturgical Practice (3)
PERC 421 Socially Engaged and Activist Performance (3)

6 credits chosen from the following studio courses:
PERC 351 Community Arts: The Art of Engagement (3)
PERC 355 The Arts of Listening and Interviewing (3)
PERC 356 Puppetry and Performing Object Workshop (3)
PERC 386 Interdisciplinary Approaches to Performance Creation (3)
PERC 422 Indigenous Storytelling (3)
PERC 462 Playwriting II (3)
PERC 464 Oral History Performance (3)
PERC 471 Directing II (3)
PERC 486 Site-specific Performance Practice (3)

6 credits chosen from the following public performance courses:
PERC 390 Performance Creation Studio (3)
PERC 488 Short Works Festival (3)
PERC 490 Performance Creation Mainstage (6)
PERC 496 Performance Creation Field School (3)

6 credits chosen from courses offered within the Department of Theatre

PERC 421 Socially Engaged and Activist Performance (3)

6 credits chosen from the following studio courses:
PERC 351 Community Arts: The Art of Engagement (3)
PERC 355 The Arts of Listening and Interviewing (3)
PERC 356 Puppetry and Performing Object Workshop (3)
PERC 386 Interdisciplinary Approaches to Performance Creation (3)
PERC 422 Indigenous Storytelling (3)
PERC 462 Playwriting II (3)
PERC 464 Oral History Performance (3)
PERC 471 Directing II (3)
PERC 486 Site-specific Performance Practice (3)

6 credits chosen from the following public performance courses:
PERC 390 Performance Creation Studio (3)
PERC 488 Short Works Festival (3)
PERC 490 Performance Creation Mainstage (6)
PERC 496 Performance Creation Field School (3)

6 credits chosen from courses offered within the Department of Theatre

Rationale:
The Specialization in Scenography, embracing an expanded role of scene design both within and beyond the practices of live performing arts, is heading into its first year under this new program name. However, a number of courses still bear the old DFTT code. This set of changes is mainly introduced to harmonize all Scenography program courses with a SCEN code. Course codes will be changed from DFTT to SCEN, with some courses requiring the use of new numbers to avoid duplication of numbers used in the past. The change of number is administrative in nature and has no bearing on the content of the course. As well, in some cases, the term “Scenography” will replace the term “Design for Live Performance” and “Theatre” in a course title.

Resource Implications:
NONE

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: Specialization in Scenography
Calendar Section Type: Program
Description of Change: Specialization in Scenography Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre
Program Name: Specialization in Scenography
Program Type: Specialization
Degree: Bachelor/Baccalaureate of Fine Arts (BFA)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Programs > BFA Specialization in Scenography > Program Requirements

Type of Change: Program Change

Present Text (from 2021) calendar

60 credits Specialization in Scenography

3 credits chosen from:
ACTT 209 The Engaged Theatre Artist (3)
PERC 209 The Engaged Theatre Artist (3)

24 credits:
~~DFTT 209 Design for Live Performance I (3)~~
~~DFTT 210 Design for Live Performance II (3)~~
~~DFTT 211 Drawing for the~~ Theatre (3)
~~DFTT 212 Introduction~~ to ~~Elements of Production~~ (3)
PERC 211 Theatre in the City (3)
PERC 212 Introduction to Dramaturgy (3)
~~PERC 303 Theatre History and Theory to 1800~~ (3)
~~PERC 306 Theatre History and Theory, 1800~~ to ~~the Present~~ (3)

9 credits chosen from the following conception courses:
~~DFTT 301~~ Introduction to ~~Designer's~~ Studio: Conception (3)
~~DFTT 311~~ Lighting Design Conception (3)
~~DFTT 321~~ Costume Design Conception (3)
~~DFTT 331~~ Set Design Conception (3)
~~DFTT 341~~ Elements of Multimedia Conception (3)
~~DFTT 401 Advanced Designer's Studio: Conception (3)~~
~~DFTT 498 Special Topics in Design for the Theatre: Conception (3)~~

Proposed Text

60 credits Specialization in Scenography

3 credits chosen from:
ACTT 209 The Engaged Theatre Artist (3)
PERC 209 The Engaged Theatre Artist (3)

24 credits:
PERC 303 Theatre History and Theory to 1800 (3)
PERC 306 Theatre History and Theory, 1800 to the Present (3)
PERC 211 Theatre in the City (3)
PERC 212 Introduction to Dramaturgy (3)
SCEN 209 Scenography I (3)
SCEN 210 Scenography II (3)
SCEN 214 Drawing for Scenography (3)
SCEN 271 Introduction to Elements of Production (3)

9 credits chosen from the following conception courses:
SCEN 304 Introduction to Designer's Studio: Conception (3)
SCEN 314 Lighting Design Conception (3)
SCEN 324 Costume Design Conception (3)
SCEN 334 Set Design Conception (3)
SCEN 344 Elements of Multimedia Conception (3)
SCEN 347 Exhibition Scenography (3)
SCEN 404 Advanced Designer's Studio: Conception (3)
SCEN 411 Urban Scenographies (3)
SCEN 413 Art Direction (3)
SCEN 448 Design Field School (3)
SCEN 498 Special Topics in Scenography (3)

SCEN 347 Exhibition Scenography (3)
SCEN 411 Urban Scenographies (3)
SCEN ~~412 SCEN~~ 448 Design Field School (3)

9 credits chosen from the following realization courses:
~~DFTT~~ 305 Independent Study I (3)
~~DFTT~~ 315 Lighting Design Realization (3)
~~DFTT~~ 325 Costume Design Realization (3)
~~DFTT~~ 326 Costume Accessories Realization (3)
~~DFTT~~ 335 Set Design Realization (3)
~~DFTT~~ 336 Stage Properties Realization (3)
~~DFTT~~ 337 Scene Painting Realization (3)
~~DFTT~~ 345 Elements of Multimedia Realization (3)
~~DFTT~~ 398 Special Topics in ~~Design for the Theatre: Realization~~ (3)
~~DFTT~~ 405 Independent Study II (3)
~~SCEN 327 Hair and Make-up Design (3)~~

3 credits:
PERC 311 Directing I (3)

3 credits chosen from the following studio/seminar courses:
PERC 356 Puppetry and Performing Object Workshop ~~(3)~~
~~PERC 412 Expanded Dramaturgical Practice~~ (3)
PERC 464 Oral History Performance (3)
PERC 486 Site-specific Performance Practice (3)

9 credits of elective courses from the Faculty of Fine Arts
Note: Students are advised to select six credits from Studio Art electives.

SCEN 404

9 credits chosen from the following realization courses:
SCEN 305 Independent Study I (3)
SCEN 315 Lighting Design Realization (3)
SCEN 325 Costume Design Realization (3)
SCEN 326 Costume Accessories Realization (3)
SCEN 327 Hair and Make-up Design (3)
SCEN 335 Set Design Realization (3)
SCEN 336 Stage Properties Realization (3)
SCEN 337 Scene Painting Realization (3)
SCEN 345 Elements of Multimedia Realization (3)
SCEN 398 Special Topics in Scenography (3)
SCEN 405 Independent Study II (3)

3 credits:
PERC 311 Directing I (3)

3 credits chosen from the following studio/seminar courses:

PERC 356 Puppetry and Performing Object Workshop (3)
PERC 464 Oral History Performance (3)
PERC 486 Site-specific Performance Practice (3)

9 credits of elective courses from the Faculty of Fine Arts
Note: Students are advised to select six credits from Studio Art electives.

Rationale:

The Specialization in Scenography, embracing an expanded role of scene design both within and beyond the practices of live performing arts, is heading into its first year under this new program name. However, a number of courses still bear the old DFTT code. This set of changes is mainly introduced to harmonize all program courses with a SCEN code. Course codes will be changed from DFTT to SCEN, with some courses requiring the use of new numbers to avoid duplication of numbers used in the past. The change of number is administrative in nature and has no bearing on the content of the course. As well, in some cases, the term “Scenography” will replace the term “Design for Live Performance” and “Theatre” in a course title.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 209
Calendar Section Type: Course
Description of Change: DFTT 209 Design for Live Performance I
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 209 Design for Live Performance I~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Enrolment in a specialization of the Department of Theatre or written permission of the Department is required.~~	
Description :	*Description :*
~~An examination of the theatrical design process, including the role of designers. Students study the conception, communication, and realization of design ideas in lectures and labs.~~	
Component(s):	*Component(s):*
~~Lecture ; Laboratory~~	
Notes :	*Notes :*

Rationale:
administrative change to replace DFTT to SCEN

Resource Implications:
NONE

D8

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 210
Calendar Section Type: Course
Description of Change: DFTT 210 Design for Live Performance II
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 210 Design for Live Performance II~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following course must be completed previously: DFTT 209 . If prerequisites are not satisfied, permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~An advanced examination of the theatrical design process, including the role of designers. Students study the conception, communication, and realization of design ideas in lectures and labs. This course develops the students' skills in developing and communicating theatrical designs.~~	
Component(s):	*Component(s):*
~~Lecture ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes DFTT to SCEN

Resource Implications:
NONE

D9

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 211
Calendar Section Type: Course
Description of Change: DFTT 211 Drawing for the Theatre Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 211 Drawing for the Theatre~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Enrolment in the Specialization in Design for the Theatre is required. If prerequisites are not satisfied, written permission of the Department is required.~~	
Description :	*Description :*
~~Students study drawing and drafting techniques for the stage with emphasis on observation and rendering. They examine specific drawing methods to efficiently communicate design ideas. Focus is on basic drawing and drafting techniques using traditional and modern media.~~	
Component(s):	*Component(s):*
~~Studio~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for this topic under a DFTT 298 number may not take this course for credit.~~	**Equivalent Courses :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D10

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 212
Calendar Section Type: Course
Description of Change: DFTT 212 Introduction to Elements of Production Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 212 Introduction to Elements of Production~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: ACTT 209 or PERC 209 ; and DFTT 209 . If prerequisites are not satisfied, permission of the Program Coordinator is required.~~	
Description :	*Description :*
~~Students learn elements of stage management, production management and technical direction through hands-on practical work in the department's shops and theatre spaces. They develop technical skills in scenery, properties, and costumes, as well as lighting and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques used in rehearsal halls, shops, and backstage.~~	
Component(s):	*Component(s):*
Notes :	*Notes :*
Fee note : ~~Students enrolled in this course are required to pay a Theatre Lab Fee.~~	**Fee note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 298
Calendar Section Type: Course
Description of Change: DFTT 298 Special Topics in Design for the Theatre Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 298 Special Topics in Design for the Theatre~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~The study of specialized aspects of theatre design.~~	
Component(s):	*Component(s):*
~~Studio~~	
Notes :	*Notes :*
Other note : ~~Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.~~	**Other note :**

Rationale:
Administrative change from DFTT to SCEN

Resource Implications:
NONE

D12

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 299
Calendar Section Type: Course
Description of Change: DFTT 299 Special Topics in Design for the Theatre Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 299 Special Topics in Design for the Theatre~~ (~~6~~ credits)	
Prerequisites:	*Prerequisites:*
~~Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~The study of specialized aspects of theatre design.~~	
Component(s):	*Component(s):*
~~Studio~~	
Notes :	*Notes :*
Other note : ~~Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D13

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 301
Calendar Section Type: Course
Description of Change: DFTT 301 Introduction to Designer's Studio: Conception Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 301 Introduction to Designer's Studio: Conception~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students apply their design knowledge to special projects, which may include portfolio development or the design of Department of Theatre productions.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Allow this course to be taken more than one time for credit : ~~This course may be repeated for credit in this program, provided the subject matter is different each time.~~	**Allow this course to be taken more than one time for credit :**
Other note : ~~Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 305
Calendar Section Type: Course
Description of Change: DFTT 305 Independent Study I Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 305 Independent Study I~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~This course provides students with the opportunity to design and implement an independent project supervised by a full-time faculty member.~~	
Component(s):	*Component(s):*
~~Independent Study~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 311
Calendar Section Type: Course
Description of Change: DFTT 311 Lighting Design Conception
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 311 Lighting Design Conception~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study lighting design for the theatre with emphasis on imaginative and analytical processes of developing and communicating lighting design ideas. Students participate in lectures, studios, and projects, and examine theories, aesthetics, and conventions of lighting design.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D16

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 315
Calendar Section Type: Course
Description of Change: DFTT 315 Lighting Design Realization
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 315 Lighting Design Realization~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study lighting for the stage with emphasis on analysis, development, and execution of design ideas. Students participate in lectures and studios, and examine lighting as a practical, expressive, and interpretive form. Focus is on basic realization methods, for example hanging and focusing lighting equipment. Students have scheduled access to a theatre space.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 321
Calendar Section Type: Course
Description of Change: DFTT 321 Costume Design Conception
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 321 Costume Design Conception~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study costume design for the theatre with emphasis on imaginative and analytical processes of developing and communicating costume design ideas. Students participate in lectures, studios, and projects, and examine theories, aesthetics, and conventions of costume design.~~	
Component(s):	*Component(s):*
~~Studio~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 325
Calendar Section Type: Course
Description of Change: DFTT 325 Costume Design Realization
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 325 Costume Design Realization~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study costuming for the stage with emphasis on analysis, development, and execution of design ideas. Students participate in lectures and studios and examine costuming as a practical, expressive, and interpretive form. The focus is on basic realization methods, for example, patterning and draping. Students have scheduled access to a costume shop and dyeing facilities.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 326
Calendar Section Type: Course
Description of Change: DFTT 326 Costume Accessories Realization
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 326 Costume Accessories Realization~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study costume accessory design for the stage with emphasis on analysis, development, and execution of design ideas. Students participate in lectures and studios and examine costume accessory design as a practical, expressive and interpretive form. The focus is on basic realization methods, for example, mask making, millinery, and accessory construction. Students have scheduled access to a costume shop and dyeing facilities.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 331
Calendar Section Type: Course
Description of Change: DFTT 331 Set Design Conception Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 331 Set Design Conception~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study set design for the theatre with emphasis on imaginative and analytical processes of developing and communicating set design ideas. Students participate in lectures, studios, and projects to examine theories, aesthetics, and conventions of set design.~~	
Component(s):	*Component(s):*
~~Studio~~	
Notes :	*Notes :*

Rationale:
Administrative changes DFTT to SCEN

Resource Implications:
NONE

D21

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 335
Calendar Section Type: Course
Description of Change: DFTT 335 Set Design Realization Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 335 Set Design Realization~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study stage scenery with emphasis on analysis, development, and execution of design ideas. Students participate in lectures and studios to examine scenery as a practical, expressive, and interpretive form. Focus is on basic realization methods, for example, drafting and construction. Students have scheduled access to a scene shop.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 336
Calendar Section Type: Course
Description of Change: DFTT 336 Stage Properties Realization
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 336 Stage Properties Realization~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study stage properties with an emphasis on analysis, development, and execution of design ideas. They participate in lectures and studios, and examine stage properties as a practical, expressive, and interpretive form. The focus is on basic realization methods, for example, casting, assembling, and use of materials and equipment. Students have scheduled access to a property shop.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 337
Calendar Section Type: Course
Description of Change: DFTT 337 Scene Painting Realization Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 337 Scene Painting Realization~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~This studio course includes the study of the materials and technology of scene painting.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 341
Calendar Section Type: Course
Description of Change: DFTT 341 Elements of Multimedia Conception Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 341 Elements of Multimedia Conception~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study design with a variety of media, with an emphasis on imaginative and analytical processes. They participate in lectures and studios, and examine the theories, aesthetics, and conventions of multimedia design.~~	
Component(s):	*Component(s):*
~~Studio~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 345
Calendar Section Type: Course
Description of Change: DFTT 345 Elements of Multimedia Realization Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 345 Elements of Multimedia Realization~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 ; DFTT 210 . If prerequisites are not satisfied, written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students study elements of analog and digital media with an emphasis on the execution of design ideas. They participate in lectures and studios, and examine elements of multimedia as practical, expressive, and interpretive forms. The focus is on basic realization methods, for example, the installation of projection and sound equipment. Students have scheduled access to a theatre space.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D26

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 350
Calendar Section Type: Course
Description of Change: DFTT 350 Introduction to Public Performance Design Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT~~ ~~350~~ ~~Introduction to Public Performance Design~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: ACTT 209 or PERC 209 ; two of ACTT 210 , DFTT 210 , or PERC 210 ; DFTT 209 ; FFAR 250 ; PERC 211 ; PERC 212 . Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students learn to collaborate with directors, other designers, and technical staff to creatively realize set, costume, lighting, properties, video, and sound designs for live performance.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Other note : ~~Students enrolled in this course are required to pay a production fee.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 351
Calendar Section Type: Course
Description of Change: DFTT 351 Introduction to Public Performance Design Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 351 Introduction to Public Performance Design~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: ACTT 209 or PERC 209 ; two of ACTT 210 , DFTT 210 , or PERC 210 ; DFTT 209 ; FFAR 250 ; PERC 211 ; PERC 212 . Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students learn to collaborate with directors, other designers, and technical staff to creatively realize set, costume, lighting, properties, video, and sound designs for live performance.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Other note : ~~Students enrolled in this course are required to pay a production fee.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 370
Calendar Section Type: Course
Description of Change: DFTT 370 Elements of Production Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 370 Elements of Production~~ (~~6~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 212 ; and one of ACTT 210 , DFTT 210 , PERC 210 ; and FFAR 250 ; and PERC 211 , PERC 212 . Permission of the Program Coordinator is required.~~	
Description :	*Description :*
~~Students examine theories and practices of stage management, production management and technical direction and develop technical skills in scenery, properties, and costumes, as well as lighting, video and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques used in rehearsal halls, shops, and backstage.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Other note : ~~Students enrolled in this course are required to pay a Theatre Lab Fee.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 371
Calendar Section Type: Course
Description of Change: DFTT 371 Elements of Production Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 371 Elements of Production~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 212 ; and one of ACTT 210 , DFTT 210 , PERC 210 ; and FFAR 250 ; and PERC 211 , PERC 212 . Permission of the Program Coordinator is required.~~	
Description :	*Description :*
~~Students study theories and practices of stage management, production management, and technical direction. They develop technical skills in scenery, properties, and costumes, as well as lighting, video and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques used in rehearsal halls, shops, and backstage.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Other note : ~~Students enrolled in this course are required to pay a Theatre Lab Fee.~~	**Other note :**

Rationale:

Administrative changes from DFTT to SCEN.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 398
Calendar Section Type: Course
Description of Change: DFTT 398 Special Topics in Design for the Theatre: Realization Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 398 Special Topics in Design for the Theatre: Realization~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~The study of specialized aspects of theatre design realization.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Other note : ~~Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 399
Calendar Section Type: Course
Description of Change: DFTT 399 Special Topics in Design for the Theatre Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT~~ ~~399~~ ~~Special Topics in Design for the Theatre~~ (~~6~~ credits)	
Prerequisites:	*Prerequisites:*
~~Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~The study of specialized aspects of theatre design.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Other note : ~~Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D32

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 401
Calendar Section Type: Course
Description of Change: DFTT 401 Advanced Designer's Studio: Conception Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 401 Advanced Designer's Studio: Conception~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following course must be completed previously: DFTT 301 . Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students apply their design knowledge to special projects, which may include portfolio development or the design of Department of Theatre productions.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Allow this course to be taken more than one time for credit : ~~This course may be repeated for credit in this program, provided the subject matter is different each time.~~	**Allow this course to be taken more than one time for credit :**
Other note : ~~Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 405
Calendar Section Type: Course
Description of Change: DFTT 405 Independent Study II Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 405 Independent Study II~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following course must be completed previously: DFTT 305 . Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~This course provides students with the opportunity to design and implement an independent project, supervised by a full-time faculty member.~~	
Component(s):	*Component(s):*
~~Independent Study~~	
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 408
Calendar Section Type: Course
Description of Change: DFTT 408 Supervised Internship I Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 408 Supervised Internship I~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Students must have completed 24 credits in their degree program prior to enrolling. Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~This course provides students with the opportunity to obtain credit for work completed for a recognized theatre company, or a project under the joint supervision of a qualified professional and a full-time Theatre faculty member.~~	
Component(s):	*Component(s):*
~~Practicum/Internship/Work Term~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for PERC 408 or PROD 408 may not take this course for credit.~~	**Equivalent Courses :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:

NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 409
Calendar Section Type: Course
Description of Change: DFTT 409 Supervised Internship II Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 409 Supervised Internship II~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following course must be completed previously: DFTT 408 . Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~This course provides students with the opportunity to obtain credit for work completed for a recognized theatre company, or a project under the joint supervision of a qualified professional and a full-time Theatre faculty member.~~	
Component(s):	*Component(s):*
~~Practicum/Internship/Work Term~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for PERC 409 or PROD 409 may not take this course for credit.~~	**Equivalent Courses :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 450
Calendar Section Type: Course
Description of Change: DFTT 450 Advanced Public Performance Design Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 450 Advanced Public Performance Design~~ (~~6~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following course must be completed previously: DFTT 350 or DFTT 351 . Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students learn to collaborate with directors, other designers, and technical staff at an advanced level to creatively realize set, costume, lighting, properties, video, and sound designs for live performance.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for PROD 416 may not take this course for credit.~~	**Equivalent Courses :**
Fee note : ~~Students enrolled in this course are required to pay a production fee.~~	**Fee note :**
Other note : ~~This course may be repeated for credit in this program, provided the subject matter is different each time.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 451
Calendar Section Type: Course
Description of Change: DFTT 451 Advanced Public Performance Design Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 451 Advanced Public Performance Design~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following course must be completed previously: DFTT 350 or DFTT 351 . Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~Students learn to collaborate with directors, other designers, and technical staff at an advanced level to creatively realize set, costume, lighting, properties, video, and sound designs for live performance.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Fee note : ~~Students enrolled in this course are required to pay a production fee.~~	**Fee note :**
Other note : ~~This course may be repeated for credit in this program, provided the subject matter is different each time.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 470
Calendar Section Type: Course
Description of Change: DFTT 470 Advanced Elements of Production
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 470 Advanced Elements of Production~~ (~~6~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 370 or DFTT 371 . Permission of the Program Coordinator is required.~~	
Description :	*Description :*
~~Students study advanced theories and practices of stage management, production management, and technical direction. They develop technical skills in scenery, properties, and costumes, as well as in lighting, video and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques in rehearsal halls, shops, and backstage.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Allow this course to be taken more than one time for credit : ~~This course may be repeated for credit in this program, provided the production assignment is different each time.~~	**Allow this course to be taken more than one time for credit :**
Fee note : ~~Students enrolled in this course are required to pay a Theatre Lab Fee.~~	**Fee note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 471
Calendar Section Type: Course
Description of Change: DFTT 471 Advanced Elements of Production
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 471 Advanced Elements of Production~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 370 or DFTT 371 . Permission of the Program Coordinator is required.~~	
Description :	*Description :*
~~Students study advanced theories and practices of stage management, production management, and technical direction. They develop technical skills in scenery, properties, and costumes, as well as in lighting, video, and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques in rehearsal halls, shops, and backstage.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Fee note : ~~Students enrolled in this course are required to pay a Theatre Lab Fee.~~	**Fee note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 498
Calendar Section Type: Course
Description of Change: DFTT 498 Special Topics in Design for the Theatre: Conception Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 498 Special Topics in Design for the Theatre: Conception~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~The study of specialized aspects of theatre design conception.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Other note : ~~Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D41

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: DFTT 499
Calendar Section Type: Course
Description of Change: DFTT 499 Special Topics in Design for the Theatre Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Design for the Theatre Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~DFTT 499 Special Topics in Design for the Theatre~~ (~~6~~ credits)	
Prerequisites:	*Prerequisites:*
~~Written permission of the Department of Theatre is required.~~	
Description :	*Description :*
~~The study of specialized aspects of theatre design.~~	
Component(s):	*Component(s):*
~~Studio ; Laboratory~~	
Notes :	*Notes :*
Other note : ~~Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.~~	**Other note :**

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D42

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: PERC 384
Calendar Section Type: Course
Description of Change: PERC 384 Performance Creation Studio II: Collaborative Practice Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Performance Creation Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
PERC 384 Performance Creation Studio II: Collaborative Practice (3 credits)	PERC 384 Performance Creation Studio II: Collaborative Practice (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ACTT 210 ~~or DFTT~~ 210 or ~~PERC~~ 210 ~~.~~If prerequisites are not satisfied, permission of the Program Coordinator is required.	The following courses must be completed previously: ACTT 210 , PERC 210 or SCEN 210 or DFTT 210. If prerequisites are not satisfied, permission of the Program Coordinator is required.
Description :	*Description :*
This course focuses on making collaborative performance works. Students generate and rehearse original material inspired by current events to be performed before a small audience in a studio setting.	This course focuses on making collaborative performance works. Students generate and rehearse original material inspired by current events to be performed before a small audience in a studio setting.
Component(s):	*Component(s):*
Studio ; Laboratory	Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses : Student who have received credit for TDEV 314 or for this topic under a TDEV 398 number may not take this course for credit.	**Equivalent Courses :** Student who have received credit for TDEV 314 or for this topic under a TDEV 398 number may not take this course for credit.
Fee note : Students enrolled in this course are required to pay a Theatre Lab fee.	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab fee.
Other note : Students may be required to be present for additional hours related to technical and/or dress rehearsals as stipulated in the course syllabus.	**Other note :** Students may be required to be present for additional hours related to technical and/or dress rehearsals as stipulated in the course syllabus.

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: PERC 408
Calendar Section Type: Course
Description of Change: PERC 408 Supervised Internship I Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Performance Creation Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
PERC 408 Supervised Internship I (3 credits)	PERC 408 Supervised Internship I (3 credits)
Prerequisites:	*Prerequisites:*
Students must have completed 24 credits in a specialization program of the Department of Theatre prior to enrolling. ~~Written permission~~ of the Department of Theatre is required.	Students must have completed 24 credits in a specialization program of the Department of Theatre prior to enrolling. Permission of the Department of Theatre is required.
Description :	*Description :*
This course provides students with the opportunity to obtain credit for work completed for a recognized theatre company, or for a project under the joint supervision of a qualified professional and a full-time Theatre faculty member.	This course provides students with the opportunity to obtain credit for work completed for a recognized theatre company, or for a project under the joint supervision of a qualified professional and a full-time Theatre faculty member.
Component(s):	*Component(s):*
Practicum/Internship/Work Term	Practicum/Internship/Work Term
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for DFTT 408 or PROD 408 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for SCEN 408 or DFTT 408 or PROD 408 may not take this course for credit.

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D45

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: PERC 409
Calendar Section Type: Course
Description of Change: PERC 409 Supervised Internship II Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Performance Creation Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
PERC 409 Supervised Internship II (3 credits)	PERC 409 Supervised Internship II (3 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: PERC 408 . ~~Written permission~~ of the Department of Theatre is required.	The following course must be completed previously: PERC 408 . Permission of the Department of Theatre is required.
Description :	*Description :*
This course provides students with the opportunity to obtain credit for work completed for a recognized theatre company, or for a project under the joint supervision of a qualified professional and a full-time Theatre faculty member.	This course provides students with the opportunity to obtain credit for work completed for a recognized theatre company, or for a project under the joint supervision of a qualified professional and a full-time Theatre faculty member.
Component(s):	*Component(s):*
Practicum/Internship/Work Term	Practicum/Internship/Work Term
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for DFTT 409 or PROD 409 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for SCEN 409 or DFTT 409 or PROD 409 may not take this course for credit.

Rationale:
Administrative changes from DFTT to SCEN

Resource Implications:
NONE

D46

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 209
Calendar Section Type: Course
Description of Change: SCEN 209 Scenography I New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 209 Scenography I (3 credits)
Prerequisites:	*Prerequisites:* Enrolment in a specialization of the Department of Theatre or permission of the Department is required.
Description :	*Description :* This course offers an examination of the scenographic design process, including the role of designers. Students study the conception, communication, and realization of design ideas in lectures and labs.
Component(s):	*Component(s):* Lecture ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 209 number may not take this course for credit.

Rationale:
Administrative change from DFTT to SCEN. The term "Scenography" is replacing the title "Design for Live Performance" in the course title, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance. The course is introductory and is required in the student's first term in the program.

Resource Implications:
None

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 210
Calendar Section Type: Course
Description of Change: SCEN 210 Scenography II New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 210 Scenography II (3 credits)
Prerequisites:	*Prerequisites:* The following course must be completed previously: SCEN 209 or DFTT 209. If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* This course offers an advanced examination of the scenographic design process, including the role of designers. Students study the conception, communication, and realization of design ideas in lectures and labs. This course develops the students' skills in developing and communicating scenographic designs.
Component(s):	*Component(s):* Lecture ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 210 number may not take this course for credit.

Rationale:
Administrative change from DFTT to SCEN. The term "Scenography" is replacing the title "Design for Live Performance" in the course title, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance. The course is introductory and is required in the student's second term in the program, which is a continuation of SCEN 209.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 214
Calendar Section Type: Course
Description of Change: SCEN 214 Drawing for Scenography New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 214 Drawing for Scenography (3 credits)
Prerequisites:	*Prerequisites:* Enrolment in the Specialization in Scenography is required. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :* Students study drawing and drafting techniques for the stage with emphasis on observation and rendering. They examine specific drawing methods to efficiently communicate design ideas. The focus is on basic drawing and drafting techniques using traditional and modern media.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 298 or DFTT 211 number may not take this course for credit.

Rationale:
Administrative change from DFTT to SCEN. The term "Scenography" is replacing the title "Drawing for the Theatre" in the course name, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance. The course is introductory and is required in the student's first term in the program. The course code and number need to change since SCEN 211 was used in the past.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 271
Calendar Section Type: Course
Description of Change: SCEN 271 Introduction to Elements of Production New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 271 Introduction to Elements of Production (3 credits)
Prerequisites:	*Prerequisites:* Enrolment in one of the Department of Theatre specializations. If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* S tudents are introduced to theories and practices of stage management, production management, and technical direction. They develop technical skills in scenery, properties, and costumes, as well as lighting, video and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques used in rehearsal halls, shops, and backstage.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 212 or DFTT 298 number may not take this course for credit.
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. The catalogue number needs to change since SCEN 212 was used in the past.

Removing prerequisites for ACTT 209 or PERC 209, because SCEN 271 (previously DFTT 212) is a suggested first year Performance Creation course, and students had been unable to register with it being tagged with prerequisites. Removal of prerequisites will allow students in that program to take the course.

Resource Implications:

NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 298
Calendar Section Type: Course
Description of Change: SCEN 298 Special Topics in Scenography
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 298 Special Topics in Scenography (3 credits)
Prerequisites:	*Prerequisites:* Permission of the Department of Theatre is required.
Description :	*Description :* Specialized aspects of scenography design are studied in this course.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Other note :	**Other note :** Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.

Rationale:
Administrative changes from DFTT to SCEN. The term "Scenography" is replacing the title "Special Topics in Design for the Theatre" in the course title, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 299
Calendar Section Type: Course
Description of Change: SCEN 299 Special Topics in Scenography
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 299 Special Topics in Scenography (6 credits)
Prerequisites:	*Prerequisites:*
	Permission of the Department of Theatre is required.
Description :	*Description :*
	Specialized aspects of scenography design are studied in this course.
Component(s):	*Component(s):*
	Studio
Notes :	*Notes :*
Other note :	**Other note :** Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.

Rationale:
Administrative changes from DFTT to SCEN. The term "Scenography" is replacing the title "Special Topics in Design for the Theatre" in the course title, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 304
Calendar Section Type: Course
Description of Change: SCEN 304 Introduction to Designer's Studio: Conception New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 304 Introduction to Designer's Studio: Conception (3 credits)
Prerequisites:	*Prerequisites:* Permission of the Department of Theatre is required.
Description :	*Description :* Students apply their design knowledge to special projects, which may include portfolio development or the design of Department of Theatre productions.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Other note :	**Other note :** Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. The catalogue number needs to change since SCEN 311 was used in the past.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 305
Calendar Section Type: Course
Description of Change: SCEN 305 Independent Study I New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 305 Independent Study I (3 credits)
Prerequisites:	*Prerequisites:* Permission of the Department of Theatre is required.
Description :	*Description :* This course provides students with the opportunity to design and implement an independent project supervised by a full-time faculty member.
Component(s):	*Component(s):* Independent Study
Notes :	*Notes :*

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 314
Calendar Section Type: Course
Description of Change: SCEN 314 Lighting Design Conception New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 314 Lighting Design Conception (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study lighting design for the performing arts with emphasis on imaginative and analytical processes of developing and communicating lighting design ideas. Students participate in lectures, studios, and projects, and examine theories, aesthetics, and conventions of lighting design.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 311 number may not take this course for credit.

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. The catalogue number needs to change since SCEN 311 was used in the past.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 315
Calendar Section Type: Course
Description of Change: SCEN 315 Lighting Design Realization New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 315 Lighting Design Realization (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298. If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study lighting for the performing arts with emphasis on analysis, development, and execution of design ideas. Students will participate in lectures and studios, and examine lighting as a practical, expressive, and interpretive form. The focus is on basic realization methods, for example hanging and focusing lighting equipment. Students have scheduled access to a theatre space for the duration of this course.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 315 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 324
Calendar Section Type: Course
Description of Change: SCEN 324 Costume Design Conception New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 324 Costume Design Conception (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study costume design for the performing arts with emphasis on imaginative and analytical processes of developing and communicating costume design ideas. Students participate in lectures, studios, and projects, and examine theories, aesthetics, and conventions of costume design.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 321 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. The catalogue number needs to change since SCEN 321 was used in the past.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 325
Calendar Section Type: Course
Description of Change: SCEN 325 Costume Design Realization New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 325 Costume Design Realization (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298. If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study costuming for the performing arts with emphasis on analysis, development, and execution of design ideas. Students participate in lectures and studios and examine costuming as a practical, expressive, and interpretive form. The focus is on basic realization methods, for example, patterning and draping. Students have scheduled access to a costume shop and dyeing facilities.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 325 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 326
Calendar Section Type: Course
Description of Change: SCEN 326 Costume Accessories Realization
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 326 Costume Accessories Realization (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study costume accessory design for the performing arts with emphasis on analysis, development, and execution of design ideas. Students participate in lectures and studios and examine costume accessory design as a practical, expressive and interpretive form. The focus is on basic realization methods, for example, mask-making, millinery, and accessory construction. Students have scheduled access to a costume shop and dyeing facilities.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 326 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 327
Calendar Section Type: Course
Description of Change: SCEN 327 Hair and Make-up Design Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 09 Jan 2023
Effective/Push to SIS date: 09 Jan 2023
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SCEN 327 Hair and Make-up Design (3 credits)	SCEN 327 Hair and Make-up Design (3 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: DFTT 209 ~~.~~ If prerequisites are not satisfied, permission of the Program Coordinator is required.	The following course must be completed previously: DFTT 209 or SCEN 209 If prerequisites are not satisfied, permission of the Program Coordinator is required.
Description :	*Description :*
Students study hair and make-up design for the performing arts with emphasis on analysis, development and execution of design ideas. Students participate in lectures and studios and examine hair and make-up as a practical, expressive and interpretive form. The focus is on basic theory and practice of conception, communication, and realization methods, including contouring, basic make-up application, and several of the following: scarring, burning, aging, fantasy, period, special effects. Students have scheduled access to a costume shop for lab work.	Students study hair and make-up design for the performing arts with emphasis on analysis, development and execution of design ideas. Students participate in lectures and studios and examine hair and make-up as a practical, expressive and interpretive form. The focus is on basic theory and practice of conception, communication, and realization methods, including contouring, basic make-up application, and several of the following: scarring, burning, aging, fantasy, period, special effects. Students have scheduled access to a costume shop for lab work.
Component(s):	*Component(s):*
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for this topic under a DFTT Special Topic number may not take this course for credit.	**Equivalent Courses :** Students who have received credit for this topic under a DFTT Special Topic number may not take this course for credit.

Rationale:
Adding SCEN 209 as a prerequisite to reflect the code changes from DFTT to SCEN.

Resource Implications:

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 334
Calendar Section Type: Course
Description of Change: SCEN 334 Set Design Conception New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 334 Set Design Conception (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study set design for the theatre with emphasis on imaginative and analytical processes of developing and communicating set design ideas. Students participate in lectures, studios, and projects to examine theories, aesthetics, and conventions of set design.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 331 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. For harmonizing purposes, this catalogue number was changed as it follows more logically the 300-level catalogue numbers.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 335
Calendar Section Type: Course
Description of Change: SCEN 335 Set Design Realization New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 335 Set Design Realization (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study stage scenery with emphasis on analysis, development, and execution of design ideas. Students participate in lectures and studios to examine scenery as a practical, expressive, and interpretive form. Focus is on basic realization methods, for example, drafting and construction. Students have scheduled access to a scene shop.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 335 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 336
Calendar Section Type: Course
Description of Change: SCEN 336 Stage Properties Realization New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 336 Stage Properties Realization (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study stage properties with an emphasis on analysis, development, and execution of design ideas. They participate in lectures and studios, and examine stage properties as a practical, expressive, and interpretive form. The focus is on basic realization methods, for example, casting, assembling, and use of materials and equipment. Students have scheduled access to a property shop.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 336 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 337
Calendar Section Type: Course
Description of Change: SCEN 337 Scene Painting Realization New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 337 Scene Painting Realization (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* This studio course includes the study of the materials and technology of scene painting.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 337 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 344
Calendar Section Type: Course
Description of Change: SCEN 344 Elements of Multimedia Conception New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 344 Elements of Multimedia Conception (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study design with a variety of media, with an emphasis on imaginative and analytical processes. They participate in lectures and studios, and examine the theories, aesthetics, and conventions of multimedia design.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 341 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. For harmonizing purposes, this catalogue number was changed as it follows more logically the 300-level catalogue numbers.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 345
Calendar Section Type: Course
Description of Change: SCEN 345 Elements of Multimedia Realization New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 345 Elements of Multimedia Realization (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study elements of analog and digital media with an emphasis on the execution of design ideas. They participate in lectures and studios, and examine elements of multimedia as practical, expressive, and interpretive forms. The focus is on basic realization methods, for example, the installation of projection and sound equipment. Students have scheduled access to a theatre space.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 345 number may not take this course for credit.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 347
Calendar Section Type: Course
Description of Change: SCEN 347 Exhibition Scenography Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SCEN 347 Exhibition Scenography (3 credits)	SCEN 347 Exhibition Scenography (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: DFTT 209 , DFTT 210 and DFTT 211 . If prerequisites are not satisfied, permission of the Program Coordinator is required.	The following courses must be completed previously: DFTT 209 or SCEN 209 , DFTT 210 or SCEN 210 and DFTT 211 or SCEN 214 . If prerequisites are not satisfied, permission of the Program Coordinator is required.
Description :	*Description :*
This studio course introduces exhibition scenography as a practical, expressive, and interpretive form. Students participate in lectures and studio work, with a focus on developing designs for exhibition hall and museum presentations. The course emphasizes communicating concepts using storyboarding, rendering, drafting and construction methods centered on the integration of artefacts, graphics, soundscapes, and live imagery.	This studio course introduces exhibition scenography as a practical, expressive, and interpretive form. Students participate in lectures and studio work, with a focus on developing designs for exhibition hall and museum presentations. The course emphasizes communicating concepts using storyboarding, rendering, drafting and construction methods centered on the integration of artefacts, graphics, soundscapes, and live imagery.
Component(s):	*Component(s):*
Studio	Studio
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for this topic under a DFTT Special Topic number may not take this course for credit.	**Equivalent Courses :** Students who have received credit for this topic under a DFTT Special Topic number may not take this course for credit.

Rationale:
Adding SCEN 209, SCEN 210, & SCEN 214 as prerequisites to reflect the code changes from DFTT to SCEN.

Resource Implications:

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 360
Calendar Section Type: Course
Description of Change: SCEN 360 Introduction to Public Performance Design New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 360 Introduction to Public Performance Design (6 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: ACTT 209 or PERC 209 ; SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 ; FFAR 250 ; PERC 211 and PERC 212 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students learn to collaborate with directors, other designers, and technical staff to creatively realize set, costume, lighting, properties, video, and sound designs for live performance. Students apply their design knowledge to special projects, which may include portfolio development, an invaluable skill for all live performance creators.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for DFTT 350 may not take this course for credit.
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. The catalogue number needs to change since SCEN 350 was used in the past.

Rectifying a mistake in the Undergraduate Calendar. SCEN 360 (previously DFTT 350) is a 6-credit course, appearing in the 2020-21 Undergraduate Calendar as such, and is duly set up that way in SIS.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Addition of special projects such as portfolio development to this course within the Scenography program which will allow for it to be an alternative to a Scenography independent study course.

Resource Implications:

NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 361
Calendar Section Type: Course
Description of Change: SCEN 361 Introduction to Public Performance Design New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 361 Introduction to Public Performance Design (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: ACTT 209 or PERC 209 ; FFAR 250 ; PERC 211 and PERC 212 ; SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students learn to collaborate with directors, other designers, and technical staff to creatively realize set, costume, lighting, properties, video, and sound designs for live performance. Students apply their design knowledge to special projects, which may include portfolio development, an invaluable skill for all live performance creators.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. The catalogue number needs to change since SCEN 351 was used in the past.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Addition of special projects such as portfolio development to this course within the Scenography program which will allow for it to be an alternative to a Scenography independent study course.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 370
Calendar Section Type: Course
Description of Change: SCEN 370 Elements of Production New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 370 Elements of Production (6 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: ACTT 209 or PERC 209 ; FFAR 250 ; PERC 211 and PERC 212 ; SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study theories and practices of stage management, production management and technical direction. They develop technical skills in scenery, properties, and costumes, as well as lighting, video and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques used in rehearsal halls, shops, and backstage.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 371
Calendar Section Type: Course
Description of Change: SCEN 371 Elements of Production New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 371 Elements of Production (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: ACTT 209 or PERC 209 ; FFAR 250 ; PERC 211 and PERC 212 ; SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211 , and SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the Department of Theatre is required.
Description :	*Description :* Students study theories and practices of stage management, production management, and technical direction. They develop technical skills in scenery, properties, and costumes, as well as lighting , video and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques used in rehearsal halls, shops, and backstage.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for DFTT 371 may not take this course for credit.
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Adding SCEN 214 (previously DFTT 211) and SCEN 271 (previously DFTT 212, previously DFTT 298) to the prerequisites as these are core courses for first year BFA Specialization in Scenography students.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 398
Calendar Section Type: Course
Description of Change: SCEN 398 Special Topics in Scenography
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 398 Special Topics in Scenography (3 credits)
Prerequisites:	*Prerequisites:*
	Permission of the Department of Theatre is required.
Description :	*Description :*
	The study of specialized aspects of scenography .
Component(s):	*Component(s):*
	Studio ; Laboratory
Notes :	*Notes :*
Other note :	**Other note :** Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.

Rationale:
Administrative changes from DFTT to SCEN. The term "Scenography" is replacing the title "Special Topics in Design for the Theatre" in the course title, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 399
Calendar Section Type: Course
Description of Change: SCEN 399 Special Topics in Scenography
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 399 Special Topics in Scenography (6 credits)
Prerequisites:	*Prerequisites:*
	Permission of the Department of Theatre is required.
Description :	*Description :*
	The study of specialized aspects of scenography.
Component(s):	*Component(s):*
	Studio ; Laboratory
Notes :	*Notes :*
Other note :	**Other note :** Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.

Rationale:
Administrative changes from DFTT to SCEN. The term "Scenography" is replacing the title "Special Topics in Design for the Theatre" in the course title, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 404
Calendar Section Type: Course
Description of Change: SCEN 404 Advanced Designer's Studio: Conception New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 404 Advanced Designer's Studio: Conception (3 credits)
Prerequisites:	*Prerequisites:* The following course must be completed previously: SCEN 304 or DFTT 301, and permission of the Department of Theatre is required.
Description :	*Description :* Students apply their design knowledge to special projects, which may include portfolio development or the design of Department of Theatre productions.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for DFTT 401 may not take this course for credit.
Allow this course to be taken more than one time for credit :	**Allow this course to be taken more than one time for credit :** This course may be repeated for credit in this program, provided the subject matter is different each time.
Other note :	**Other note :** Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. The catalogue number needs to change for continuity purposes.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 405
Calendar Section Type: Course
Description of Change: SCEN 405 Independent Study II New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 405 Independent Study II (3 credits)
Prerequisites:	*Prerequisites:* The following course must be completed previously: SCEN 305 or DFTT 305, and permission of the Department of Theatre is required.
Description :	*Description :* This course provides students with the opportunity to design and implement an independent project, supervised by a full-time faculty member.
Component(s):	*Component(s):* Independent Study
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a DFTT 405 number may not take this course for credit.

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Resource Implications:
NONE

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COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 408
Calendar Section Type: Course
Description of Change: SCEN 408 Supervised Internship I New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 408 Supervised Internship I (3 credits)
Prerequisites:	*Prerequisites:* Students must have completed 24 credits in their degree program prior to enrolling. Permission of the Department of Theatre is required.
Description :	*Description :* This course provides students with the opportunity to obtain credit for work completed for a recognized theatre company, or a project under the joint supervision of a qualified professional and a full-time Theatre faculty member.
Component(s):	*Component(s):* Practicum/Internship/Work Term
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for PERC 408 , PROD 408, or DFTT 408 may not take this course for credit.

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 409
Calendar Section Type: Course
Description of Change: SCEN 409 Supervised Internship II New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 409 Supervised Internship II (3 credits)
Prerequisites:	*Prerequisites:* The following course must be completed previously: SCEN 408 or DFTT 408. Permission of the Department of Theatre is required.
Description :	*Description :* This course provides students with the opportunity to obtain credit for work completed for a recognized theatre company, or a project under the joint supervision of a qualified professional and a full-time Theatre faculty member.
Component(s):	*Component(s):* Practicum/Internship/Work Term
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for PERC 409 , PROD 409, or DFTT 409 may not take this course for credit.

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 412
Calendar Section Type: Course
Description of Change: SCEN 412 Art Direction Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 05 Sep 2023
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~SCEN 412 Art Direction~~ (~~3~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: DFTT 209 , DFTT 210 , DFTT 211 , DFTT 212 , and DFTT 335 . If prerequisites are not satisfied, permission of the Program Coordinator is required.~~	
Description :	*Description :*
~~This studio course examines art direction for film, television, music video, documentaries, etc. with emphasis on the analysis, development, and execution of design ideas involving sets, costumes, properties and special effects. Students will focus on basic design processes and communication methods using storyboarding, rendering, drafting and construction. Class projects begin with script analysis building to research and elaboration of a final production design. Students may choose to execute the filming and editing or to keep their projects at the storyboard stage.~~	
Component(s):	*Component(s):*
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for this topic under a DFTT Special Topic number may not take this course for credit.~~	**Equivalent Courses :**

Rationale:
SCEN 412 has previously been used. Creating SCEN 413 for this course instead.

Resource Implications:

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 413
Calendar Section Type: Course
Description of Change: SCEN 413 Art Direction New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 05 Sep 2023
Implementation/Start date: 01 Jan 0001

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 413 Art Direction (3 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 209 or DFTT 209, SCEN 210 or DFTT 210, SCEN 214 or DFTT 211, SCEN 271 or DFTT 212 or DFTT 298 . If prerequisites are not satisfied, permission of the department is required.
Description :	*Description :* This studio course examines art direction for film, television, music video, documentaries, etc. with emphasis on the analysis, development, and execution of design ideas involving sets, costumes, properties, and special effects. Students will focus on basic design processes and communication methods using storyboarding, rendering, drafting, and construction. Class projects begin with script analysis building to research and elaboration of a final production design. Students may choose to execute the filming and editing or to keep their projects at the storyboard stage.
Component(s):	*Component(s):* Studio
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for this topic under a SCEN or DFTT Special Topic may not take this course for credit.

Rationale:
As SCEN 412 had been used previously, the catalogue number is being changed to SCEN 413. Removing SCEN 335 (previously DFTT 335) from the prerequisites, as the technical aspects are covered in the other prerequisites mentioned.

Resource Implications:

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 460
Calendar Section Type: Course
Description of Change: SCEN 460 Advanced Public Performance Design New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 460 Advanced Public Performance Design (6 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 360 or DFTT 350, or SCEN 361 or DFTT 351 ; and permission of the Department of Theatre is required.
Description :	*Description :* Students learn to collaborate with directors, other designers, and technical staff at an advanced level to creatively realize set, costume, lighting, properties, video, and sound designs for live performance. Students apply their design knowledge to special projects, which may include portfolio development, an invaluable skill for all live performance creators.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for PROD 416 or DFTT 450 may not take this course for credit.
Allow this course to be taken more than one time for credit :	**Allow this course to be taken more than one time for credit :** This course may be repeated for credit in this program, provided the subject matter is different each time.
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. For harmonizing purposes, this catalogue number was changed as it follows more logically the 300-level catalogue numbers.

Addition of special projects such as portfolio development to this course within the Scenography program which will allow for it to be an alternative to a Scenography independent study course.

Resource Implications:

NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 461
Calendar Section Type: Course
Description of Change: SCEN 461 Advanced Public Performance Design New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 461 Advanced Public Performance Design (3 credits)
Prerequisites:	*Prerequisites:*
	The following courses must be completed previously: SCEN 360 or DFTT 350, or SCEN 361 or DFTT 351 ; and permission of the Department of Theatre is required.
Description :	*Description :*
	Students learn to collaborate with directors, other designers, and technical staff at an advanced level to creatively realize set, costume, lighting, properties, video, and sound designs for live performance. Students apply their design knowledge to special projects, which may include portfolio development, an invaluable skill for all live performance creators.
Component(s):	*Component(s):*
	Studio ; Laboratory
Notes :	*Notes :*
Allow this course to be taken more than one time for credit :	**Allow this course to be taken more than one time for credit :** This course may be repeated for credit in this program, provided the subject matter is different each time.
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:

Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”. For harmonizing purposes, this catalogue number was changed as it follows more logically the 300-level catalogue numbers.

Addition of special projects such as portfolio development to this course within the Scenography program which will allow for it to be an alternative to a Scenography independent study course.

Resource Implications:
NONE

D91

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 470
Calendar Section Type: Course
Description of Change: SCEN 470 Advanced Elements of Production
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 470 Advanced Elements of Production (6 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: SCEN 370 or DFTT 370, or SCEN 371 or DFTT 371; and permission of the Department of Theatre is required.
Description :	*Description :* Students study advanced theories and practices of stage management, production management, and technical direction. They develop technical skills in scenery, properties, and costumes, as well as in lighting , video and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques in rehearsal halls, shops, and backstage.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for DFTT 470 may not take this course for credit.
Allow this course to be taken more than one time for credit :	**Allow this course to be taken more than one time for credit :** This course may be repeated for credit in this program, provided the subject matter is different each time.
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Resource Implications:
NONE

D93

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 471
Calendar Section Type: Course
Description of Change: SCEN 471 Advanced Elements of Production
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 471 Advanced Elements of Production (3 credits)
Prerequisites:	*Prerequisites:*
	The following courses must be completed previously: SCEN 370 or DFTT 370, or SCEN 371 or DFTT 371; and permission of the Department of Theatre is required.
Description :	*Description :*
	Students study advanced theories and practices of stage management, production management, and technical direction. They develop technical skills in scenery, properties, and costumes, as well as in lighting , video and sound. By completing specific assignments related to department public performances, students are introduced to the language, tools, and techniques in rehearsal halls, shops, and backstage.
Component(s):	*Component(s):*
	Studio ; Laboratory
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for DFTT 471 may not take this course for credit.
Allow this course to be taken more than one time for credit :	**Allow this course to be taken more than one time for credit :** This course may be repeated for credit in this program, provided the subject matter is different each time.
Fee note :	**Fee note :** Students enrolled in this course are required to pay a Theatre Lab Fee.

Rationale:
Administrative changes from DFTT to SCEN in accordance with the program name change from “Design for the Theatre” to “Scenography”.

Resource Implications:
NONE

D95

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 498
Calendar Section Type: Course
Description of Change: SCEN 498 Special Topics in Scenography
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 498 Special Topics in Scenography (3 credits)
Prerequisites:	*Prerequisites:* Permission of the Department of Theatre is required.
Description :	*Description :* This course focuses on the study of specialized aspects of scenography design conception.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Other note :	**Other note :** Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.

Rationale:
Administrative changes from DFTT to SCEN. The term "Scenography" is replacing the title "Special Topics in Design for the Theatre" in the course title, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance.

Resource Implications:
NONE

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change DFTT to SCEN

Calendar Section Name: SCEN 499
Calendar Section Type: Course
Description of Change: SCEN 499 Special Topics in Scenography
New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Theatre

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 05 Sep 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.120 Department of Theatre > Theatre Courses > Scenography Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	SCEN 499 Special Topics in Scenography (6 credits)
Prerequisites:	*Prerequisites:* Permission of the Department of Theatre is required.
Description :	*Description :* This course focuses on the study of specialized aspects of scenography design conception.
Component(s):	*Component(s):* Studio ; Laboratory
Notes :	*Notes :*
Other note :	**Other note :** Specific topics, and additional prerequisites if required, are stated in the Undergraduate Class Schedule.

Rationale:
Administrative changes from DFTT to SCEN. The term "Scenography" is replacing the title "Special Topics in Design for the Theatre" in the course title, in accordance with the change in program name and the focus on broader field of scenography and its applications to fields beyond and including live performance.

Resource Implications:
NONE

Impact Report

Programs

Specialization in Acting for the Theatre
Source of Impact

- DFTT 209
- PERC 384

Specialization in Performance Creation
Source of Impact

- DFTT 209
- DFTT 212
- PERC 384
- PERC 408

Specialization in Scenography
Source of Impact

- DFTT 209
- DFTT 210
- DFTT 211
- DFTT 212
- DFTT 301
- DFTT 305
- DFTT 311
- DFTT 315
- DFTT 321
- DFTT 325
- DFTT 326
- DFTT 331
- DFTT 335
- DFTT 336
- DFTT 337
- DFTT 341
- DFTT 345
- DFTT 398
- DFTT 401
- DFTT 405
- DFTT 498
- SCEN 412
- SCEN 327
- SCEN 347

Courses

DFTT 210
Source of Impact

- DFTT 209

DFTT 212
Source of Impact

- DFTT 209

DFTT 311
Source of Impact

- DFTT 209
- DFTT 210

DFTT 315
Source of Impact

- DFTT 209
- DFTT 210

DFTT 321
Source of Impact

- DFTT 209
- DFTT 210

DFTT 325
Source of Impact

- DFTT 209
- DFTT 210

DFTT 326
Source of Impact

- DFTT 209
- DFTT 210

DFTT 331
Source of Impact

- DFTT 209
- DFTT 210

DFTT 335
Source of Impact

- DFTT 209
- DFTT 210

DFTT 336
Source of Impact

- DFTT 209
- DFTT 210

DFTT 337
Source of Impact

- DFTT 209
- DFTT 210

DFTT 341

Source of Impact

- DFTT 209
- DFTT 210

DFTT 345
Source of Impact

- DFTT 209
- DFTT 210

DFTT 350
Source of Impact

- DFTT 209
- DFTT 210

DFTT 351
Source of Impact

- DFTT 209
- DFTT 210

DFTT 370
Source of Impact

- DFTT 210
- DFTT 212

DFTT 371
Source of Impact

- DFTT 210
- DFTT 212

DFTT 401
Source of Impact

- DFTT 301

DFTT 405
Source of Impact

- DFTT 305

DFTT 408
Source of Impact

- PERC 408

DFTT 409
Source of Impact

- DFTT 408
- PERC 409

DFTT 450
Source of Impact

- DFTT 350
- DFTT 351

DFTT 451
Source of Impact

- DFTT 350
- DFTT 351

DFTT 470
Source of Impact

- DFTT 370
- DFTT 371

DFTT 471
Source of Impact

- DFTT 370
- DFTT 371

PERC 384
Source of Impact

- DFTT 210

PERC 408
Source of Impact

- DFTT 408

PERC 409
Source of Impact

- DFTT 409
- PERC 408

SCEN 412
Source of Impact

- DFTT 209
- DFTT 210
- DFTT 211
- DFTT 212
- DFTT 335

SCEN 209 Scenography I New
Source of Impact

SCEN 210 Scenography II New
Source of Impact

SCEN 214 Drawing for Scenography New
Source of Impact

SCEN 271 Introduction to Elements of Production New
Source of Impact

SCEN 304 Introduction to Designer's Studio: Conception New
Source of Impact

SCEN 305 Independent Study I New
Source of Impact

SCEN 314 Lighting Design Conception New
Source of Impact

SCEN 315 Lighting Design Realization New
Source of Impact

SCEN 324 Costume Design Conception New
Source of Impact

SCEN 325 Costume Design Realization New
Source of Impact

SCEN 326 Costume Accessories Realization New
Source of Impact

SCEN 327
Source of Impact

- DFTT 209

SCEN 334 Set Design Conception New
Source of Impact

SCEN 335 Set Design Realization New
Source of Impact

SCEN 336 Stage Properties Realization New
Source of Impact

SCEN 337 Scene Painting Realization New
Source of Impact

SCEN 344 Elements of Multimedia Conception New
Source of Impact

SCEN 345 Elements of Multimedia Realization New
Source of Impact

SCEN 347
Source of Impact

- DFTT 209
- DFTT 210
- DFTT 211

SCEN 360 Introduction to Public Performance Design New
Source of Impact

- DFTT 350

SCEN 361 Introduction to Public Performance Design New
Source of Impact

SCEN 370 Elements of Production New
Source of Impact

SCEN 371 Elements of Production New
Source of Impact

SCEN 398 Special Topics in Scenography New
Source of Impact

SCEN 404 Advanced Designer's Studio: Conception New
Source of Impact

SCEN 405 Independent Study II New
Source of Impact

SCEN 408 Supervised Internship I New
Source of Impact

- PERC 408

SCEN 409 Supervised Internship II New
Source of Impact

- PERC 409

SCEN 413 Art Direction New
Source of Impact

SCEN 498 Special Topics in Scenography New
Source of Impact

Other Units

Addition of **FFAR 250** to **SCEN 360** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 250** to **SCEN 361** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 250** to **SCEN 370** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Addition of **FFAR 250** to **SCEN 371** requirement
Source of other unit Impact

- Course is housed in Section 81.30 Interdisciplinary Studies in Fine Arts

Undergraduate Program Regular Curriculum Change - GCS-COMP-5126 - VERSION : 1

Summary and Rationale for Changes

1. We are aligning the COMP 367 course description to match the new description of its sister MAST 332.
2. Lab hours are being added to SOEN 341, 342, 343 and 345 as recommended by the CEAB and to add an experiential element.
3. We are increasing the credit value of SOEN 490 (capstone course) from 4 to 6 credits, as suggested by the last CEAB accreditation visit, and as implemented by all Departments in the GCS.
4. BEng in Software Engineering: Adjustment of Natural Science (NS) Accreditation Units (AUs): SOEN 385 is being removed from the Software Engineering Core and the Basic Natural Science Courses list is being replaced by an "Engineering and Natural Science Group" that covers both NS AUs and the CEAB requirement for taking courses in other engineering areas. Changes in credit values of courses are being updated in the Core.
5. We are aligning the Life Sciences program's description of the Extended Credit Program requirements with its sister program in Biology.

Undergraduate Program Regular Curriculum Change - GCS-COMP-5126 - VERSION : 1

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice- Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 18 Nov 2022

Approved by:

Mourad Debbabi, Dean, Gina Cody School of Engineering and Computer Science,
GCS Council, 30 Sep 2022

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Ali Akgunduz, Associate Dean (Academic Programs), Office of the Dean,
ECSUSC, 13 Sep 2022

Approved by:

Lata Narayanan, Chair, Department of Computer Science and Software Engineering,
CSSE Departmental Council, 07 Sep 2022

Summary of Committee Discussion: Department approval

For Submission to:

Ali Akgunduz, Associate Dean (Academic Programs), Office of the Dean,
ECSUSC, 13 Sep 2022

Approved by:

Lata Narayanan, Chair, Department of Computer Science and Software Engineering,
CSSE Department Council, 07 Sep 2022

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
COMP 367 Techniques in Symbolic Computation - PR, description				X	X					
SOEN 341 Software Process and Practices Change - cr value, components							X	X		
SOEN 342 Software Requirements and Deployment - cr value, components							X	X		
SOEN 343 Software Architecture and Design - cr value, components							X	X		
SOEN 345 Software Testing, Verification and Quality Assurance - cr value, components							X	X		
SOEN 490 Capstone Software Engineering							X			

Design Project - cr value increase										

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
BEng in Software Engineering - changes				X			

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
Software Engineering Core Changes		X	X
Engineering and Natural Science Group: Software Engineering Change	X	X	X
Extended Credit Program: Health and Life Sciences Change		X	
ECP Elective Courses: Health and Life Sciences Delete	X	X	

Regulation Changes:

- Computer Science Change

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: Computer Science
Calendar Section Type: Regulation
Description of Change: Computer Science Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 14 Alternative Entry > Mature Entry > Section 14.2 Program Requirements > Section 14.2.3 Gina Cody School of Engineering and Computer Science

Present Text (from 2021) calendar	Proposed Text
Computer Science	Computer Science
Mature Entry students accepted to the Bachelor of/Baccalaureate in Computer Science (BCompSc) must include in their degree program (minimum 108 credits) the following courses, depending upon their chosen program:	Mature Entry students accepted to the Bachelor of/Baccalaureate in Computer Science (BCompSc) must include in their degree program (minimum 108 credits) the following courses, depending upon their chosen program:
a) BCompSc Joint Major in Computation Arts and Computer Science :	a) BCompSc Joint Major in Computation Arts and Computer Science :
MATH 203 , MATH 204 , MATH 205	MATH 203 , MATH 204 , MATH 205
and six credits chosen in consultation with an academic advisor from the Department of Design and Computation Arts and three elective credits may be chosen as follows. - General Education Electives found in Complementary Studies for Engineering and Computer Science Students. - ~~Basic~~ and Natural Science ~~Courses: BEng in~~ Software Engineering ~~.~~ - Courses not included in the above lists may be taken with prior approval of the undergraduate program director.	and six credits chosen in consultation with an academic advisor from the Department of Design and Computation Arts and three elective credits may be chosen as follows. - General Education Electives found in Complementary Studies for Engineering and Computer Science Students. - Engineering and Natural Science Group: Software Engineering - Courses not included in the above lists may be taken with prior approval of the undergraduate program director.
b) Bachelor of/Baccalaureate in Computer Science (BCompSc) and BCompSc Joint Major in Data Science :	b) Bachelor of/Baccalaureate in Computer Science (BCompSc) and BCompSc Joint Major in Data Science :
MATH 203 , MATH 204 , MATH 205	MATH 203 , MATH 204 , MATH 205
and six credits chosen from courses in Humanities or Social Sciences as noted in Section 71.110 Complementary Studies for Engineering and Computer Science Students and three elective credits may be chosen as follows. English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement. - General Education Electives found in Complementary Studies for Engineering and Computer Science Students.	and six credits chosen from courses in Humanities or Social Sciences as noted in Section 71.110 Complementary Studies for Engineering and Computer Science Students and three elective credits may be chosen as follows. English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement. - General Education Electives found in Complementary Studies for Engineering and Computer Science Students. - Basic and Natural Science Courses: BEng in Software Engineering . - Courses not included in the above lists may be taken with prior approval of the undergraduate program director.

D1

Present Text (from 2021) calendar	Proposed Text
- Basic and Natural Science Courses: BEng in Software Engineering . - Courses not included in the above lists may be taken with prior approval of the undergraduate program director. c) BCompSc in Health and Life Sciences : BIOL 201 CHEM 205 , CHEM 206 MATH 203 , MATH 204 , MATH 205 PHYS 204 , PHYS 206 and six credits chosen from courses in Humanities or Social Sciences as noted in Section 71.110. English as a Second Language (ESL) Courses courses and courses that focus on the acquisition of a language may not be used to meet this requirement. Depending on the number of free electives in their program, Mature Entry Computer Science students may use up to a maximum of 24 credits of prerequisites (including the above courses) within the 108-credit program. A maximum of six credits of prerequisites may be used within the regular 90-credit program. Note: In all programs, students may need one or more of MATH 200 and MATH 201 . Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.	c) BCompSc in Health and Life Sciences : BIOL 201 CHEM 205 , CHEM 206 MATH 203 , MATH 204 , MATH 205 PHYS 204 , PHYS 206 and six credits chosen from courses in Humanities or Social Sciences as noted in Section 71.110. English as a Second Language (ESL) Courses courses and courses that focus on the acquisition of a language may not be used to meet this requirement. Depending on the number of free electives in their program, Mature Entry Computer Science students may use up to a maximum of 24 credits of prerequisites (including the above courses) within the 108-credit program. A maximum of six credits of prerequisites may be used within the regular 90-credit program. Note: In all programs, students may need one or more of MATH 200 and MATH 201 . Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.

Rationale:
The entry for the Engineering and Natural Science Group is updated to show the correct title in section 14.2.3.

Resource Implications:
None

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: BEng in Software Engineering

Calendar Section Type: Program

Description of Change: BEng in Software Engineering - changes

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Program Name: BEng in Software Engineering

Program Type: None

Degree: Bachelor/Baccalaureate of Engineering (BEng)

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.9 Degree Requirements for the BEng in Software Engineering > Degree Requirements

Type of Change: Program Change

Present Text (from 2021) calendar	**Proposed Text**
120 credits BEng in Software Engineering	**120 credits** BEng in Software Engineering
30.5 credits from the Engineering Core	30.5 credits from the Engineering Core
~~73.5~~ credits from the Software Engineering Core	47.5 credits from the Software Engineering Core
16 credits of Software Engineering Electives	23 credits from the Computer Science Group: Software Engineering
	3 credits from the Engineering and Natural Science Group: Software Engineering
	16 credits of Software Engineering Electives

Rationale:

We are changing the degree requirements to better reflect the structure of the program by showing the overall credit values of the Software Engineering Core, Computer Science Group, and Engineering and Natural Science group as separate components (as listed in the program). The 6 credits of Basic and Natural Science Courses are being replaced by 3 credits from a Engineering and Natural Science Group (see change submitted concurrently).

Note: The "Basic and Natural Science Courses" is being re-named to "Engineering and Natural Science Group" (as indicated in the change form for the Basic and Natural Sciences Courses, submitted concurrently).

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: Software Engineering Core
Calendar Section Type: Defined group
Description of Change: Software Engineering Core Changes

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.9 Degree Requirements for the BEng in Software Engineering > Degree Requirements > BEng in Software Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~73.50~~ **credits**	Software Engineering Core	**47.5 credits**	Software Engineering Core
	~~SOEN~~ 228 System Hardware (4) SOEN 287 Web Programming (3) SOEN 321 Information Systems Security (3) SOEN 331 Formal Methods for Software Engineering (3) SOEN 341 Software Process and Practices ~~(3)~~ SOEN 342 Software Requirements and Deployment ~~(3)~~ SOEN 343 Software Architecture and Design ~~(3)~~ SOEN 345 Software Testing, Verification and Quality Assurance ~~(3)~~ SOEN 357 User Interface Design (3) SOEN 363 Data Systems for Software Engineers (3) SOEN 384 Management, Measurement and Quality Control (3) SOEN ~~385 Control Systems and Applications (3)~~ ~~SOEN~~ 390 Software Engineering Team Design Project (3.5) SOEN 490 Capstone Software Engineering Design Project ~~(4)~~		47.5 credits: SOEN 228 System Hardware (4) SOEN 287 Web Programming (3) SOEN 321 Information Systems Security (3) SOEN 331 Formal Methods for Software Engineering (3) SOEN 341 Software Process and Practices (4) SOEN 342 Software Requirements and Deployment (4) SOEN 343 Software Architecture and Design (4) SOEN 345 Software Testing, Verification and Quality Assurance (4) SOEN 357 User Interface Design (3) SOEN 363 Data Systems for Software Engineers (3) SOEN 384 Management, Measurement and Quality Control (3) SOEN 390 Software Engineering Team Design Project (3.5) SOEN 490 Capstone Software Engineering Design Project (6)

Rationale:
1. The total credits of the Software Engineering Core is being changed to reflect only the courses in the Core (rather than including the Computer Science Group and the Engineering and Natural Science Group; the credit value of each list should be listed separately).

2. The credit values of SOEN 341, 342, 343 and 345 are being increased by 1 credit (from 3 to 4 credits) and the credit value of SOEN 490 is being increased by 2 credits (from 4 to 6 credits), so these are being adjusted in the course list. (See course changes submitted concurrently.)

3. The Canadian Engineering Accreditation Board is now allowing up to 180 Natural Science (NS) Accreditation Units to be claimed from CEGEP studies, so the current Basic and Natural Science Courses list is being revised (see change submitted concurrently). In order to meet accreditation requirements in terms of NS AU, SOEN 385 will be replaced by an Engineering and Natural Science course which includes NS content (students take either ENGR 245 or MIAE 221; see change submitted concurrently).

Because of these adjustments, the overall program credit weight does not change.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: Engineering and Natural Science Group: Software Engineering

Calendar Section Type: Defined group

Description of Change: Engineering and Natural Science Group: Software Engineering Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.9 Degree Requirements for the BEng in Software Engineering > Degree Requirements > BEng in Software Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar	Proposed Text
~~Basic~~ and Natural Science ~~Courses:~~ Software Engineering	**3 credits** Engineering and Natural Science Group: Software Engineering
~~Two Basic and Natural Science courses must be selected~~ from the ~~following:~~ ~~BIOL 206 Elementary Genetics (3)~~ ~~BIOL 261 Molecular and General Genetics (3)~~ ~~CHEM 217 Introductory Analytical Chemistry I (3)~~ ~~CHEM 221 Introductory Organic Chemistry I (3)~~ ~~CIVI 231 Geology for Civil Engineers (3)~~ ~~ELEC 321 Introduction to Semiconductor Materials and Devices (3.5)~~ ENGR ~~242 Statics (3)~~ ~~ENGR 243 Dynamics (3)~~ ~~ENGR 251 Thermodynamics I (3)~~ ~~ENGR 361 Fluid Mechanics I~~ (3) MIAE 221 Materials Science (3) ~~PHYS 252 Optics (3)~~ ~~PHYS 284 Introduction to Astronomy (3)~~ ~~PHYS 385 Astrophysic (3)~~ ~~Note: Students must select at least one of the following courses: BIOL 206 , BIOL 261 , CHEM 217 , CHEM 221 , MIAE 221 , PHYS 252 , PHYS 284 , PHYS 385~~	3 credits chosen from one of the following courses: ENGR 245 Mechanical Analysis (3) MIAE 221 Materials Science (3)

Rationale:

The Canadian Engineering Accreditation Board is now allowing up to 180 Natural Science (NS) Accreditation Units to be claimed from CEGEP studies. Therefore, CEGEP students will no longer be required to take the NS electives. In order for this program to meet accreditation requirements in terms of NS AU, SOEN 385 will be replaced by an Engineering and Natural Science course which

includes Natural Science content.

Resource Implications:

Additional sections of ENGR 245 and/or MIAE 221 may be required to accommodate SOEN students. The Department Chair of MIAE has been consulted.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: Extended Credit Program: Health and Life Sciences
Calendar Section Type: Defined group
Description of Change: Extended Credit Program: Health and Life Sciences Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.75 Computer Science in Health and Life Sciences > Section 71.75.1 Curriculum for the Degree of BCompSc in Health and Life Sciences > Section 71.75.3 Extended Credit Program

Type of Change: Defined Group Change

	Present Text (from 2021) calendar		Proposed Text
120 credits	Extended Credit Program: Health and Life Sciences	**120 credits**	Extended Credit Program: Health and Life Sciences
	Students admitted to an Extended Credit Program (ECP) under the provisions of Section 13.3 Admission Requirements or Section 13.8 Selection Process and Notification must successfully complete a minimum of 120 credits including:		Students admitted to an Extended Credit Program (ECP) under the provisions of Section 13.3 Admission Requirements or Section 13.8 Selection Process and Notification must successfully complete a minimum of 120 credits including:
	90 credits of program requirements as set out in Section 71.75.2 Degree Requirements		90 credits of program requirements as set out in Section 71.75.2 Degree Requirements
	9 credits: MATH 203 Differential and Integral Calculus I (3) MATH 204 Vectors and Matrices (3) MATH 205 Differential and Integral Calculus II (3)		9 credits: MATH 203 Differential and Integral Calculus I (3) MATH 204 Vectors and Matrices (3) MATH 205 Differential and Integral Calculus II (3)
	~~6~~ credits: PHYS 204 Mechanics (3) PHYS 206 Waves and Modern Physics (3)		12 credits: PHYS 204 Mechanics (3) PHYS 205 Electricity and Magnetism (3) PHYS 206 Waves and Modern Physics (3) PHYS 224 Introductory Experimental Mechanics (1) PHYS 225 Introductory Experimental Electricity (1) PHYS 226 Introductory Experimental Waves and Modern Physics (1)
	6 credits: CHEM 205 General Chemistry I (3) CHEM 206 General Chemistry II (3)		
	3 credits: BIOL 201 Introductory Biology (3)		
	~~6 credits chosen from the ECP Elective Courses:~~		6 credits:

Present Text (from 2021) calendar	Proposed Text
~~Health and Life Sciences list~~	CHEM 205 General Chemistry I (3) CHEM 206 General Chemistry II (3) 3 credits: BIOL 201 Introductory Biology (3)

Rationale:

We are changing the Health and Life Science ECP requirement to match the ECP requirements already posted for Systems and Information Biology.

Resource Implications:

None.

D10

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: ECP Elective Courses: Health and Life Sciences

Calendar Section Type: Defined group

Description of Change: ECP Elective Courses: Health and Life Sciences Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.75 Computer Science in Health and Life Sciences > Section 71.75.1 Curriculum for the Degree of BCompSc in Health and Life Sciences > Section 71.75.3 Extended Credit Program > Extended Credit Program: Health and Life Sciences

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~ECP Elective Courses: Health and Life Sciences~~ ~~ECP elective credits may be chosen as follows:~~ ~~General Education Electives found in Section 71.110 Complementary Studies For Engineering And Computer Science Students~~ ~~Basic and Natural Science Courses: BEng in Software Engineering found in Section 71.70.9 Degree Requirements for the BEng in Software Engineering~~ ~~Courses not included in the above lists may be taken with prior approval of the undergraduate program director.~~	

Rationale:

Because the Elective Courses are being removed from the ECP: Health and Life Sciences (see change submitted concurrently), this list is no longer needed and is therefore being deleted.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: COMP 367
Calendar Section Type: Course
Description of Change: COMP 367 Techniques in Symbolic Computation - PR, description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.10 Computer Science and Software Engineering Courses > Computer Science Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COMP 367 Techniques in Symbolic Computation (3 credits)	COMP 367 Techniques in Symbolic Computation (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: COMP 232 or ~~MAST 217 ;~~ COMP 248 or ~~MAST 234 .~~	The following courses must be completed previously: MAST 217 or COMP 232 or equivalent; COMP 248 or equivalent.
Description :	*Description :*
~~Symbolic computation and its use~~ in ~~pure~~ and ~~applied mathematics, in particular in~~ algebra, ~~number theory, cryptography, coding theory,~~ and ~~combinatorics. Programming in a~~ symbolic ~~computing~~ system (e.g. ~~MAPLE).~~	This course is an application-oriented introduction to algebraic methods involved in symbolic computation, as it applies to number theory and modular algebra, and covering the following topics: numbers, primes, modular arithmetic, Diophantine equations; congruence classes and applications, finite fields and rings; Fermat's and Euler's theorems; Chinese Remainder theorem and applications; polynomial congruences and rings. Applications to: error-correcting codes (Humming codes), Hill Cryptosystem, public key encryption schemes, polynomial factorization, polynomial interpolation. A symbolic computation system (e.g. MAPLE), is used as a computational tool and a platform for writing all assignments and tests but not as an object of study itself.
Component(s):	*Component(s):*
Lecture	Lecture
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for MAST 332 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for MAST 332 may not take this course for credit.

Rationale:

We are changing the prerequisite and course description to match the new course description introduced for MAST 332. The changes are being made for consistency of the calendar entries.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: SOEN 341
Calendar Section Type: Course
Description of Change: SOEN 341 Software Process and Practices
Change - cr value, components

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.10 Computer Science and Software Engineering Courses > Software Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SOEN 341 Software Process and Practices (~~3~~ credits)	SOEN 341 Software Process and Practices (4 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously or concurrently: COMP 352 or COEN 352 ; ENCS 282 .	The following courses must be completed previously or concurrently: COMP 352 or COEN 352 ; ENCS 282 .
Description :	*Description :*
This course covers the following topics: basic principles of software engineering; introduction to software process, including activities, phases, organization, roles, teamwork, and conflict resolution; notations used in software engineering; software development practices, including documentation, modern version control, review, testing, agile, and continuous integration.	This course covers the following topics: basic principles of software engineering; introduction to software process, including activities, phases, organization, roles, teamwork, and conflict resolution; notations used in software engineering; software development practices, including documentation, modern version control, review, testing, agile, and continuous integration.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week)
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for COMP 354 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for COMP 354 may not take this course for credit.

Rationale:

The CEAB visitors recommended during their last visit that a laboratory be added to this course. Adding a laboratory adds experimental learning to the course. Hence the course credits will be increased to better reflect the actual workload.

Impacted programs:

Program changes are being submitted for all programs where this course is listed and therefore where the credit value must be changed: BEng Software Engineering (included in this dossier); BEng Electrical Engineering and BEng Computer Engineering (dossier ELEC-4001); BEng Aerospace Engineering (Option C - Core) (dossier MIAE-3481)

Resource Implications:
Laboratory instructors will be needed.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: SOEN 342
Calendar Section Type: Course
Description of Change: SOEN 342 Software Requirements and Deployment - cr value, components

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.10 Computer Science and Software Engineering Courses > Software Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SOEN 342 Software Requirements and Deployment (~~3~~ credits)	SOEN 342 Software Requirements and Deployment (4 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: SOEN 341 .	The following course must be completed previously: SOEN 341 .
Description :	*Description :*
This course covers the following topics: requirements engineering; eliciting and coping with changing and evolving requirements; deployment of a software system under real-life functional and non-functional requirements scenarios; understanding how requirements impact early-stage and deployed software systems through all phases of engineering, including design, implementation, test and verification, deployment, and evolution. A project is required.	This course covers the following topics: requirements engineering; eliciting and coping with changing and evolving requirements; deployment of a software system under real-life functional and non-functional requirements scenarios; understanding how requirements impact early-stage and deployed software systems through all phases of engineering, including design, implementation, test and verification, deployment, and evolution. A project is required.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week)
Notes :	*Notes :*

Rationale:

The CEAB visitors recommended during their last visit that a laboratory be added to this course. Adding a laboratory adds experimental learning to the course. Hence the course credits will be increased to better reflect the actual workload.

Impacted programs:

Program changes are being submitted concurrently to change the credit weight in all programs where this course is listed: BEng Software Engineering (included in this dossier); BEng Electrical Engineering and BEng Computer Engineering (dossier ELEC-4001); BEng Aerospace Engineering (dossier MIAE-3481).

Resource Implications:

Laboratory instructors will be needed.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: SOEN 343
Calendar Section Type: Course
Description of Change: SOEN 343 Software Architecture and Design
- cr value, components

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.10 Computer Science and Software Engineering Courses > Software Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SOEN 343 Software Architecture and Design (~~3~~ credits)	SOEN 343 Software Architecture and Design (4 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously or concurrently: SOEN 341 ; SOEN 342 .	The following courses must be completed previously or concurrently: SOEN 341 ; SOEN 342 .
Description :	*Description :*
This course covers the following topics: from requirements to design to implementation; planned vs. evolutionary design and refactoring; model-driven design and Unified Modelling Language (UML); structural and behavioural design descriptions and specifications; general and domain-specific design principles, patterns and idioms; introduction to software architecture (styles and view models); design quality; architectural debt; design smells; refactoring Anti-Patterns to Patterns; design rationale.	This course covers the following topics: from requirements to design to implementation; planned vs. evolutionary design and refactoring; model-driven design and Unified Modelling Language (UML); structural and behavioural design descriptions and specifications; general and domain-specific design principles, patterns and idioms; introduction to software architecture (styles and view models); design quality; architectural debt; design smells; refactoring Anti-Patterns to Patterns; design rationale.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week)
Notes :	*Notes :*

Rationale:

The CEAB visitors recommended during their last visit that a laboratory be added to this course. Adding a laboratory adds experimental learning to the course. Hence the course credits will be increased to better reflect the actual workload.

Impacted programs:

Program changes are being submitted concurrently to change the credit weight in all programs where this course is listed: BEng Software Engineering (included in this dossier); BEng Computer Engineering (dossier ELEC-4001); BEng Aerospace Engineering (dossier MIAE-3481).

Resource Implications:

Laboratory instructors will be needed.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: SOEN 345

Calendar Section Type: Course

Description of Change: SOEN 345 Software Testing, Verification and Quality Assurance - cr value, components

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.10 Computer Science and Software Engineering Courses > Software Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SOEN 345 Software Testing, Verification and Quality Assurance (~~3~~ credits)	SOEN 345 Software Testing, Verification and Quality Assurance (4 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously or concurrently: SOEN 343 .	The following courses must be completed previously or concurrently: SOEN 343 .
Description :	*Description :*
This course covers the following topics: unit testing and test-driven development; characterization testing and legacy system testing; mocking, dependency injection, and breaking system dependencies; integration and system testing; test planning and management; test order, prioritization, redundancy, and flaky tests; advanced topics including static analysis, bisection, and fuzzing; data migration testing and verification; continuous integration and delivery; DevOps testing and validation including darklaunching, A/B testing, feature toggles, and logging.	This course covers the following topics: unit testing and test-driven development; characterization testing and legacy system testing; mocking, dependency injection, and breaking system dependencies; integration and system testing; test planning and management; test order, prioritization, redundancy, and flaky tests; advanced topics including static analysis, bisection, and fuzzing; data migration testing and verification; continuous integration and delivery; DevOps testing and validation including darklaunching, A/B testing, feature toggles, and logging.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week)
Notes :	*Notes :*

Rationale:

The CEAB visitors recommended during their last visit that a laboratory be added to this course. Adding a laboratory adds experimental learning to the course. Hence the course credits will be increased to better reflect the actual workload.

Programs impacted: A program change proposal is being submitted concurrently in this dossier to change the credit value in the BEng Software Engineering.

Resource Implications:

Laboratory instructors will be needed.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: COMP 367, SOEN 341-343, 345, 490, BEng Software Eng, ECP Health and Life Sci

Calendar Section Name: SOEN 490

Calendar Section Type: Course

Description of Change: SOEN 490 Capstone Software Engineering Design Project - cr value increase

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Computer Science and Software Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.70 Department of Computer Science and Software Engineering > Section 71.70.10 Computer Science and Software Engineering Courses > Software Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
SOEN 490 Capstone Software Engineering Design Project (4 credits)	SOEN 490 Capstone Software Engineering Design Project (6 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: SOEN 390 . Students must have completed 75 credits in the program prior to enrolling.	The following courses must be completed previously: SOEN 390 . Students must have completed 75 credits in the program prior to enrolling.
Description :	*Description :*
Students work in teams of at least four members to construct a significant software application. The class meets at regular intervals. Team members will give a presentation of their contribution to the project.	Students work in teams of at least four members to construct a significant software application. The class meets at regular intervals. Team members will give a presentation of their contribution to the project.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Laboratory (2 hours per week)	Lecture (3 hours per week) ; Laboratory (2 hours per week)
Notes :	*Notes :*

Rationale:

The course load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits are being increased to 6 credits to better reflect the actual workload. This was recommended by the visitors of the Canadian Engineering Accreditation Board during their last visit.

Impacted programs: A program change is being submitted concurrently in this dossier to change the credit value in the BEng Software Engineering.

Resource Implications:

None.

Impact Report

Programs

BEng in Software Engineering
Source of Impact

- Basic and Natural Science Courses: Software Engineering
- Software Engineering Core

Defined Groups

Computer Engineering Core
Source of Impact

- SOEN 341

Computer Systems Electives: Electrical Engineering
Source of Impact

- SOEN 341

ECP Elective Courses: Health and Life Sciences
Source of Impact

- Basic and Natural Science Courses: Software Engineering

ECP: BCompSc (other than Joint Majors)
Source of Impact

- Basic and Natural Science Courses: Software Engineering

ECP: Joint Major in Computation Arts and Computer Science
Source of Impact

- Basic and Natural Science Courses: Software Engineering

ECP: Joint Major in Data Science
Source of Impact

- Basic and Natural Science Courses: Software Engineering

Engineering Core
Source of Impact

- BEng in Software Engineering

Extended Credit Program: Health and Life Sciences
Source of Impact

- ECP Elective Courses: Health and Life Sciences

General Electives: BCompSc
Source of Impact

- Basic and Natural Science Courses: Software Engineering

Mathematics Electives: BCompSc
Source of Impact

- COMP 367

Mathematics and Statistics Core: Joint Major in Data Science
Source of Impact

- COMP 367

Mathematics and Statistics Course Requirements
Source of Impact

- COMP 367

Option C — Avionics and Aerospace Systems Core
Source of Impact

- SOEN 341

Option C — Avionics and Aerospace Systems Electives
Source of Impact

- SOEN 342
- SOEN 343

Software Engineering Core
Source of Impact

- SOEN 341
- SOEN 342
- SOEN 343
- SOEN 345
- SOEN 490

Software and System Design Electives: Computer Engineering
Source of Impact

- SOEN 342
- SOEN 343

Courses

COEN 421
Source of Impact

- SOEN 341

COEN 448
Source of Impact

- SOEN 341

COEN 490
Source of Impact

- SOEN 341

ENGR 490

Source of Impact

- SOEN 490

MAST 232
Source of Impact

- COMP 367

MAST 332
Source of Impact

- COMP 367

SOEN 342
Source of Impact

- SOEN 341

SOEN 343
Source of Impact

- SOEN 341
- SOEN 342

SOEN 344
Source of Impact

- SOEN 343

SOEN 345
Source of Impact

- SOEN 343

SOEN 357
Source of Impact

- SOEN 341

SOEN 363
Source of Impact

- SOEN 341

SOEN 384
Source of Impact

- SOEN 341

SOEN 387
Source of Impact

- SOEN 341

SOEN 390
Source of Impact

- SOEN 345

SOEN 448
Source of Impact

- SOEN 342
- SOEN 343

Regulations

Accelerated Career Experience Option
Source of Impact

- BEng in Software Engineering

C.Edge Option
Source of Impact

- BEng in Software Engineering

Computer Science
Source of Impact

- Basic and Natural Science Courses: Software Engineering

Degree Requirements
Source of Impact

- Software Engineering Core

Objectives
Source of Impact

- BEng in Software Engineering

Programs
Source of Impact

- BEng in Software Engineering

Registration Regulations
Source of Impact

- SOEN 490

The Co-operative Format
Source of Impact

- BEng in Software Engineering

The following programs are offered in the Gina Cody School of Engineering and Computer Science:
Source of Impact

- BEng in Software Engineering

Other Units

Addition of **ENGR 245** to **Basic and Natural Science Courses: Software Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **PHYS 205** to **Extended Credit Program: Health and Life Sciences** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 224** to **Extended Credit Program: Health and Life Sciences** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 225** to **Extended Credit Program: Health and Life Sciences** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 226** to **Extended Credit Program: Health and Life Sciences** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Mature Entry

Concordia University has a long history of making education accessible to adults with varying academic backgrounds. Through Mature Entry and Bridging Programs, those lacking the regular pre-university requirements can still earn university degrees and certificates.

Section 14.1 Admission as a Mature Student

Conditions for Admission

At Concordia, the term “Mature Entrants” is used to designate students aged 21 and over who have not completed the normal academic admission requirements. The designation does not apply to adult applicants whose academic background qualifies them for regular admission.

Students apply for admission to particular programs within one of the four Faculties of the University. In every respect, with the exception of the 18-credit requirement, Mature Entrants at Concordia are treated as regular undergraduates and are expected to meet the same standards before graduating.

The admission of applicants for Mature Entry is subject to the following conditions:

1. Applicants must have reached the age of 21 by August 1 for the September term, December 1 for the January term, or April 1 for the May term in any given year;

2. Although not meeting the normal academic requirements for admission (Québec Diplôme d’études collégiales or the equivalent), applicants must satisfy the University that they have the potential to undertake undergraduate courses;

3. Applicants must have been out of school — that is not engaged in full-time study — for at least 24 months since attaining the age of 18. Applicants who have been out of school for only 12 months are also admissible provided that they have had no unfavourable academic record in the previous 24 months;

4. Applicants must be Canadian citizens or permanent residents (landed immigrants). Applicants must submit proof of citizenship and age, together with school records and any material which may indicate ability to pursue university studies. Applicants are expected to arrange for official transcripts of all their previous studies to be sent directly to Concordia; (Section 13 Admission Regulations provides general information on how to apply for admission.)

5. Students who have the Québec Diplôme d’études collégiales or the equivalent are not eligible for Mature Entry. Students who pursued a secondary school curriculum that normally permits entry to the Extended Credit Program (ECP) may be considered for admission on the basis of maturity, but will be required to complete the ECP program.

6. In all programs, some students may require courses in English as a Second Language, as determined by language proficiency testing. See Section 13.4 Language Proficiency of this Calendar regarding language proficiency testing.

Section 14.2 Program Requirements

Program Requirements

Normally, Mature Entrants without any Diplôme d'études collégiales (DEC) or equivalent must complete at least 18 additional credits of preparatory or complementary courses. These additional credits are intended to help them to prepare for their subsequent studies. Students with a partial DEC or equivalent may be awarded transfer credits for some of the additional 18 credits.

When selecting courses to fulfill the additional credit requirements, Mature students are required to consult with advisors in the respective Faculty. When selecting program courses, all students are required to consult with their program advisor. Students in the Gina Cody School of Engineering and Computer Science are required to consult only with their Faculty program advisors.

The MEP requirements are not applicable to students applying for admission to microprograms.

Section 14.2.1 Faculty of Arts and Science

Faculty of Arts and Science

For most BA programs, there are no specific program prerequisites. Therefore, within the initial 18 credits, students are encouraged to take courses which will broaden their educational background or help them develop study skills.

Consultation with the departmental advisor is encouraged in the choice of the 18 additional credits required for the degree or certificate.

Arts

The programs listed below have specific prerequisites which will take up some or all of the initial 18 credits.

Certificate in Community Service	AHSC 230, AHSC 232, AHSC 270; ENGL 212; six credits in the social sciences chosen in consultation with the program advisor. MATH 209
BA Major in Economics	Note: Students may need one or more of MATH 200 and MATH 206.
BA Specialization in Early Childhood and Elementary Education or BEd Specialization in Teaching English as a Second Language	Note: Mature students wishing to apply to Early Childhood and Elementary Education or the BEd (TESL) must complete 18 credits prior to applying for entry.
Certificate in Family Life Education	AHSC 220, AHSC 230, AHSC 232; ENGL 212; six credits in the social sciences chosen in consultation with the program advisor.
BA Specialization in Therapeutic Recreation	BIOL 200 or BIOL 201 or BIOL 202 MATH 203, MATH 204, MATH 205
BA/BSc Major in Mathematics and Statistics	Note: Students may need one or more of MATH 200 and MATH 201. Note: Students not having MATH 202 or the equivalent must include it in their 18 credits.
BA Major in Psychology	PSYC 200; BIOL 201 or BIOL 202; three credits in Mathematics (in preparation for statistics) chosen in consultation with their departmental advisor.

Science

For those Mature Entry students pursuing a degree in Science, the following courses must be included within their 108-credit requirement:

6 credits in Chemistry: CHEM 205, CHEM 206
9 credits in Mathematics: MATH 202, MATH 203, MATH 205
8 credits in Physics: PHYS 204, PHYS 205, PHYS 224, PHYS 225

Additional requirements for programs in the following departments:

Biology and Psychology:	BIOL 201, PHYS 206, PHYS 226 Note: For students enrolled in the BSc Systems and Information Biology program, MATH 204 is also required.
Chemistry:	PHYS 206, PHYS 226 and BIOL 201
Biochemistry:	PHYS 206, PHYS 226 and BIOL 201
Environmental Geography:	PHYS 206, PHYS 226 and BIOL 201
Environmental Science:	PHYS 206, PHYS 226, MATH 204 and BIOL 201
Health, Kinesiology, and Applied Physiology:	PHYS 206, PHYS 226 and BIOL 201
Mathematics:	MATH 204, PHYS 206, PHYS 226
Physics:	PHYS 206, PHYS 226 and MATH 204

Note: Students must consult with their departmental advisor to determine the appropriate sequence of the above credits in the BSc degree.
Note: Students not having MATH 201, or the equivalent, must take it in place of one of their elective courses. Some students may also need MATH 200.

Section 14.2.2 John Molson School of Business

Mature Entry — the 108-credit program

In addition to the 90-credit program, Mature Entry students will be required to complete the following 18 credits outside the offerings of the John Molson School of Business. Those credits are:

6 credits in MATH 208, MATH 209

6 credits in ECON 201, ECON 203
3 credits in BTM 200
additional elective credits

3 Note: These elective credits must be selected from outside the offerings of the John Molson School of Business.

Note: Students may need one or more of MATH 200 and MATH 206.
Requirements for certificate programs are listed with the program descriptions in Section 61 John Molson School of Business of this Calendar.

Section 14.2.3 Gina Cody School of Engineering and Computer Science

Engineering Mature Entry Requirements

Mature Entrants to the BEng degree, which requires the completion of a minimum of 120 credits, are also required to complete all outstanding required prerequisites in addition to their program. Prerequisite courses are as follows:

- CHEM 205 General Chemistry I (3.00)
- MATH 203 Differential and Integral Calculus I (3.00)
- MATH 204 Vectors and Matrices (3.00)
- MATH 205 Differential and Integral Calculus II (3.00)
- PHYS 204 Mechanics (3.00)
- PHYS 205 Electricity and Magnetism (3.00)

6 credits chosen from courses in the list of Natural Science below:

- BIOL 202 General Biology (3.00)
- BIOL 206 Elementary Genetics (3.00)
- BIOL 261 Molecular and General Genetics (3.00)
- BIOL 266 Cell Biology (3.00)
- CHEM 206 General Chemistry II (3.00)
- CHEM 217 Introductory Analytical Chemistry I (3.00)
- CHEM 221 Introductory Organic Chemistry I (3.00)
- GEOL 206 Earthquakes, Volcanoes, and Plate Tectonics (3.00)
- GEOL 208 The Earth, Moon and the Planets (3.00)
- PHYS 206 Waves and Modern Physics (3.00)
- PHYS 252 Optics (3.00)
- PHYS 260 Introductory Biophysics (3.00)
- PHYS 273 Energy and Environment (3.00)
- PHYS 284 Introduction to Astronomy (3.00)
- PHYS 367 Modern Physics and Relativity (3.00)
- PHYS 385 Astrophysic (3.00)
- PHYS 443 Quantitative Human Systems Physiology (3.00)
- PHYS 445 Principles of Medical Imaging (3.00)

6 credits of courses chosen from the following lists:

Humanities General Education Electives for Engineering and Computer Science Students

Social Sciences General Education Electives for Engineering and Computer Science Students

English as a Second Language Courses and courses that focus on the acquisition of a language may not be used to meet this requirement. Students should refer to Section 71.110 Complementary Studies for Engineering and Computer Science Students when selecting these courses.

Note: In all programs, students may need one or more of the following courses:

- MATH 200 Fundamental Concepts of Algebra (3.00)
- MATH 201 Elementary Functions (3.00)

Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.

Engineering

Mature Entrants to the BEng degree, which requires the completion of a minimum of 120 credits, are also required to complete all outstanding required prerequisites in addition to their program. Prerequisite courses are as follows:

CHEM 205

MATH 203, MATH 204, MATH 205

PHYS 204, PHYS 205

Six credits chosen from courses in Humanities and Social Sciences. English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement. Students should refer to Section 71.110 Complementary Studies for Engineering and Computer Science Students when selecting these courses.

Note: In all programs, students may need one or more of MATH 200 and MATH 201.

Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.

Computer Science

Mature Entry students accepted to the Bachelor of/Baccalaureate in Computer Science (BCompSc) must include in their degree program (minimum 108 credits) the following courses, depending upon their chosen program:

a) BCompSc Joint Major in Computation Arts and Computer Science:

MATH 203, MATH 204, MATH 205

and six credits chosen in consultation with an academic advisor from the Department of Design and Computation Arts and three elective credits may be chosen as follows.

- General Education Electives found in Complementary Studies for Engineering and Computer Science Students.
- Engineering and Natural Science Group: Software Engineering
- Courses not included in the above lists may be taken with prior approval of the undergraduate program director.

b) Bachelor of/Baccalaureate in Computer Science (BCompSc) and BCompSc Joint Major in Data Science:

MATH 203, MATH 204, MATH 205

and six credits chosen from courses in Humanities or Social Sciences as noted in Section 71.110 Complementary Studies for Engineering and Computer Science Students and three elective credits may be chosen as follows. English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement.

- General Education Electives found in Complementary Studies for Engineering and Computer Science Students.
- Basic and Natural Science Courses: BEng in Software Engineering.
- Courses not included in the above lists may be taken with prior approval of the undergraduate program director.

c) BCompSc in Health and Life Sciences:

BIOL 201

CHEM 205, CHEM 206

MATH 203, MATH 204, MATH 205

PHYS 204, PHYS 206

and six credits chosen from courses in Humanities or Social Sciences as noted in Section 71.110. English as a Second Language (ESL) Courses courses and courses that focus on the acquisition of a language may not be used to meet this requirement.

Depending on the number of free electives in their program, Mature Entry Computer Science students may use up to a maximum of 24 credits of prerequisites (including the above courses) within the 108-credit program.

A maximum of six credits of prerequisites may be used within the regular 90-credit program.

Note: In all programs, students may need one or more of MATH 200 and MATH 201.

Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.

Section 14.2.4 Faculty of Fine Arts

Faculty of Fine Arts

Mature Entry students wishing to pursue degree and certificate programs in the Faculty of Fine Arts must take 18 additional credits appropriate for entry into their ultimate area of concentration. These credits will be chosen with the approval of the Faculty advisors.

Section 14.3 Assistance

Assistance

Mature students accepted into the University must inform themselves of the specific requirements of their program and should meet with their program advisors in the Faculties or in the the Kaié:ri Nikawerà:ke Indigenous Bridging Program.

Section 71.70.9 Degree Requirements for the BEng in Software Engineering

Degree Requirements

Students registered in the Software Engineering program must complete a minimum of 120 credits during four years of full-time study. The program consists of the Engineering Core, the Software Engineering Core and electives.

BEng in Software Engineering (120 credits)

30.5 credits from the Engineering Core

47.5 credits from the Software Engineering Core

23 credits from the Computer Science Group: Software Engineering

3 credits from the Engineering and Natural Science Group: Software Engineering

16 credits of Software Engineering Electives

Software Engineering Core (47.5 credits)

47.5 credits:

- SOEN 228 System Hardware (4.00)
- SOEN 287 Web Programming (3.00)
- SOEN 321 Information Systems Security (3.00)
- SOEN 331 Formal Methods for Software Engineering (3.00)
- SOEN 341 Software Process and Practices (4.00)
- SOEN 342 Software Requirements and Deployment (4.00)
- SOEN 343 Software Architecture and Design (4.00)
- SOEN 345 Software Testing, Verification and Quality Assurance (4.00)
- SOEN 357 User Interface Design (3.00)
- SOEN 363 Data Systems for Software Engineers (3.00)

- SOEN 384 Management, Measurement and Quality Control (3.00)
- SOEN 390 Software Engineering Team Design Project (3.50)
- SOEN 490 Capstone Software Engineering Design Project (6.00)

Computer Science Group: Software Engineering (23 credits)

- COMP 232 Mathematics for Computer Science (3.00)
- COMP 248 Object-Oriented Programming I (3.50)
- COMP 249 Object-Oriented Programming II (3.50)
- COMP 335 Introduction to Theoretical Computer Science (3.00)
- COMP 346 Operating Systems (4.00)
- COMP 348 Principles of Programming Languages (3.00)
- COMP 352 Data Structures and Algorithms (3.00)

Engineering and Natural Science Group: Software Engineering (3 credits)

3 credits chosen from one of the following courses:
- ENGR 245 Mechanical Analysis (3.00)
- MIAE 221 Materials Science (3.00)

Software Engineering Electives (16 credits)

0 Students in the Software Engineering program must complete at least 16 elective credits from the list of courses below:

- AERO 480 Flight Control Systems (3.50)
- AERO 482 Avionic Navigation Systems (3.00)
- COEN 320 Introduction to Real-Time Systems (3.00)
- COMP 333 Data Analytics (4.00)
- COMP 339 Combinatorics (3.00)
- COMP 345 Advanced Program Design with C++ (4.00)
- COMP 353 Databases (4.00)
- COMP 371 Computer Graphics (4.00)
- COMP 376 Introduction to Game Development (4.00)
- COMP 425 Computer Vision (4.00)
- COMP 426 Multicore Programming (4.00)
- COMP 428 Parallel Programming (4.00)
- COMP 432 Machine Learning (4.00)
- COMP 442 Compiler Design (4.00)
- COMP 444 System Software Design (4.00)
- COMP 445 Data Communication and Computer Networks (4.00)
- COMP 451 Database Design (4.00)
- COMP 465 Design and Analysis of Algorithms (3.00)
- COMP 472 Artificial Intelligence (4.00)
- COMP 473 Pattern Recognition (4.00)

- COMP 474 Intelligent Systems (4.00)
- COMP 475 Immersive Technologies (4.00)
- COMP 476 Advanced Game Development (4.00)
- COMP 477 Animation for Computer Games (4.00)
- COMP 478 Image Processing (4.00)
- COMP 479 Information Retrieval and Web Search (4.00)
- COMP 498 Topics in Computer Science (3.00)
- COMP 499 Topics in Computer Science with Lab (4.00)
- SOEN 298 System Hardware Lab (1.00)
- SOEN 344 Advanced Software Architecture and Design (3.00)
- SOEN 387 Web-Based Enterprise Application Design (3.00)
- SOEN 422 Embedded Systems and Software (4.00)
- SOEN 423 Distributed Systems (4.00)
- SOEN 448 Management of Evolving Systems (3.00)
- SOEN 471 Big Data Analytics (4.00)
- SOEN 487 Web Services and Applications (4.00)
- SOEN 491 Software Engineering Project (1.00)
- SOEN 498 Topics in Software Engineering (3.00)
- SOEN 499 Topics in Software Engineering with Lab (4.00)
- ENGR 411 Special Technical Report (1.00)

0 Electives are also listed in the following groups to facilitate the selection of courses in a particular area of the field:
Computer Games Electives: Software Engineering
Data Engineering Electives: Software Engineering
Real-Time, Embedded, and Avionics Software Electives: Software Engineering
Web Services and Applications Electives: Software Engineering

Software Engineering Course Groups

The Software Engineering elective courses are listed in groups below to facilitate the selection of courses in a particular area of the field.

Computer Games Electives: Software Engineering

0
- COMP 345 Advanced Program Design with C++ (4.00)
- COMP 371 Computer Graphics (4.00)
- COMP 376 Introduction to Game Development (4.00)
- COMP 438 Geometric Modelling and Processing (4.00)

- COMP 475 Immersive Technologies (4.00)
- COMP 476 Advanced Game Development (4.00)
- COMP 477 Animation for Computer Games (4.00)

Data Engineering Electives: Software Engineering

0

- COMP 333 Data Analytics (4.00)
- COMP 353 Databases (4.00)
- COMP 432 Machine Learning (4.00)
- COMP 479 Information Retrieval and Web Search (4.00)
- SOEN 471 Big Data Analytics (4.00)

Real-Time, Embedded, and Avionics Software Electives: Software Engineering

0

- AERO 480 Flight Control Systems (3.50)
- AERO 482 Avionic Navigation Systems (3.00)
- COEN 320 Introduction to Real-Time Systems (3.00)
- COMP 345 Advanced Program Design with C++ (4.00)
- SOEN 422 Embedded Systems and Software (4.00)
- SOEN 423 Distributed Systems (4.00)
- COMP 444 System Software Design (4.00)

Web Services and Applications Electives: Software Engineering

0

- COMP 353 Databases (4.00)
- COMP 445 Data Communication and Computer Networks (4.00)
- COMP 479 Information Retrieval and Web Search (4.00)
- SOEN 387 Web-Based Enterprise Application Design (3.00)
- SOEN 487 Web Services and Applications (4.00)

Section 71.75.1 Curriculum for the Degree of BCompSc in Health and Life Sciences

Computer Science in Health and Life Sciences Program

The BCompSc in Health and Life Sciences prepares students to explore and decipher the complexity and interdependency within biological systems; provides students with an understanding of techniques from computer science, mathematics, statistics and modelling; and develops students' skills in efficiently generating information and knowledge by optimal use of data analytics, while maintaining a rigorous training in empirical and experimental approaches.

Section 71.75.2 Degree Requirements

The BCompSc in Health and Life Sciences constitutes a 90-credit program that consists of courses in the following groups: Computer Science Core, Health and Life Sciences Complementary Core, Health and Life Sciences Core, Health and Life Sciences Electives, Mathematics Electives: BCompSc and General Electives: BCompSc.

BCompSc in Health and Life Sciences (90 credits)

33 credits from the Computer Science Core

24 credits from the Health and Life Sciences Core

6 credits from the Health and Life Sciences Complementary Core

12 credits from Health and Life Sciences Electives

6 credits chosen from the Mathematics Electives: BCompSc list

9 credits of General Electives: BCompSc (see Section 71.70.2 Degree Requirements)

Health and Life Sciences Core (24 credits)

- BIOL 261 Molecular and General Genetics (3.00)
- BIOL 266 Cell Biology (3.00)
- BIOL 367 Molecular Biology (3.00)
- BIOL 479 Computational Biology (3.00)
- BIOL 481 Genome Structure (3.00)
- CHEM 212 Analytical Chemistry for Biology and Environmental and Sustainability Science Students (3.00)
- CHEM 221 Introductory Organic Chemistry I (3.00)
- CHEM 271 Biochemistry I (3.00)

Health and Life Sciences Complementary Core (6 credits)

- ENCS 282 Technical Writing and Communication (3.00)
- ENCS 333 Research Methods, Ethics, Law and Regulation for Computational Biology (3.00)

Health and Life Sciences Electives (12 credits)

12 credits chosen from:

- BIOL 226 Biodiversity and Ecology (3.00)
- BIOL 364 Cell Physiology (3.00)
- BIOL 368 Genetics and Cell Biology Laboratory (3.00)
- BIOL 422 Advanced Statistics for Biological Sciences (3.00)
- BIOL 461 Advanced Genetics (3.00)
- BIOL 466 Advanced Techniques in Molecular Biology (3.00)
- BIOL 475 Biological Computing and Synthetic Biology (3.00)
- BIOL 480 Bioinformatics (3.00)
- BIOL 482 Functional Genomics (3.00)
- BIOL 484 Industrial and Environmental Biotechnology (3.00)
- BIOL 485 Agriculture and Agri-Food Biotechnology (3.00)
- BIOL 486 High-throughput Instrumentation (3.00)
- COEN 432 Applied Machine Learning and Evolutionary Algorithms (3.00)
- COEN 433 Biological Computing and Synthetic Biology (3.00)
- COEN 434 Microfluidic Devices for Synthetic Biology (3.00)
- COMP 339 Combinatorics (3.00)
- COMP 353 Databases (4.00)
- COMP 361 Elementary Numerical Methods (3.00)
- COMP 465 Design and Analysis of Algorithms (3.00)
- COMP 472 Artificial Intelligence (4.00)
- COMP 478 Image Processing (4.00)
- COMP 479 Information Retrieval and Web Search (4.00)
- COMP 493 Computational Biology Team Project (6.00)
- ENGR 213 Applied Ordinary Differential Equations (3.00)

- ENGR 411 Special Technical Report (1.00)
- SOEN 287 Web Programming (3.00)
- SOEN 387 Web-Based Enterprise Application Design (3.00)

Note: Electives may also be taken from amongst 300-level and 400-level courses in BIOL, COEN, COMP, SOEN with permission of the Department.
Note: Students missing one credit of the 90 credits to graduate may take ENGR 411 Special Technical Report (1 credit).

Section 71.75.3 Extended Credit Program

Extended Credit Program: Health and Life Sciences (120 credits)

Students admitted to an Extended Credit Program (ECP) under the provisions of Section 13.3 Admission Requirements or Section 13.8 Selection Process and Notification must successfully complete a minimum of 120 credits including:

90 credits of program requirements as set out in Section 71.75.2 Degree Requirements

9 credits:

- MATH 203 Differential and Integral Calculus I (3.00)
- MATH 204 Vectors and Matrices (3.00)
- MATH 205 Differential and Integral Calculus II (3.00)

12 credits:

- PHYS 204 Mechanics (3.00)
- PHYS 205 Electricity and Magnetism (3.00)
- PHYS 206 Waves and Modern Physics (3.00)
- PHYS 224 Introductory Experimental Mechanics (1.00)
- PHYS 225 Introductory Experimental Electricity (1.00)
- PHYS 226 Introductory Experimental Waves and Modern Physics (1.00)

6 credits:

- CHEM 205 General Chemistry I (3.00)
- CHEM 206 General Chemistry II (3.00)

3 credits:

- BIOL 201 Introductory Biology (3.00)

Section 71.75.4 Honours Program

Notes

Students should refer to Section 16.2 Curriculum Regulations of the Calendar for academic regulations for the honours program. The following regulations are additional requirements for the Honours BCompSc in Health and Life Sciences.

1. Applications to enter an honours program must be submitted to the Office of the Associate Dean (Student Academic Services) at least three months before the start of the term in which the student wishes to enter an honours program.
2. Students must complete at least 30 credits towards their degree before entering an honours program.
3. Students must have a GPA of at least 3.30.
4. Students who are required to withdraw from an honours program may continue in the regular program provided they are in acceptable or conditional standing according to the academic regulations in Section 71.10.3 Academic Regulations.

Course Requirements for Honours Programs

Honours students must fulfill the requirements of the program. In addition, to receive an honours degree, students must:

1. have a final graduation GPA of at least 3.30;
2. successfully complete the course BIOL 368 and one of the Computer Science (COMP) courses listed below as part of their Health and Life Sciences Electives;
3. successfully complete one course from those listed under Project Courses: BCompSc in Health and Life Sciences below as part of their General Electives.

Computer Science Courses: BCompSc in Health and Life Sciences

- COMP 339 Combinatorics (3.00)
- COMP 353 Databases (4.00)
- COMP 465 Design and Analysis of Algorithms (3.00)
- COMP 479 Information Retrieval and Web Search (4.00)

Project Courses: BCompSc in Health and Life Sciences

- BIOL 490 Independent Study (6.00)
- COMP 490 Computer Science Project I (3.00)
- COMP 492 Computer Science Project II (3.00)
- COMP 493 Computational Biology Team Project (6.00)

Section 71.75.5 The Co-operative and C.Edge (Career Edge) Options

The Co-operative and C.Edge Options

For a full description of the Co-operative and C.Edge Options, please refer to Section 24 Institute for Co-operative Education and Section 71.70.7 C.Edge (Career Edge) Option and Reflective Learning Courses of this Calendar.

Undergraduate Program Regular Curriculum Change - GCS-ELEC-4001 - VERSION : 1

Summary and Rationale for Changes

Overview of Course Changes:

- COEN 243 is a core course in the Computer Engineering and Electrical Engineering program. The total laboratory hours have changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.
- COEN 311 is a core course in the Computer Engineering and Electrical Engineering program. The course description has been updated. The total laboratory hours have changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.
- COEN 313 is a core course in the Computer Engineering and Electrical Engineering program. The course description has been updated. The total laboratory hours have changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.
- New course COEN 314 is introduced. This course will be elective for Electrical Engineering program and will be in the core of Computer Engineering program.
- COEN 316 is a core course in the Computer Engineering program. The course description has been updated. The total laboratory hours have changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.
- COEN 317 is a core course in the Computer Engineering program. The course description has been updated. The total laboratory hours have changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.
- COEN 413 is a Technical Elective course in Hardware/Electronics /VLSI in the Computer Engineering Program list of electives and is a Technical Elective course in Computer Systems in the Electrical Engineering Program list of electives. The course description has been updated. Moreover, a lab was added to provide the students with hands on experience, thus increasing the total number of credits from 3.0 to 3.5 credits.
- New course COEN 414 as an elective course for Computer Engineering and Electrical Engineering programs is introduced.
- COEN 415 is deleted. Content of this course will be covered in COEN 314 and COEN 414 courses.
- COEN 432 The course title has been changed from Applied Evolutionary and Learning Algorithms to Applied Machine Learning and Evolutionary Algorithms, and the course content has been revised.
- ELEC 273 is an Engineering core course in the Computer Engineering and Electrical Engineering program. The total laboratory hours have changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.
- For ELEC 311 the number of hours of lab is decreased from 13 to 12 and course description is modified (see attached course change form). This course will be removed from Computer Engineering core and will be in the elective list of Computer Engineering.
- ELEC 342 is a core course in the Electrical Engineering program. The course description has been updated. The total laboratory hours have changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.
- ELEC 367 is a core course in the Electrical Engineering program. The course description has been updated. The total laboratory hours have changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.
- ELEC 442 The course title has been changed from Digital Signal Processing to Advance Signal Processing, and the course content has been revised to be cross-listed with ELEC 6651
- ELEC 447 is a new course which will be part of elective lists of Electrical Engineering Program and Computer Engineering Program.
- For ELEC 390 and COEN 390, the course description is changed and 3 hours of lecture per week is also added.
- For ELEC 351, a lab component of 12 hours is added and credit is increased to 3.5 credits (see attached course change form).

- CEAB has changed the requirements and now we can transfer more AUs from CEGEP studies and therefore, it is not required for Computer Engineering students to take two extra science courses to satisfy AU requirements for Natural Sciences.. Therefore, the department is removing the two science courses as well as the list of science courses from the core of Computer Engineering program.
- ELEC 321 is a science elective. Because the list of science courses is being removed, ELEC 321 is added to the list of Hardware/Electronics/VLSI Electives of the Computer Engineering program.
- As recommended by the CEAB visitors during their last visit, the course COEN/ELEC 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased (6 credits) to better reflect the actual workload.
- Due to the changes proposed above, the credits required for the electrical engineering core increases from 70 to 72.5 credits and the total electives of Electrical Engineering reduces from 19.5 to 17 credits.
- We removed the Computer Engineering Options. Presently the students in the Computer Engineering program can select one of the three options; Biological and Biomedical Engineering(BME), Pervasive Computing or General Stream. Based on statistics most of the students are taking the General Stream option. Therefore, the department has decided to remove the options and make the general stream as the only choice for students. With additional changes proposed above, students require to take 69.5 for the core and can take 20 credits of technical electives from the list of Computer Engineering Electives.

Undergraduate Program Regular Curriculum Change - GCS-ELEC-4001 - VERSION : 1

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice- Provost, Innovation in Teaching and Learning,
APC, 18 Nov 2022

Approved by:

Mourad Debbabi, Dean, GCS,
GCS Council, 30 Sep 2022

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Mourad Debbabi, Dean, GCS,
GCS Council, 30 Sep 2022

Approved by:

Ali Akgunduz, Associate Dean, Academic Programs and Undergraduate Activities,
ECSUSC, 13 Sep 2022

Summary of Committee Discussion: Department approval

For Submission to:

Ali Akgunduz, Associate Dean, Academic Programs and Undergraduate Activities,
ECSUSC, 13 Sep 2022

Approved by:

Yousef R. Shayan, Chair of ECE,
ECE Departmental Council, 12 Sep 2022

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
COEN 243 Programming Methodology I								X		
COEN 311 Computer Organization and Software				X				X		
COEN 313 Digital Systems Design II				X				X		
COEN 314 Digital Electronics I (New Course)	X	X	X	X	X		X	X	X	
COEN 316 Computer Architecture and Design				X				X		
COEN 317 Microprocessor-Based Systems				X				X		
COEN 390 Computer Engineering Product Design Project								X		
COEN 413 Hardware Functional Verification				X			X	X		
COEN 414 Digital Electronics II (New Course)	X	X	X	X	X		X	X	X	
COEN 415 Digital Electronics (Delete Course)	X	X	X	X	X		X	X	X	
COEN 432 Applied Machine Learning and Evolutionary Algorithms			X	X						
COEN 490 Capstone Computer Engineering Design Project							X	X		
ELEC 273 Basic				X				X		

Circuit Analysis										
ELEC 311 Electronics I				X				X		
ELEC 342 Discrete-Time Signals and Systems								X		
ELEC 351 Electromagnetic Waves and Guiding Structures				X	X		X	X		
ELEC 367 Introduction to Digital Communications				X				X		
ELEC 390 Electrical Engineering Product Design Project								X		
ELEC 442 Advanced Signal Processing (Cross listing with ELEC 6651)			X	X						X
ELEC 447 Video Processing and Recognition (New Course, cross listing with ELEC 6631)	X	X	X	X	X		X	X	X	X
ELEC 490 Capstone Electrical Engineering Design Project				X			X	X		

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
BEng in Electrical Engineering				X			
BEng in Computer Engineering				X			

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
Electrical Engineering Core (Required Credits Change from 70 to 72.5)		X	X

Electrical Engineering Electives (Required Credits Change from 19.5 to 17)		X	X
BEng in Electrical Engineering: Telecommunication Networks and Signal Processing Electives (Add ELEC 447)		X	
BEng in Electrical Engineering: Microdevices, Electronics and VLSI Electives (Add COEN 314 and COEN 414; Delete COEN 415)		X	
BEng in Electrical Engineering: Computer Systems Electives (Credit value change for COEN 413 and SOEN 341)		X	
BEng in Electrical Engineering: Biological and Biomedical Engineering Electives (Course title change for COEN 432)		X	
Computer Engineering Core (Required Credits Change from 72.5 to 69.5)		X	X
BEng in Computer Engineering: Science Electives (Delete Science Electives)	X	X	
BEng in Computer Engineering: Biological and Biomedical Engineering (BME) Option Delete	X	X	X
Biological and Biomedical Engineering (BME) Option Electives: Computer Engineering Delete	X	X	
BEng in Computer Engineering: Pervasive Computing Option Delete	X	X	X
Pervasive Computing Option Electives: Computer Engineering Delete	X	X	
BEng in Computer Engineering: General Stream Delete	X	X	X
General Stream Electives: Computer Engineering Delete	X	X	
Computer Engineering Electives (Required Credits Change from 17 to 20)		X	X
BEng in Computer Engineering: Hardware/Electronics/VLSI Electives (Add COEN 414 and ELEC 311, 321; Delete COEN 415)		X	
BEng in Computer Engineering: Software and System Design Electives (Changes made to COEN 432, SOEN 342 and SOEN 343)		X	
BEng in Computer Engineering: Biological and Biomedical Engineering Electives (Course title change for COEN 432)		X	
BEng in Computer Engineering: Computer Science and Programming Electives (Course title change for COEN 432)		X	
BEng in Computer Engineering: Telecommunication Networks and Signal Processing Electives (Add ELEC 447)		X	
Health and Life Sciences Electives Change		X	

Regulation Changes:

- BEng Computer Engineering: Options Delete

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: BEng in Electrical Engineering
Calendar Section Type: Program
Description of Change: BEng in Electrical Engineering

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering
Program Name: BEng in Electrical Engineering
Program Type: None
Degree: Bachelor/Baccalaureate of Engineering (BEng)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.1 Course Requirements (BEng in Electrical Engineering) > Degree Requirements

Type of Change: Program Change

Present Text (from 2021) calendar	**Proposed Text**
120 credits BEng in Electrical Engineering	**120 credits** BEng in Electrical Engineering
30.5 credits from the Engineering Core	30.5 credits from the Engineering Core
~~70~~ credits from the Electrical Engineering Core	72.5 credits from the Electrical Engineering Core
~~19.5~~ credits chosen from the Electrical Engineering Electives	17 credits chosen from the Electrical Engineering Electives

Rationale:
To improve hands-on experience of students, a lab component is added to ELEC 351 which increases the credit value to 3.5.

As recommended by the CEAB visitors during their last visit, the course ELEC 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased to better reflect the actual workload.

Due to the changes proposed above, the credits required for the electrical engineering core increases from 70 to 72.5 credits and the total electives of Electrical Engineering reduces from 19.5 to 17 credits.

Resource Implications:
None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Electrical Engineering Core

Calendar Section Type: Defined group

Description of Change: Electrical Engineering Core (Required Credits Change from 70 to 72.5)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.1 Course Requirements (BEng in Electrical Engineering) > Degree Requirements > BEng in Electrical Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~**70**~~ **credits**	Electrical Engineering Core	**72.5 credits**	Electrical Engineering Core
	COEN 212 Digital Systems Design I (3.5)		COEN 212 Digital Systems Design I (3.5)
	COEN 231 Introduction to Discrete Mathematics (3)		COEN 231 Introduction to Discrete Mathematics (3)
	COEN 243 Programming Methodology I (3.5)		COEN 243 Programming Methodology I (3.5)
	COEN 244 Programming Methodology II (3)		COEN 244 Programming Methodology II (3)
	COEN 311 Computer Organization and Software (3.5)		COEN 311 Computer Organization and Software (3.5)
	COEN 313 Digital Systems Design II (3.5)		COEN 313 Digital Systems Design II (3.5)
	COEN 352 Data Structures and Algorithms (3)		COEN 352 Data Structures and Algorithms (3)
	ELEC 242 Continuous-Time Signals and Systems (3)		ELEC 242 Continuous-Time Signals and Systems (3)
	ELEC 251 Fundamentals of Applied Electromagnetics (3)		ELEC 251 Fundamentals of Applied Electromagnetics (3)
	ELEC 311 Electronics I (3.5)		ELEC 311 Electronics I (3.5)
	ELEC 312 Electronics II (3.5)		ELEC 312 Electronics II (3.5)
	ELEC 321 Introduction to Semiconductor Materials and Devices (3.5)		ELEC 321 Introduction to Semiconductor Materials and Devices (3.5)
	ELEC 331 Fundamentals of Electrical Power Engineering (3.5)		ELEC 331 Fundamentals of Electrical Power Engineering (3.5)
	ELEC 342 Discrete-Time Signals and Systems (3.5)		ELEC 342 Discrete-Time Signals and Systems (3.5)
	ELEC 351 Electromagnetic Waves and Guiding Structures ~~(3)~~		ELEC 351 Electromagnetic Waves and Guiding Structures (3.5)
	ELEC 366 Telecommunication Networks (3.5)		ELEC 366 Telecommunication Networks (3.5)
	ELEC 367 Introduction to Digital Communications (3.5)		ELEC 367 Introduction to Digital Communications (3.5)
	ELEC 372 Fundamentals of Control Systems (3.5)		ELEC 372 Fundamentals of Control Systems (3.5)
	ELEC 390 Electrical Engineering Product Design Project (3)		ELEC 390 Electrical Engineering Product Design Project (3)

Present Text (from 2021) calendar	Proposed Text
ELEC 490 Capstone Electrical Engineering Design Project ~~(4)~~ ENGR 290 Introductory Engineering Team Design Project (3) Note: Students may replace ELEC 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.	ELEC 490 Capstone Electrical Engineering Design Project (6) ENGR 290 Introductory Engineering Team Design Project (3) Note: Students may replace ELEC 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.

Rationale:

To improve hands-on experience of students, a lab component is added to ELEC 351 which increases the credit value to 3.5.

As recommended by the CEAB visitors during their last visit, the course ELEC 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased to better reflect the actual workload.

Due to the changes proposed above, the credits required for the electrical engineering core increases from 70 to 72.5 credits and the total electives of Electrical Engineering reduces from 19.5 to 17 credits.

Resource Implications:

The existing Antenna and Microwave lab will be used for introduction of the laboratory for ELEC 351.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Electrical Engineering Electives
Calendar Section Type: Defined group
Description of Change: Electrical Engineering Electives (Required Credits Change from 19.5 to 17)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.1 Course Requirements (BEng in Electrical Engineering) > Degree Requirements > BEng in Electrical Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar	Proposed Text
~~19.5~~ **credits** Electrical Engineering Electives	**17 credits** Electrical Engineering Electives
~~Students must complete at least 19.5~~ credits from the ~~list~~ below. Courses are listed in groups to facilitate course selection. With adequate academic justification and with permission of the Department, students may take one technical elective course from the Computer Engineering Electives.	17 credits minimum chosen from the lists below. Courses are listed in groups to facilitate course selection. With adequate academic justification and with permission of the Department, students may take one technical elective course from the Computer Engineering Electives.
A. Telecommunication Networks and Signal Processing Electives: Electrical Engineering B. Microdevices, Electronics and VLSI Electives: Electrical Engineering	A. Telecommunication Networks and Signal Processing Electives: Electrical Engineering B. Microdevices, Electronics and VLSI Electives: Electrical Engineering
C. Power and Renewable Energy Systems Electives: Electrical Engineering	C. Power and Renewable Energy Systems Electives: Electrical Engineering
D. Controls, Robotics and Avionics Electives: Electrical Engineering	D. Controls, Robotics and Avionics Electives: Electrical Engineering
E. Waves and Electromagnetics Electives: Electrical Engineering	E. Waves and Electromagnetics Electives: Electrical Engineering
F. Computer Systems Electives: Electrical Engineering	F. Computer Systems Electives: Electrical Engineering
G. Biological and Biomedical Engineering Electives: Electrical Engineering	G. Biological and Biomedical Engineering Electives: Electrical Engineering
H. Other Electives: Electrical Engineering	H. Other Electives: Electrical Engineering

Present Text (from 2021) calendar **Proposed Text**

Rationale:

To improve hands-on experience of students, a lab component is added to ELEC 351 which increases the credit value to 3.5.

As recommended by the CEAB visitors during their last visit, the course ELEC 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased to better reflect the actual workload.

Due to the changes proposed above, the credits required for the electrical engineering core increases from 70 to 72.5 credits and the total electives of Electrical Engineering reduces from 19.5 to 17 credits.

Resource Implications:

The existing Antenna and Microwave lab will be used for introduction of the laboratory for ELEC 351.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Telecommunication Networks and Signal Processing Electives: Electrical Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Electrical Engineering: Telecommunication Networks and Signal Processing Electives (Add ELEC 447)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.1 Course Requirements (BEng in Electrical Engineering) > Degree Requirements > BEng in Electrical Engineering > Electrical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Telecommunication Networks and Signal Processing Electives: Electrical Engineering	**credits**	Telecommunication Networks and Signal Processing Electives: Electrical Engineering
COEN 446 Internet of Things (3) COEN 447 Software-Defined Networking (3) ELEC 442 ~~Digital~~ Signal Processing (3) ELEC 464 Wireless Communications (3) ELEC 465 Networks Security and Management (3.5) ELEC 466 Introduction to Optical Communication Systems (3.5) ELEC 470 Broadcast Signal Transmission (3) ELEC 472 Advanced Telecommunication Networks (3.5)		COEN 446 Internet of Things (3) COEN 447 Software-Defined Networking (3) ELEC 442 Advanced Signal Processing (3) ELEC 447 Video Processing and Recognition (3) ELEC 464 Wireless Communications (3) ELEC 465 Networks Security and Management (3.5) ELEC 466 Introduction to Optical Communication Systems (3.5) ELEC 470 Broadcast Signal Transmission (3) ELEC 472 Advanced Telecommunication Networks (3.5)

Rationale:

New course ELEC 447 added to the electives list.

The course title of ELEC 442 is updated to reflect the content of the course.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Microdevices, Electronics and VLSI Electives: Electrical Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Electrical Engineering: Microdevices, Electronics and VLSI Electives (Add COEN 314 and COEN 414; Delete COEN 415)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.1 Course Requirements (BEng in Electrical Engineering) > Degree Requirements > BEng in Electrical Engineering > Electrical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Microdevices, Electronics and VLSI Electives: Electrical Engineering	**credits**	Microdevices, Electronics and VLSI Electives: Electrical Engineering
COEN ~~415~~ Digital Electronics (3.5) COEN 451 VLSI Circuit Design (4) ELEC 413 Mixed-Signal VLSI for Communication Systems (4) ELEC 421 Solid State Devices (3.5) ELEC 422 Design of Integrated Circuit Components (3.5) ELEC 423 Introduction to Analog VLSI (4) ELEC 424 VLSI Process Technology (3.5) ELEC 425 Optical Devices for High-Speed Communications (3.5) ELEC 441 Modern Analog Filter Design (3.5)		COEN 314 Digital Electronics I (3.5) COEN 414 Digital Electronics II (3.5) COEN 451 VLSI Circuit Design (4) ELEC 413 Mixed-Signal VLSI for Communication Systems (4) ELEC 421 Solid State Devices (3.5) ELEC 422 Design of Integrated Circuit Components (3.5) ELEC 423 Introduction to Analog VLSI (4) ELEC 424 VLSI Process Technology (3.5) ELEC 425 Optical Devices for High-Speed Communications (3.5) ELEC 441 Modern Analog Filter Design (3.5)

Rationale:

New course COEN 314 is introduced. It will be added to the core of Computer Engineering program and elective for Electrical Engineering program.

New course COEN 414 as an elective course for Computer Engineering and Electrical Engineering programs is introduced.

Resource Implications:

None. Laboratory of Electronics will be used.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Computer Systems Electives: Electrical Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Electrical Engineering: Computer Systems Electives (Credit value change for COEN 413 and SOEN 341)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.1 Course Requirements (BEng in Electrical Engineering) > Degree Requirements > BEng in Electrical Engineering > Electrical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Computer Systems Electives: Electrical Engineering	**credits**	Computer Systems Electives: Electrical Engineering
COEN 316 Computer Architecture and Design (3.5)		COEN 316 Computer Architecture and Design (3.5)
COEN 317 Microprocessor-Based Systems (3.5)		COEN 317 Microprocessor-Based Systems (3.5)
COEN 320 Introduction to Real-Time Systems (3)		COEN 320 Introduction to Real-Time Systems (3)
COEN 346 Operating Systems (3.5)		COEN 346 Operating Systems (3.5)
COEN 413 Hardware Functional Verification ~~(3)~~		COEN 413 Hardware Functional Verification (3.5)
COEN 421 Embedded Systems Design (4)		COEN 421 Embedded Systems Design (4)
COEN 424 Programming on the Cloud (3)		COEN 424 Programming on the Cloud (3)
COEN 448 Software Testing and Validation (3.5)		COEN 448 Software Testing and Validation (3.5)
SOEN 341 Software Process and Practices ~~(3)~~		SOEN 341 Software Process and Practices (4)

Rationale:

A laboratory component was added to provide the students with hands on experience, thus increasing the total number of credits from 3.0 to 3.5 credits for COEN 413.

The credit weight of SOEN 341 is being increased from 3 to 4 credits due to adding a lab (course change proposal submitted concurrently by the Dept of Ccomputer Science and Software Engineering).

Resource Implications:

None. No extra software or hardware are required for COEN 413 as the general computer lab will be used.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Biological and Biomedical Engineering Electives: Electrical Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Electrical Engineering: Biological and Biomedical Engineering Electives (Course title change for COEN 432)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.1 Course Requirements (BEng in Electrical Engineering) > Degree Requirements > BEng in Electrical Engineering > Electrical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Biological and Biomedical Engineering Electives: Electrical Engineering	**credits**	Biological and Biomedical Engineering Electives: Electrical Engineering
COEN 432 Applied Evolutionary ~~and Learning~~ Algorithms (3) COEN 433 Biological Computing and Synthetic Biology (3) COEN 434 Microfluidic Devices for Synthetic Biology (3) ELEC 444 Medical Image Processing (3) ELEC 445 Biological Signal Processing (3)		COEN 432 Applied Machine Learning and Evolutionary Algorithms (3) COEN 433 Biological Computing and Synthetic Biology (3) COEN 434 Microfluidic Devices for Synthetic Biology (3) ELEC 444 Medical Image Processing (3) ELEC 445 Biological Signal Processing (3)

Rationale:

The course title of COEN 432 is updated to reflect the content of the course.

Resource Implications:

None.

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: BEng in Computer Engineering
Calendar Section Type: Program
Description of Change: BEng in Computer Engineering

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering
Program Name: BEng in Computer Engineering
Program Type: None
Degree: Bachelor/Baccalaureate of Computer Science (BCompsc)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements

Type of Change: Program Change

Present Text (from 2021) calendar	**Proposed Text**
120 credits BEng in Computer Engineering	**120 credits** BEng in Computer Engineering
30.5 credits from the Engineering Core	30.5 credits from the Engineering Core
~~72.5~~ credits from the Computer Engineering Core	69.5 credits from the Computer Engineering Core
~~17~~ credits ~~chosen~~ from ~~one of~~ the ~~following:~~ ~~Biological and Biomedical Engineering (BME) Option~~ ~~Pervasive Computing Option~~ ~~General Stream:~~ Computer Engineering	20 credits from the Computer Engineering Electives

Rationale:

Computer Engineering Core:

New course COEN 314 is introduced. It will be added to the core of Computer Engineering program and elective for Electrical Engineering program.

For ELEC 311 the number of hours of lab is decreased from 13 to 12 and course description is modified. This course will be removed from Computer Engineering core and will be in the elective list of Computer Engineering.

CEAB has changed the requirements and now we can transfer more AUs from CEGEP studies and therefore, it is not required for Computer Engineering students to take two extra science courses to satisfy AU requirements for Natural Sciences.

As recommended by the CEAB visitors during their last visit, the course COEN 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased to better reflect the actual workload.

The credit weight of SOEN 341 is being increased from 3 to 4 credits due to adding a lab (course change proposal submitted concurrently by the Dept of CSSE).

Thus, students must complete 69.5 credits for the Computer Engineering Core.

Computer Engineering Electives:

The department is removing all the options as well as the science electives from the Computer Engineering program.

As recommended by the CEAB visitors during their last visit, the course COEN 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased to better reflect the actual workload.

Thus, students must complete 20 credits of technical electives from the Computer Engineering Electives list.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Computer Engineering Core

Calendar Section Type: Defined group

Description of Change: Computer Engineering Core (Required Credits Change from 72.5 to 69.5)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar	Proposed Text
~~72.5~~ **credits** Computer Engineering Core	**69.5 credits** Computer Engineering Core
~~66.5~~ credits: COEN 212 Digital Systems Design I (3.5) COEN 231 Introduction to Discrete Mathematics (3) COEN 243 Programming Methodology I (3.5) COEN 244 Programming Methodology II (3) COEN 311 Computer Organization and Software (3.5) COEN 313 Digital Systems Design II (3.5) COEN 316 Computer Architecture and Design (3.5) COEN 317 Microprocessor-Based Systems (3.5) COEN 320 Introduction to Real-Time Systems (3) COEN 346 Operating Systems (3.5) COEN 352 Data Structures and Algorithms (3) COEN 366 Communication Networks and Protocols (3.5) COEN 390 Computer Engineering Product Design Project (3) COEN 490 Capstone Computer Engineering Design Project ~~(4)~~ ELEC 242 Continuous-Time Signals and Systems (3) ELEC ~~311 Electronics I (3.5)~~ ~~ELEC~~ 342 Discrete-Time Signals and Systems (3.5) ELEC 372 Fundamentals of Control Systems (3.5)	69.5 credits: COEN 212 Digital Systems Design I (3.5) COEN 231 Introduction to Discrete Mathematics (3) COEN 243 Programming Methodology I (3.5) COEN 244 Programming Methodology II (3) COEN 311 Computer Organization and Software (3.5) COEN 313 Digital Systems Design II (3.5) COEN 314 Digital Electronics I (3.5) COEN 316 Computer Architecture and Design (3.5) COEN 317 Microprocessor-Based Systems (3.5) COEN 320 Introduction to Real-Time Systems (3) COEN 346 Operating Systems (3.5) COEN 352 Data Structures and Algorithms (3) COEN 366 Communication Networks and Protocols (3.5) COEN 390 Computer Engineering Product Design Project (3) COEN 490 Capstone Computer Engineering Design Project (6) ELEC 242 Continuous-Time Signals and Systems (3) ELEC 342 Discrete-Time Signals and Systems (3.5) ELEC 372 Fundamentals of Control Systems (3.5)

Present Text (from 2021) calendar	Proposed Text
ENGR 290 Introductory Engineering Team Design Project (3) SOEN 341 Software Process and Practices ~~(3)~~	ENGR 290 Introductory Engineering Team Design Project (3) SOEN 341 Software Process and Practices (4)
Note: Students may replace COEN 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term. ~~6 credits of Science Electives: Computer Engineering chosen from the list below.~~ ~~If a student takes 6.5 credits of Science Electives, the additional 0.5 credits will be counted towards the credits in the Computer Engineering Electives list.~~	Note: Students may replace COEN 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.

Rationale:

New course COEN 314 is introduced. It will be added to the core of Computer Engineering program and elective for Electrical Engineering program.

For ELEC 311 the number of hours of lab is decreased from 13 to 12 and course description is modified. This course will be removed from Computer Engineering core and will be in the elective list of Computer Engineering.

CEAB has changed the requirements and now we can transfer more AUs from CEGEP studies and therefore, it is not required for Computer Engineering students to take two extra science courses to satisfy AU requirements for Natural Sciences.

As recommended by the CEAB visitors during their last visit, the course COEN 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased to better reflect the actual workload.

A laboratory component is being added to SOEN 341 by the Department of Computer Science and Software Engineering in dossier COMP-5126.

Thus, students must complete 69.5 credits for the Computer Engineering Core.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Science Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: Science Electives (Delete Science Electives)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Computer Engineering Core

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~Science Electives: Computer Engineering~~ ~~BIOL 206 Elementary Genetics (3)~~ ~~BIOL 261 Molecular and General Genetics (3)~~ ~~BIOL 266 Cell Biology (3)~~ ~~CHEM 217 Introductory Analytical Chemistry I (3)~~ ~~CHEM 221 Introductory Organic Chemistry I (3)~~ ~~ELEC 321 Introduction to Semiconductor Materials and Devices (3.5)~~ ~~MIAE 221 Materials Science (3)~~ ~~PHYS 252 Optics (3)~~ ~~PHYS 284 Introduction to Astronomy (3)~~ ~~PHYS 367 Modern Physics and Relativity (3)~~ ~~PHYS 443 Quantitative Human Systems Physiology (3)~~ ~~PHYS 445 Principles of Medical Imaging (3)~~	

Rationale:

CEAB has changed the requirements and now we can transfer more AUs from CEGEP studies and therefore, it is not required for Computer Engineering students to take two extra science courses to satisfy AU requirements for Natural Sciences.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Options

Calendar Section Type: Regulation

Description of Change: BEng Computer Engineering: Options Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Type of change: Regulation Deletion

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering

Present Text (from 2021) calendar	Proposed Text
~~Options~~ ~~Students may choose one of the following options:~~ ~~Biological and Biomedical Engineering (BME) Option~~ ~~Pervasive Computing Option~~ ~~General Stream: Computer Engineering~~	

Rationale:

Based on statistics, most of the students are taking the General Stream option. Thus, the department is removing all the options from Computer Engineering program.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Biological and Biomedical Engineering (BME) Option

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: Biological and Biomedical Engineering (BME) Option Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Options

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~17~~ **credits** ~~Biological and Biomedical Engineering (BME) Option~~ ~~17 credits minimum of elective courses from the following lists:~~ ~~Biological and Biomedical Engineering (BME) Option Electives: Computer Engineering~~ ~~Computer Engineering Electives~~ ~~At least 15 credits must be taken from the Biological and Biomedical Engineering (BME) Option Electives: Computer Engineering~~ ~~At least two courses must be chosen from the following four courses:~~ ~~COEN 433 Biological Computing and Synthetic Biology (3)~~ ~~COEN 434 Microfluidic Devices for Synthetic Biology (3)~~ ~~ELEC 444 Medical Image Processing (3)~~ ~~ELEC 445 Biological Signal Processing (3)~~ ~~Not more than one science course (BIOL or PHYS) may be taken.~~	

Rationale:

Based on statistics, most of the students are taking the General Stream option. Thus, the department is removing all the options from Computer Engineering program.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Biological and Biomedical Engineering (BME) Option Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: Biological and Biomedical Engineering (BME) Option Electives: Computer Engineering Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 Jan 0001

Effective/Push to SIS date: 01 Jan 0001

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Options > Biological and Biomedical Engineering (BME) Option

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~Biological and Biomedical Engineering (BME) Option Electives: Computer Engineering~~ ~~BIOL 367 Molecular Biology (3)~~ ~~COEN 432 Applied Evolutionary and Learning Algorithms (3)~~ ~~COEN 433 Biological Computing and Synthetic Biology (3)~~ ~~COEN 434 Microfluidic Devices for Synthetic Biology (3)~~ ~~ELEC 442 Digital Signal Processing (3)~~ ~~ELEC 444 Medical Image Processing (3)~~ ~~ELEC 445 Biological Signal Processing (3)~~ ~~PHYS 260 Introductory Biophysics (3)~~	

Rationale:

Based on statistics, most of the students are taking the General Stream option. Thus, the department is removing all the options from Computer Engineering program.

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Pervasive Computing Option

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: Pervasive Computing Option Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Options

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~17~~ **credits** ~~Pervasive Computing Option~~ ~~17 credits of elective courses chosen from the following lists:~~ ~~Pervasive Computing Option Electives: Computer Engineering~~ ~~Computer Engineering Electives~~ ~~At least 15 credits must be taken from the Pervasive Computing Option Electives: Computer Engineering .~~ ~~At least two courses must be chosen from the following four courses:~~ ~~COEN 421 Embedded Systems Design (4)~~ ~~COEN 422 Foundations of Cyber-Physical Systems (3)~~ ~~COEN 424 Programming on the Cloud (3)~~ ~~COEN 446 Internet of Things (3)~~	

Rationale:

Based on statistics, most of the students are taking the General Stream option. Thus, the department is removing all the options from Computer Engineering program.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Pervasive Computing Option Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: Pervasive Computing Option Electives: Computer Engineering Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 Jan 0001

Effective/Push to SIS date: 01 Jan 0001

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Options > Pervasive Computing Option

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~Pervasive Computing Option Electives: Computer Engineering~~ ~~COEN 421 Embedded Systems Design (4)~~ ~~COEN 422 Foundations of Cyber-Physical Systems (3)~~ ~~COEN 424 Programming on the Cloud (3)~~ ~~COEN 446 Internet of Things (3)~~ ~~COEN 447 Software-Defined Networking (3)~~ ~~ELEC 367 Introduction to Digital Communications (3.5)~~ ~~ELEC 472 Advanced Telecommunication Networks (3.5)~~ ~~SOEN 321 Information Systems Security (3)~~	

Rationale:

Based on statistics, most of the students are taking the General Stream option. Thus, the department is removing all the options from Computer Engineering program.

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: General Stream: Computer Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: General Stream Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Options

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~17~~ **credits** ~~General Stream: Computer Engineering~~ ~~3 credits minimum from the General Stream Electives: Computer Engineering~~ ~~14 credits minimum from the Computer Engineering Electives~~	

Rationale:

Based on statistics, most of the students are taking the General Stream option. Thus, the department is removing all the options from Computer Engineering program.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: General Stream Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: General Stream Electives: Computer Engineering Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 Jan 0001

Effective/Push to SIS date: 01 Jan 0001

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Options > General Stream: Computer Engineering

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~General Stream Electives: Computer Engineering~~ ~~COEN 413 Hardware Functional Verification (3)~~ ~~COEN 448 Software Testing and Validation (3.5)~~ ~~SOEN 321 Information Systems Security (3)~~	

Rationale:

Based on statistics, most of the students are taking the General Stream option. Thus, the department is removing all the options from Computer Engineering program.

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Computer Engineering Electives

Calendar Section Type: Defined group

Description of Change: Computer Engineering Electives (Required Credits Change from 17 to 20)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Computer Engineering Electives	**20 credits**	Computer Engineering Electives
Courses are listed in groups to facilitate course selection. With adequate academic justification and with permission of the Department, students may take one technical elective course from the Electrical Engineering Electives.		Students must complete 20 credits of Technical Electives from the Computer Engineering Electives list. Courses are listed in groups to facilitate course selection. With adequate academic justification and with permission of the Department, students may take one technical elective course from the Electrical Engineering Electives.
A. Hardware/Electronics/VLSI Electives: Computer Engineering		A. Hardware/Electronics/VLSI Electives: Computer Engineering
B. Software and System Design Electives: Computer Engineering		B. Software and System Design Electives: Computer Engineering
C. Biological and Biomedical Engineering Electives: Computer Engineering		C. Biological and Biomedical Engineering Electives: Computer Engineering
D. Computer Science and Programming Electives: Computer Engineering		D. Computer Science and Programming Electives: Computer Engineering
E. Telecommunication Networks and Signal Processing Electives: Computer Engineering		E. Telecommunication Networks and Signal Processing Electives: Computer Engineering
F. Controls, Robotics and Avionics Electives: Computer Engineering		F. Controls, Robotics and Avionics Electives: Computer Engineering
G. Other Electives: Computer Engineering		G. Other Electives: Computer Engineering

Rationale:

The department is removing all the options as well as the science electives from the Computer Engineering program. Due to the additional changes made in the Computer Engineering Core, students must complete 20 credits of technical electives from the Computer Engineering Electives list.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Hardware/Electronics/VLSI Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: Hardware/Electronics/VLSI Electives (Add COEN 414 and ELEC 311, 321; Delete COEN 415)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Computer Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Hardware/Electronics/VLSI Electives: Computer Engineering	**credits**	Hardware/Electronics/VLSI Electives: Computer Engineering
COEN 413 Hardware Functional Verification ~~(3)~~		COEN 413 Hardware Functional Verification (3.5)
COEN ~~415~~ Digital Electronics (3.5)		COEN 414 Digital Electronics II (3.5)
COEN 451 VLSI Circuit Design (4)		COEN 451 VLSI Circuit Design (4)
ELEC 312 Electronics II (3.5)		ELEC 311 Electronics I (3.5)
ELEC 413 Mixed-Signal VLSI for Communication Systems (4)		ELEC 312 Electronics II (3.5)
ELEC 423 Introduction to Analog VLSI (4)		ELEC 321 Introduction to Semiconductor Materials and Devices (3.5)
		ELEC 413 Mixed-Signal VLSI for Communication Systems (4)
		ELEC 423 Introduction to Analog VLSI (4)

Rationale:

A laboratory component is added to COEN 413 and the credits are increased to 3.5.

New course COEN 414 as an elective course for Computer Engineering and Electrical Engineering programs is introduced.

For ELEC 311 the number of hours of lab is decreased from 13 to 12 and course description is modified (see attached course change form). This course will be removed from Computer Engineering core and will be in the elective list of Computer Engineering.

ELEC 321 is an science elective. Because the list of science courses is being removed, ELEC 321 is added to the list of Hardware/Electronics/VLSI Electives of the Computer Engineering program.

Resource Implications:

None. Laboratory of Electronics will be used for COEN 414.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Software and System Design Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: Software and System Design Electives (Changes made to COEN 432, SOEN 342 and SOEN 343)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Computer Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Software and System Design Electives: Computer Engineering	**credits**	Software and System Design Electives: Computer Engineering
COEN 421 Embedded Systems Design (4)		0 COEN 421 Embedded Systems Design (4)
COEN 422 Foundations of Cyber-Physical Systems (3)		COEN 422 Foundations of Cyber-Physical Systems (3)
COEN 432 Applied ~~Evolutionary and~~ Learning Algorithms (3)		COEN 432 Applied Machine Learning and Evolutionary Algorithms (3)
COEN 448 Software Testing and Validation (3.5)		COEN 448 Software Testing and Validation (3.5)
SOEN 321 Information Systems Security (3)		SOEN 321 Information Systems Security (3)
SOEN 342 Software Requirements and Deployment ~~(3)~~		SOEN 342 Software Requirements and Deployment (4)
SOEN 343 Software Architecture and Design ~~(3)~~		SOEN 343 Software Architecture and Design (4)
SOEN 344 Advanced Software Architecture and Design (3)		SOEN 344 Advanced Software Architecture and Design (3)
SOEN 357 User Interface Design (3)		SOEN 357 User Interface Design (3)
SOEN 448 Management of Evolving Systems (3)		SOEN 448 Management of Evolving Systems (3)

Rationale:

The course title of COEN 432 is updated to reflect the content of the course.

A laboratory component is being added to SOEN 342 and SOEN 343 by the Department of Computer Science and Software Engineering in dossier COMP-5126.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Biological and Biomedical Engineering Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: Biological and Biomedical Engineering Electives (Course title change for COEN 432)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Computer Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Biological and Biomedical Engineering Electives: Computer Engineering	**credits**	Biological and Biomedical Engineering Electives: Computer Engineering
COEN 432 Applied ~~Evolutionary and~~ Learning Algorithms (3)		0 COEN 432 Applied Machine Learning and Evolutionary Algorithms (3)
COEN 433 Biological Computing and Synthetic Biology (3)		COEN 433 Biological Computing and Synthetic Biology (3)
COEN 434 Microfluidic Devices for Synthetic Biology (3)		COEN 434 Microfluidic Devices for Synthetic Biology (3)
ELEC 444 Medical Image Processing (3)		ELEC 444 Medical Image Processing (3)
ELEC 445 Biological Signal Processing (3)		ELEC 445 Biological Signal Processing (3)

Rationale:

The course title of COEN 432 is updated to reflect the content of the course.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Computer Science and Programming Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: Computer Science and Programming Electives (Course title change for COEN 432)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Computer Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Computer Science and Programming Electives: Computer Engineering	**credits**	Computer Science and Programming Electives: Computer Engineering
COEN 424 Programming on the Cloud (3) COEN 432 Applied Evolutionary ~~and Learning~~ Algorithms (3) COMP 335 Introduction to Theoretical Computer Science (3) COMP 353 Databases (4) COMP 371 Computer Graphics (4) COMP 426 Multicore Programming (4) COMP 428 Parallel Programming (4) COMP 442 Compiler Design (4) COMP 451 Database Design (4) COMP 472 Artificial Intelligence (4) COMP 474 Intelligent Systems (4)		COEN 424 Programming on the Cloud (3) COEN 432 Applied Machine Learning and Evolutionary Algorithms (3) COMP 335 Introduction to Theoretical Computer Science (3) COMP 353 Databases (4) COMP 371 Computer Graphics (4) COMP 426 Multicore Programming (4) COMP 428 Parallel Programming (4) COMP 442 Compiler Design (4) COMP 451 Database Design (4) COMP 472 Artificial Intelligence (4) COMP 474 Intelligent Systems (4)

Rationale:

The course title of COEN 432 is updated to reflect the content of the course.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Telecommunication Networks and Signal Processing Electives: Computer Engineering

Calendar Section Type: Defined group

Description of Change: BEng in Computer Engineering: Telecommunication Networks and Signal Processing Electives (Add ELEC 447)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.30 Department of Electrical and Computer Engineering > Section 71.30.2 Course Requirements (BEng in Computer Engineering) > Degree Requirements > BEng in Computer Engineering > Computer Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Telecommunication Networks and Signal Processing Electives: Computer Engineering	**credits**	Telecommunication Networks and Signal Processing Electives: Computer Engineering
COEN 446 Internet of Things (3) COEN 447 Software-Defined Networking (3) ELEC 367 Introduction to Digital Communications (3.5) ELEC 442 ~~Digital~~ Signal Processing (3) ELEC 465 Networks Security and Management (3.5) ELEC 470 Broadcast Signal Transmission (3) ELEC 472 Advanced Telecommunication Networks (3.5)		0 COEN 446 Internet of Things (3) COEN 447 Software-Defined Networking (3) ELEC 367 Introduction to Digital Communications (3.5) ELEC 442 Advanced Signal Processing (3) ELEC 447 Video Processing and Recognition (3) ELEC 465 Networks Security and Management (3.5) ELEC 470 Broadcast Signal Transmission (3) ELEC 472 Advanced Telecommunication Networks (3.5)

Rationale:

New course ELEC 447 added to the electives list.

The course title of ELEC 442 is updated to reflect the content of the course.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: Health and Life Sciences Electives

Calendar Section Type: Defined group

Description of Change: Health and Life Sciences Electives Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 Jan 0001

Effective/Push to SIS date: 01 Jan 0001

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.75 Computer Science in Health and Life Sciences > Section 71.75.1 Curriculum for the Degree of BCompSc in Health and Life Sciences > Section 71.75.2 Degree Requirements > BCompSc in Health and Life Sciences

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
12 credits	Health and Life Sciences Electives	**12 credits**	Health and Life Sciences Electives
	12 credits chosen from:		12 credits chosen from:
	BIOL 226 Biodiversity and Ecology (3)		BIOL 226 Biodiversity and Ecology (3)
	BIOL 364 Cell Physiology (3)		BIOL 364 Cell Physiology (3)
	BIOL 368 Genetics and Cell Biology Laboratory (3)		BIOL 368 Genetics and Cell Biology Laboratory (3)
	BIOL 422 Advanced Statistics for Biological Sciences (3)		BIOL 422 Advanced Statistics for Biological Sciences (3)
	BIOL 461 Advanced Genetics (3)		BIOL 461 Advanced Genetics (3)
	BIOL 466 Advanced Techniques in Molecular Biology (3)		BIOL 466 Advanced Techniques in Molecular Biology (3)
	BIOL 475 Biological Computing and Synthetic Biology (3)		BIOL 475 Biological Computing and Synthetic Biology (3)
	BIOL 480 Bioinformatics (3)		BIOL 480 Bioinformatics (3)
	BIOL 482 Functional Genomics (3)		BIOL 482 Functional Genomics (3)
	BIOL 484 Industrial and Environmental Biotechnology (3)		BIOL 484 Industrial and Environmental Biotechnology (3)
	BIOL 485 Agriculture and Agri-Food Biotechnology (3)		BIOL 485 Agriculture and Agri-Food Biotechnology (3)
	BIOL 486 High-throughput Instrumentation (3)		BIOL 486 High-throughput Instrumentation (3)
	COEN 432 Applied Evolutionary ~~and Learning~~ Algorithms (3)		COEN 432 Applied Machine Learning and Evolutionary Algorithms (3)
	COEN 433 Biological Computing and Synthetic Biology (3)		COEN 433 Biological Computing and Synthetic Biology (3)
	COEN 434 Microfluidic Devices for Synthetic Biology (3)		COEN 434 Microfluidic Devices for Synthetic Biology (3)
	COMP 339 Combinatorics (3)		COMP 339 Combinatorics (3)
	COMP 353 Databases (4)		COMP 353 Databases (4)
	COMP 361 Elementary Numerical Methods (3)		COMP 361 Elementary Numerical Methods (3)
	COMP 465 Design and Analysis of Algorithms (3)		COMP 465 Design and Analysis of Algorithms (3)

Present Text (from 2021) calendar	Proposed Text
COMP 472 Artificial Intelligence (4) COMP 478 Image Processing (4) COMP 479 Information Retrieval and Web Search (4) COMP 493 Computational Biology Team Project (6) ENGR 213 Applied Ordinary Differential Equations (3) ENGR 411 Special Technical Report (1) SOEN 287 Web Programming (3) SOEN 387 Web-Based Enterprise Application Design (3)	COMP 472 Artificial Intelligence (4) COMP 478 Image Processing (4) COMP 479 Information Retrieval and Web Search (4) COMP 493 Computational Biology Team Project (6) ENGR 213 Applied Ordinary Differential Equations (3) ENGR 411 Special Technical Report (1) SOEN 287 Web Programming (3) SOEN 387 Web-Based Enterprise Application Design (3)
Note: Electives may also be taken from amongst 300-level and 400-level courses in BIOL, COEN, COMP, SOEN with permission of the Department.	Note: Electives may also be taken from amongst 300-level and 400-level courses in BIOL, COEN, COMP, SOEN with permission of the Department.
Note: Students missing one credit of the 90 credits to graduate may take ENGR 411 Special Technical Report (1 credit).	Note: Students missing one credit of the 90 credits to graduate may take ENGR 411 Special Technical Report (1 credit).

Rationale:

The title change to COEN 432 is updated in the Health and Life Sciences Electives.

Resource Implications:

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 243

Calendar Section Type: Course

Description of Change: COEN 243 Programming Methodology I

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 243 Programming Methodology I (3.5 credits)	COEN 243 Programming Methodology I (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: MATH 204 (Cegep Mathematics 105).	The following course must be completed previously: MATH 204 (Cegep Mathematics 105).
Description :	*Description :*
This course is an introduction to computers and programming paradigms. Essential topics from procedural programming languages are discussed such as key elements, reserved words and identifiers, data types and declarations, statements, arithmetic expressions, and different modes of execution. The course covers flow control using If-Else and Switch statements, repetition using loops, recursive functions, pointers, references and dynamic data structures and function pointer. The course material also includes Lambda expression, data structures, built-in arrays, template arrays and vectors, n-dimensional vectors, sorting and searching. Students learn object-oriented programming, user-defined classes, class attributes and methods, object creation, use and destruction. Students are also introduced to exception handling and UML class diagrams.	This course is an introduction to computers and programming paradigms. Essential topics from procedural programming languages are discussed such as key elements, reserved words and identifiers, data types and declarations, statements, arithmetic expressions, and different modes of execution. The course covers flow control using If-Else and Switch statements, repetition using loops, recursive functions, pointers, references and dynamic data structures and function pointer. The course material also includes Lambda expression, data structures, built-in arrays, template arrays and vectors, n-dimensional vectors, sorting and searching. Students learn object-oriented programming, user-defined classes, class attributes and methods, object creation, use and destruction. Students are also introduced to exception handling and UML class diagrams.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory (12 hours total)
Notes :	*Notes :*
Anti-requisite Courses : Students who have received credit for COMP 248 , MIAE 215 or MECH 215 may not take this course for credit.	**Anti-requisite Courses :** Students who have received credit for COMP 248 , MIAE 215 or MECH 215 may not take this course for credit.

Rationale:

The total laboratory hours has been changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.

Resource Implications:

None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 311
Calendar Section Type: Course
Description of Change: COEN 311 Computer Organization and Software

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 311 Computer Organization and Software (3.5 credits)	COEN 311 Computer Organization and Software (3.5 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: COEN 212 , COEN 243 .	The following courses must be completed previously: COEN 212 , COEN 243 .
Description :	*Description :*
~~Introduction~~ and ~~terminology. Review of~~ data representation and ~~arithmetic. Floating~~ point representation ~~arithmetic. Functional units: CPU, memory, I/O, computer operation. Machine programming fundamentals: instruction structure, addressing modes,~~ the ~~assembly process, examples of architectures. Case study~~ of a ~~microprocessor architecture: programming model, assembler~~ and addressing modes, instruction ~~set~~ and ~~formats;~~ programming ~~examples. Stacks, subroutines, macros, exceptions, interrupts.~~	First, introduction and terminologies are presented. A review on data representation including fixed point and floating - point formats and arithmetic operations are given. Next, the students get familiar with basic components of a processor. This includes Arithmetic and Logical Unit (ALU), registers, memory, Input/ Output (I/Os) devices and bus. The addressing modes, instructions encoding and instruction execution steps and its relationship with the hardware are explained. Next, arithmetic, logical, shift/rotate, control and branch instructions are discussed. Gradually, the students also learn the basics of assembly language programming and learn how to develop programs for various problems. Furthermore, advanced topics such as stack, macro, subroutine, and interrupt are presented and practiced through examples and discussions.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*

Rationale:
Course Description has been updated. The total laboratory hours has been changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.

Resource Implications:
None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 313
Calendar Section Type: Course
Description of Change: COEN 313 Digital Systems Design II

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 313 Digital Systems Design II (3.5 credits)	COEN 313 Digital Systems Design II (3.5 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: COEN 212 , COEN 231 .	The following courses must be completed previously: COEN 212 , COEN 231 .
Description :	*Description :*
~~Two-level~~ and ~~multi-level logic optimization techniques. Hardware description languages (VHDL)~~ for ~~synthesis and simulation. Asynchronous design. Algorithmic~~ state ~~machines. Clocking~~ and ~~clock skew. Metastability. Self-timed concepts. Finite state machine (FSM) optimization. State reduction. FSM partitioning. Programmable~~ logic ~~devices and~~ field programmable gate ~~arrays. Data path~~ and ~~control design for processors. Testing~~ issues.	In this course, students will be exposed to a comprehensive overview of VHDL language and the synthesis process for the design of digital systems. First, students will learn the hardware implementation of basic VHDL language constructs, then they will be exposed to the core of the RT-level design, including combinational circuits, "regular" sequential circuits, finite state machines, and circuits designed using register transfer methodology. Students are introduced as well to concepts related to metastability, self-timed circuits, programmable logic devices, field programmable gate arrays and testing issues.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial ~~(2~~ hours per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (1 hours per week) ; Laboratory (12 hours total)
Notes :	*Notes :*

Rationale:

The course description has been changed.

The total laboratory hours has been changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.

The tutorial hour has been reduced to one hour per week.

Resource Implications:
None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 314
Calendar Section Type: Course
Description of Change: COEN 314 Digital Electronics I (New Course)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	COEN 314 Digital Electronics I (3.5 credits)
Prerequisites:	*Prerequisites:* The following course must be completed previously: COEN 212 ; ELEC 273 .
Description :	*Description :* This is an introductory course in digital electronics. In the first part of the course, students learn the very basics of MOSFETs, including the physical structure, creation of channels and nonlinear characteristics, to understand why and how they are used as the basic devices in mainstream digital circuits. Then, DC analysis and transient analysis of basic logic units, in particular CMOS inverters and gates, are presented. Students learn different performance aspects, including delay/power/critical path analysis and estimation, and understand the specifications of digital circuits. Students are also exposed to the transistor-level design of basic CMOS functional blocks such as XOR gates, adders, mux, tri-state, buffers, latches, RSFFs and DFFs. Furthermore, the design principle and read/write operations of static and dynamic RAM memory cells are presented.
Component(s):	*Component(s):* Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for COEN 315 or COEN 415 may not take this course for credit.

Rationale:
This new course is replacing ELEC311 (Electronics I) in the core of Computer Engineering to train students in basics of Digital Circuitry (Switching transistors) required for computer Engineering. This course will be elective for Electrical Engineering Program.

Resource Implications:

None. Laboratory of Electronics will be used.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 316
Calendar Section Type: Course
Description of Change: COEN 316 Computer Architecture and Design

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 316 Computer Architecture and Design (3.5 credits)	COEN 316 Computer Architecture and Design (3.5 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: COEN 311 , COEN 313 .	The following courses must be completed previously: COEN 311 , COEN 313 .
Description :	*Description :*
~~Review~~ of ~~basic computer architecture designs. Fundamentals~~ of computer ~~design~~ and ~~performance. Cost issues. Instruction~~ set design ~~principles.~~ Memory ~~hierarchies: registers, caches, and virtual memories. Basic processor implementation issues. High performance computing issues~~ such as ~~pipelining, superscalar,~~ and ~~vector processing. Input/output subsystem designs.~~	This course introduces students to fundamentals of the organization of the design of modern computer systems. Students learn cost issues and performances evaluation of processors and will be exposed to instruction set design principles and its impact on both software programming and hardware design. Pipelining is studied, along with a hazards issue and solutions such as forwarding units. Memory hierarchy is presented, with a focus on caches organizations such as direct mapped, fully associative and set associative. Virtual memories and multi-processors architectures are introduced.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*

Rationale:
The course description has been updated. The total laboratory hours has been changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.

Resource Implications:
None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 317
Calendar Section Type: Course
Description of Change: COEN 317 Microprocessor-Based Systems

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 317 Microprocessor-Based Systems (3.5 credits)	COEN 317 Microprocessor-Based Systems (3.5 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: COEN 311 or COMP 228 or SOEN 228 ; COEN 313 .	The following courses must be completed previously: COEN 311 or COMP 228 or SOEN 228 ; COEN 313 .
Description :	*Description :*
~~This course covers~~ the ~~following topics: introduction to~~ microprocessor ~~interfacing; bus functions,~~ bus ~~interconnections, synchronous and asynchronous bus; signal flow,~~ data transfer and memory ~~Interfacing; parallel, serial, high speed, analog interfacing; secure Digital Card Interface;~~ the interrupt ~~system; bus arbitration~~ and ~~DMA; data Acquisition Systems Network Interfacing.~~	First, an introduction on a history of microprocessors and its advancement are presented. Then, the students get familiar with the microprocessor architecture, its instructions, bus organization, data transfer and memory interfacing. Next the focus of the course is placed on the fundamentals of interfacing. The students learn how to use General Purpose Input Outputs (GPIOs) to connect various peripheral devises to the microprocessor and write programs to control these devices. Examples of peripheral devices are Light Emitted Diodes (LEDs), switches, timer/counters, seven-segments, Liquid Crystal Displays (LCDs) and sensors. They also learn how to configure serial communication protocols. Moreover, the students are exposed to advanced topics including interrupt system and Direct Memory Access (DMA).
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*
Equivalent Courses : ~~This course is equivalent to COEN 417.~~ Students who have received credit for COEN 417 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for COEN 417 may not take this course for credit.

Rationale:
The course description has been updated. The total laboratory hours has been changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.

Resource Implications:

None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 390

Calendar Section Type: Course

Description of Change: COEN 390 Computer Engineering Product Design Project

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 390 Computer Engineering Product Design Project (3 credits)	COEN 390 Computer Engineering Product Design Project (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: COEN 311 , COEN 352 ; ENGR 290 . Students must complete a minimum of 45 credits in the BEng (Computer) prior to enrolling.	The following courses must be completed previously: COEN 311 , COEN 352 ; ENGR 290 . Students must complete a minimum of 45 credits in the BEng (Computer) prior to enrolling.
Description :	*Description :*
The Product Design Project reinforces skills introduced in ENGR 290 , which include teamwork, project management, engineering design for a complex problem, technical writing, and technical presentation in a team environment. It also introduces students to product development. Students are assigned to teams and each team develops, defines, designs and builds a system and/or device under broad constraints set by the Department. Students present their product definition and design, and demonstrate that their system/device works at the end of the term.	The Product Design Project reinforces skills introduced in ENGR 290 , which include teamwork, project management, engineering design for a complex problem, technical writing, and technical presentation in a team environment. It also introduces students to product development. Students are assigned to teams and each team develops, defines, designs and builds a system and/or device under broad constraints set by the Department. Students present their product definition and design, and demonstrate that their system/device works at the end of the term.
Component(s):	*Component(s):*
Tutorial (2 hours per week) ; Laboratory (Equivalent time, 6 hours per week)	Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory (Equivalent time, 6 hours per week)
Notes :	*Notes :*
Other note : All written documentation must follow the Concordia Form and Style guide. Students are responsible for obtaining this document before beginning the project.	**Other note :** All written documentation must follow the Concordia Form and Style guide. Students are responsible for obtaining this document before beginning the project.

Rationale:

Updating the course description to include the number of lecture hours.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 413

Calendar Section Type: Course

Description of Change: COEN 413 Hardware Functional Verification

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 413 Hardware Functional Verification (~~3~~ credits)	COEN 413 Hardware Functional Verification (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: COEN 313 .	The following course must be completed previously: COEN 313 .
Description :	*Description :*
~~Review~~ of hardware design ~~languages. Introduction~~ to functional ~~verification. Design for verification. Writing test benches, simulation engines,~~ and ~~coverage metrics. Introduction~~ to verification ~~languages. Verification plan: strategies, test cases, test benches. Modelling~~ verification ~~environments. Modelling input relations, intervals, events. Introduction~~ to ~~formal~~ verification ~~tools.~~	This course is about functional verification techniques and tools for hardware systems. It starts with the review of hardware design languages and the definition of hardware functional verification, then it introduces basic object-oriented programming notions, such as classes, methods, inheritance, threads, inter-process communications, and virtual methods. Students are later introduced to coverage metrics, functional coverage, and functional verification CAD tools. Students will learn the use of SystemVerilog language to develop class-based verification environment based on the universal verification methodology (UVM). Students will be exposed to practical verification case studies.
Component(s):	*Component(s):*
Lecture (3 hours per week)	Lecture (3 hours per week) ; Laboratory (12 hours per week)
Notes :	*Notes :*

Rationale:

The course description has been updated.

Moreover, a lab was added to provide the students with hands on experience, thus increasing the total number of credits from 3.0 to 3.5 credits.

Resource Implications:

None. No extra software or hardware are required as the general computer lab will be used.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 414

Calendar Section Type: Course

Description of Change: COEN 414 Digital Electronics II (New Course)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	COEN 414 Digital Electronics II (3.5 credits)
Prerequisites:	*Prerequisites:* The following course must be completed previously: COEN 314
Description :	*Description :* In this course, students learn to design digital functional blocks of different logic families, developed with CMOS IC technology. The focus is on the electronics aspect of digital circuit design. Students discover how logic functions are performed in pseudo-MOS, Pass Transistor Logic gates, and various dynamic gates, such as Domino gates and zipper logic gates. They also learn to analyze and to design pulse generators, including VCOs & ICOs, Schmitt triggers, memory circuits, and other specific circuit blocks. Low-power design techniques are also presented.
Component(s):	*Component(s):* Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for COEN 315 or 415 may not take this course for credit.

Rationale:

After introduction of COEN314 as part of the core of Computer Engineering, this elective course will further develop the skills of students in the field. This course will be elective for Electrical Engineering and Computer Engineering Programs.

Resource Implications:

None. Laboratory of Electronics will be used.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 415

Calendar Section Type: Course

Description of Change: COEN 415 Digital Electronics (Delete Course)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~COEN 415 Digital Electronics~~ (~~3.5~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following course must be completed previously: ELEC 311 .~~	
Description :	*Description :*
~~This course covers analysis and simulation of basic digital circuit blocks, in particular, CMOS, BiCMOS and ECL technologies.The focus is on the electronics aspect of digital circuits. Combinational and sequential circuit units, including logic gates, flip-flops,signal generators, static and dynamic memories, and interconnections are discussed. Other topics include perfomance analysis in terms of switching speeds, power dissipation, noise immunity, and fan-in and fan-out.~~	
Component(s):	*Component(s):*
~~Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (15 hours total)~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for COEN 315 may not take this course for credit.~~	**Equivalent Courses :**

Rationale:

Content of this course will be covered in COEN 314 and COEN 414 courses.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 432
Calendar Section Type: Course
Description of Change: COEN 432 Applied Machine Learning and Evolutionary Algorithms

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 432 Applied Evolutionary ~~and Learning~~ Algorithms (3 credits)	COEN 432 Applied Machine Learning and Evolutionary Algorithms (3 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: COEN 352 or COMP 352 .	The following course must be completed previously: COEN 352 or COMP 352 .
Description :	*Description :*
~~Heuristic~~ learning algorithms ~~applied~~ to ~~real-world~~ problems of ~~design, classification, prediction~~ and ~~abstraction. Genetic algorithms, genetic programming, evolutionary strategies, generative~~ and ~~developmental systems, artificial life approaches, swarm intelligence, self-modifying programs,~~ tabu search, simulated annealing and ~~support vector machines, introduction to deep learning architectures. Examples~~ of ~~practical applications and challenges focused~~ on ~~biological~~ and ~~biomedical engineering.~~	The course covers a variety of machine learning algorithms with applications to real-world problems of classification and prediction, optimization and design. The first part of the course introduces fundamental concepts of machine learning and some well-established models, such as decision tree models, linear models, distance-based models and probabilistic models. This is followed by machine learning heuristics such as tabu search, simulated annealing and particle swarm optimization. The second part of the course focuses on evolutionary algorithms and in particular, genetic algorithms, evolutionary strategies and genetic programming, followed by salient advanced concepts such as multi-objective optimization.
Component(s):	*Component(s):*
Lecture (3 hours per week)	Lecture (3 hours per week)
Notes :	*Notes :*

Rationale:
The existing course is a machine learning course, which is divided evenly between evolutionary algorithms and other machine learning methods. The proposed changes: (1) reverse the order of study, introducing a selection of non-evolutionary learning algorithms and heuristics first, followed by a deeper study of evolutionary algorithms; (2) increase the time allotted to non-evolutionary learning algorithms and heuristics. These changes are reflected in the title.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: COEN 490

Calendar Section Type: Course

Description of Change: COEN 490 Capstone Computer Engineering Design Project

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Computer Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
COEN 490 Capstone Computer Engineering Design Project (4 credits)	COEN 490 Capstone Computer Engineering Design Project (6 credits)
Prerequisites:	*Prerequisites:*
The following courses must be complete previously: ENGR 301 , ENGR 371 ; COEN 390 ; SOEN 341 . Students must complete a minimum of 75 credits in the BEng (Computer), as well as the C.Edge work term or one co-op work term prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.	The following courses must be complete previously: ENGR 301 , ENGR 371 ; COEN 390 ; SOEN 341 . Students must complete a minimum of 75 credits in the BEng (Computer), as well as the C.Edge work term or one co-op work term prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
Students are assigned to groups, and work together under faculty supervision to solve a complex interdisciplinary design problem—typically involving communications, control systems, electromagnetics, power electronics, software design, and/or hardware design. The project fosters teamwork between group members and allows students to develop their project management, technical writing, and technical presentation skills.	Students are assigned to groups, and work together under faculty supervision to solve a complex interdisciplinary design problem—typically involving communications, control systems, electromagnetics, power electronics, software design, and/or hardware design. The project fosters teamwork between group members and allows students to develop their project management, technical writing, and technical presentation skills.
Component(s):	*Component(s):*
Tutorial (1 hour per week, two terms) ; Laboratory (Equivalent time, 4 hours per week, two terms)	Tutorial (1 hour per week, two terms) ; Laboratory (Equivalent time, 9 hours per week, two terms)
Notes :	*Notes :*
Other note : All written documentation must follow the Concordia Form and Style guide. Students are responsible for obtaining this document before beginning the project.	**Other note :** All written documentation must follow the Concordia Form and Style guide. Students are responsible for obtaining this document before beginning the project.

Rationale:

As recommended by the CEAB visitors during their last visit, the course COEN 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased to better reflect the actual workload.

Resource Implications:

None. Although, there is more work to be done but the same space and equipment will be used.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 273

Calendar Section Type: Course

Description of Change: ELEC 273 Basic Circuit Analysis

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ELEC 273 Basic Circuit Analysis (3.5 credits)	ELEC 273 Basic Circuit Analysis (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: PHYS 205 . The following course must be completed previously or concurrently: ENGR 213 .	The following course must be completed previously: PHYS 205 . The following course must be completed previously or concurrently: ENGR 213 .
Description :	*Description :*
~~Units: current, voltage, power, and energy. Elementary wave forms. Time averages. Ohm's law. KVL and KCL. Ideal sources. Mesh and node analysis~~ of ~~resistive circuits. Network theorems. Inductors~~ and ~~capacitors~~ and ~~their response~~ to the ~~application of elementary waveforms. Transient~~ response of ~~simple circuits. Natural frequency~~ and ~~damping. Initial conditions. Steady~~ state AC ~~analysis: resonance,~~ impedance, power ~~factor. Delta and Y connections. Ideal operational amplifiers.~~	This course presents a comprehensive, overview of electrical circuit analysis techniques. First, students learn Ohm's Law, KVL, KCL, mesh analysis and nodal analysis. Then they learn circuit theorems including superposition, Thevenin and Norton's Theorems. Ideal operational amplifier circuits are studied. Students learn how to find the transient response of circuits including resistors, inductors, and capacitors. Students learn steady state AC analysis using phasors and impedance, AC circuit theorems, and the calculation of power in AC circuits.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory (12 hours total)
Notes :	*Notes :*

Rationale:

The course description has been updated.

The total laboratory hours has been changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.

Resource Implications:

None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 311

Calendar Section Type: Course

Description of Change: ELEC 311 Electronics I

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ELEC 311 Electronics I (3.5 credits)	ELEC 311 Electronics I (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: ELEC 273 .	The following course must be completed previously: ELEC 273 .
Description :	*Description :*
~~Diodes:~~ terminal characteristics of junction ~~diodes;~~ analysis of diode ~~circuits; the~~ small signal model and its ~~application;~~ operation in the ~~reverse-breakdown~~ region ~~— Zener diodes;~~ rectifiers, limiting and clamping circuits. ~~Principle~~ of signal ~~amplification: small-signal models; linearity;~~ loading ~~effects;~~ cascaded amplifiers. ~~MOSFETs: structure~~ and ~~physical operation; current-voltage characteristics;~~ MOSFET ~~as switch,~~ DC ~~analysis;~~ biasing ~~considerations; small~~ signal analysis, models and ~~parameters;~~ three basic ~~configurations: common~~ gate, common ~~source,~~ common ~~drain, or amplification. Overview~~ of BJT ~~circuits:~~ structure and physical operation of ~~BJT;~~ DC ~~analysis;~~ biasing ~~considerations: small-signal analysis~~ and ~~parameters;~~ basic configurations for amplification. ~~PSPICE:~~ laboratory ~~pre-labs~~ and extensive simulation exercises.	The course first presents diodes: The students get familiar with terminal characteristics of junction diodes and analysis of diode circuits. The small signal model and its application are presented, as well as operation in the reverse-breakdown region (Zener diodes), rectifiers, limiting and clamping circuits. Students learn principles of signal amplification, including linearity, loading effects and cascaded amplifiers. MOSFETs structure, physical operation and current-voltage characteristics are then discussed. Students also learn MOSFET applications, DC analysis and biasing considerations (small signal analysis, models and parameters). The three basic configurations (common gate, common source and common drain) and amplification are explained. An overview of BJT circuits is also presented and covers the structure and physical operation of BJTs, DC analysis, biasing considerations and basic configurations for amplification. The course involves PSPICE laboratory pre-labs and extensive simulation exercises.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial ~~(2 hours~~ per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*

Rationale:

The total laboratory hours is changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week terms. This course is part of the core of Electrical Engineering program and an elective course for Computer Engineering Program.

Resource Implications:

None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 342

Calendar Section Type: Course

Description of Change: ELEC 342 Discrete-Time Signals and Systems

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ELEC 342 Discrete-Time Signals and Systems (3.5 credits)	ELEC 342 Discrete-Time Signals and Systems (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: ELEC 242 or ELEC 264.	The following course must be completed previously: ELEC 242 or ELEC 264.
Description :	*Description :*
Basic material includes discrete vs. continuous-time signals, discrete-time signals, elementary signals and signal operations, discrete-time systems, properties of discrete-time systems and interconnections of systems. Time-domain analysis of discrete-time systems is covered including finite difference equation representation of systems,linear time-invariant (LTI) systems, unit impulse response and convolution, sliding tape method for convolution, periodic convolution, properties of convolution, and properties of LTI systems. The next area is Fourier domain analysis including Discrete-Time Fourier Series (DTFS), Discrete-Time Fourier Transform (DTFT), properties of DTFS and DTFT, frequency response of LTI systems, and continuous and discrete-time Fourier transforms. Conversion of continuous-time to discrete-time signals is covered including ideal impulse train sampling, the sampling theorem, effect of sampling in the frequency and time domains graphically and algebraically, anti-aliasing pre-filter, reconstruction of band limited signal from its samples, discrete-time processing of continuous-time signals, quantization, uniform quantization, quantization noise, granular vs. overload noise, and design of uniform quantizers. The Discrete Fourier Transform (DFT) is developed along with the relationship between the DFT and the DTFT. Also covered is the relationship between the DFT and the Fast Fourier Transform (FFT). The z-transform (ZT) is	Basic material includes discrete vs. continuous-time signals, discrete-time signals, elementary signals and signal operations, discrete-time systems, properties of discrete-time systems and interconnections of systems. Time-domain analysis of discrete-time systems is covered including finite difference equation representation of systems,linear time-invariant (LTI) systems, unit impulse response and convolution, sliding tape method for convolution, periodic convolution, properties of convolution, and properties of LTI systems. The next area is Fourier domain analysis including Discrete-Time Fourier Series (DTFS), Discrete-Time Fourier Transform (DTFT), properties of DTFS and DTFT, frequency response of LTI systems, and continuous and discrete-time Fourier transforms. Conversion of continuous-time to discrete-time signals is covered including ideal impulse train sampling, the sampling theorem, effect of sampling in the frequency and time domains graphically and algebraically, anti-aliasing pre-filter, reconstruction of band limited signal from its samples, discrete-time processing of continuous-time signals, quantization, uniform quantization, quantization noise, granular vs. overload noise, and design of uniform quantizers. The Discrete Fourier Transform (DFT) is developed along with the relationship between the DFT and the DTFT. Also covered is the relationship between the DFT and the Fast Fourier Transform (FFT). The z-transform (ZT) is

Present Text (from 2021) calendar	Proposed Text
covered with topics including properties, poles and zeros of rational ZTs, inverse and unilateral z-transforms (UZT), Region of Convergence (ROC), and relationship between ZT and DTFT. Filtering topics include LTI systems as frequency-selective filters, ideal filters, Finite Impulse Response (FIR) vs. Infinite Impulse Response (IIR) filters, linear phase FIR filters, filter specification, and designing filters with MATLAB. The course closes with FIR filter design with windowing.	covered with topics including properties, poles and zeros of rational ZTs, inverse and unilateral z-transforms (UZT), Region of Convergence (ROC), and relationship between ZT and DTFT. Filtering topics include LTI systems as frequency-selective filters, ideal filters, Finite Impulse Response (FIR) vs. Infinite Impulse Response (IIR) filters, linear phase FIR filters, filter specification, and designing filters with MATLAB. The course closes with FIR filter design with windowing.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for ELEC 364 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for ELEC 364 may not take this course for credit.

Rationale:

The total laboratory hours has been changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.

Resource Implications:

None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 351

Calendar Section Type: Course

Description of Change: ELEC 351 Electromagnetic Waves and Guiding Structures

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ELEC 351 Electromagnetic Waves and Guiding Structures (~~3~~ credits)	ELEC 351 Electromagnetic Waves and Guiding Structures (3.5 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ELEC 242 , ELEC 251 ~~; ENGR 233~~ .	The following courses must be completed previously: ELEC 242 , ELEC 251 .
Description :	*Description :*
This course ~~covers~~ the ~~following topics:~~ partial differential ~~equations, Maxwell's equations; differential forms of~~ the ~~laws of electromagnetism; boundary conditions; power~~ and ~~energy;~~ uniform plane ~~waves; transmission line theory;~~ rectangular ~~waveguides; antennas.~~	This course presents the partial differential equations governing transmission lines and their solution in the time domain and in the frequency domain. The input impedance is found and transmission line circuits are solved. The Smith Chart is derived and used to design impedance matching. Maxwell's Equations are used to find the wave equation, which is solved to discover uniform plane waves. Boundary conditions are enforced to find Snell's Laws and the Fresnel reflection coefficients for a dielectric half space. The fields in rectangular waveguide are found as the solution to a boundary value problem, and the behavior of waveguides is studied. Antenna are studied including directional radiation, antenna arrays, directivity and gain, effective area, and the Friis Transmission Equation.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*

Rationale:

To improve hands-on experience of students, a lab component is added which increases the credits of this course to 3.5. ENGR233 is removed from pre-requisite list since ENGR233 is now pre-requisite to ELEC251.

Resource Implications:

The existing Antenna and Microwave lab will be used for introduction of the laboratory.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 367
Calendar Section Type: Course
Description of Change: ELEC 367 Introduction to Digital Communications

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ELEC 367 Introduction to Digital Communications (3.5 credits)	ELEC 367 Introduction to Digital Communications (3.5 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ELEC 342 or ELEC 364; ENGR 371 .	The following courses must be completed previously: ELEC 342 or ELEC 364; ENGR 371 .
Description :	*Description :*
~~Analog~~ communications and frequency multiplexing; pulse-code-modulation ~~and~~ time multiplexing; additive white Gaussian noise; matched filter and correlator receiver; maximum likelihood receiver and error probability; intersymbol interference, pulse shaping filter; Signal Space Analysis; Union Bound on the probability of error; Pass-band communication Systems; coherent and non-coherent communication systems. Introduction to synchronization.	The following topics are covered: analog communications and frequency multiplexing; pulse-code-modulation time multiplexing; additive white Gaussian noise; matched filter and correlator receiver; maximum likelihood receiver and error probability; intersymbol interference, pulse shaping filter; Signal Space Analysis; Union Bound on the probability of error; Pass-band communication Systems; coherent and non-coherent communication systems. Introduction to synchronization.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory ~~(15~~ hours total)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (12 hours total)
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for ELEC 462 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for ELEC 462 may not take this course for credit.

Rationale:

The course description has been updated.

The total laboratory hours has been changed from 15 hours to 12 hours to adapt to the shift from 13 week to 12 week term.

Resource Implications:
None. No extra software or hardware are required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 390

Calendar Section Type: Course

Description of Change: ELEC 390 Electrical Engineering Product Design Project

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ELEC 390 Electrical Engineering Product Design Project (3 credits)	ELEC 390 Electrical Engineering Product Design Project (3 credits)
Prerequisites:	*Prerequisites:*
Students must complete a minimum of 45 credits in the BEng (Electrical) prior to enrolling, including the following courses: COEN 352 ; ELEC 311 ; ENGR 290 .	Students must complete a minimum of 45 credits in the BEng (Electrical) prior to enrolling, including the following courses: COEN 352 ; ELEC 311 ; ENGR 290 .
Description :	*Description :*
The Product Design Project reinforces skills introduced in ENGR 290 , which include teamwork, project management, engineering design for a complex problem, technical writing, and technical presentation in a team environment. It also introduces students to product development. Students are assigned to teams and each team develops, defines, designs and builds a system and/or device under broad constraints set by the Department. Students present their product definition and design, and demonstrate that their system/device works at the end of the term.	The Product Design Project reinforces skills introduced in ENGR 290 , which include teamwork, project management, engineering design for a complex problem, technical writing, and technical presentation in a team environment. It also introduces students to product development. Students are assigned to teams and each team develops, defines, designs and builds a system and/or device under broad constraints set by the Department. Students present their product definition and design, and demonstrate that their system/device works at the end of the term.
Component(s):	*Component(s):*
Tutorial (2 hours per week) ; Laboratory (Equivalent time, 6 hours per week)	Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory (Equivalent time, 6 hours per week)
Notes :	*Notes :*
Other note : All written documentation must follow the Concordia Form and Style guide. Students are responsible for obtaining this document before beginning the project.	**Other note :** All written documentation must follow the Concordia Form and Style guide. Students are responsible for obtaining this document before beginning the project.

Rationale:

Updating the course description to include the number of lecture hours.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 442
Calendar Section Type: Course
Description of Change: ELEC 442 Advanced Signal Processing
(Cross listing with ELEC 6651)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ELEC 442 ~~Digital~~ Signal Processing (3 credits)	ELEC 442 Advanced Signal Processing (3 credits) (Also listed as ELEC 6651 .)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ELEC 342 or ELEC 364; ENGR 371 .	The following courses must be completed previously: ELEC 342 or ELEC 364; ENGR 371 .
Description :	*Description :*
~~The~~ course ~~covers transform analysis~~ of ~~linear time-invariant (LTI) systems involving inverse systems, all-pass~~ and ~~minimum phase systems, and linear phase finite impulse response (FIR) systems. Implementation~~ of ~~discrete-time LTI systems~~ including ~~structures for FIR and IIR (infinite impulse response) filters, finite word length effects~~ and ~~quantization of filter coefficients is also covered. The topic of digital filter design, i.e. FIR filter design~~ with ~~window and optimization methods~~ and ~~IIR filter design by impulse invariance, bilinear transformation, and frequency transformation is introduced. Also introduced is the multirate signal~~ processing ~~covering decimation~~ and ~~interpolation of discrete-time signals, polyphase structures~~ and ~~filter banks.~~ The course also ~~deals with discrete Fourier transform (DFT),~~ including the ~~properties and computations of DFT, the sampling of discrete-time Fourier transform, linear convolution using DFT and Fourier analysis of signals using DFT. The~~ course ~~closes~~ with ~~random~~ signal processing ~~basics, covering random processes and signals, mean and covariance, correlation and power spectral density,~~ and ~~stationary signal passing through LTI systems.~~	This course focuses on fundamental principles, methods and applications of statistical and adaptive signal processing. It begins with the introduction of random signal processing basics, including random variables and sequences, linear systems with stationary inputs, linear signal models, power spectral density estimation. It then covers optimum linear filtering and prediction, namely , Wiener filter, constrained minimum mean square error (MMSE) estimation , array/space-time processing and beamforming, forward and backward linear prediction. The course also covers adaptive filtering methods including least mean square filters, least-square filter, recursive least square filter, Kalman filter. Finally, the course ends with machine learning principles for signal processing including Bayesian learning, support vector machine, and neural network basics.
Component(s):	*Component(s):*
Lecture (3 hours per week)	Lecture (3 hours per week)
Notes :	*Notes :*

Rationale:

The course title has been changed. Moreover course content has also been revised to be cross-listed with ELEC 6651 with the objective of teaching upper-level undergraduate and graduate students in electrical and computer engineering theoretical concepts, methods and applications of statistical signal processing, as well as, to reduce the overlap between ELEC 442 and ELEC 342.

This course is cross-listed with ELEC 6651 (Adaptive Signal Processing).

Resource Implications:

None. No extra resource including software is required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 447

Calendar Section Type: Course

Description of Change: ELEC 447 Video Processing and Recognition
(New Course, cross listing with ELEC 6631)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	ELEC 447 Video Processing and Recognition (3 credits)
	(Also listed as ELEC 6631 .)
Prerequisites:	*Prerequisites:*
	ELEC 342
Description :	*Description :*
	This course focuses on theoretical foundations of video processing: human vision, colour models, visual frequencies, convolution, frequency analysis, sampling, video capture and display, and video models. Motion characterizes a video and the course covers object transformations, motion models, motion and homography estimation. A video consists of images and basics of image processing will be presented: filtering, multi-scale analysis, histogram and feature extraction. The course covers video applications: video enhancement including quality assessment, fram prediction, denoising; video compression including statistics of signal source, transform coding, predictive coding; video recognition inclluding object segmentation, object tracking, 3D shapes from 2D images. The course introduces deep-learned video processing with a case study, machine-learning basics (regresssion, classification), deep neural networks and convolutional neural networks.
Component(s):	*Component(s):*
	Lecture (3 hours per week)
Notes :	*Notes :*

Rationale:

There are noticeable interests from undergraduate students in video processing content including deep-learned video processing and video recognition (tracking, segmentation, 3D shapes, etc.).

This course is cross-listed with ELEC 6631 (Video Processing and Compression).

Resource Implications:

None. No extra software or hardware is required.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Proposed changes for COEN 314, 390, 414, 415, 432, 490; ELEC 311, 351, 390, 490 and Deletion of Science Electives

Calendar Section Name: ELEC 490
Calendar Section Type: Course
Description of Change: ELEC 490 Capstone Electrical Engineering Design Project

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Electrical and Computer Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Electrical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ELEC 490 Capstone Electrical Engineering Design Project (~~4~~ credits)	ELEC 490 Capstone Electrical Engineering Design Project (6 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ENGR 301 , ENGR 371 ; COEN 311 ; ELEC 342 or 364; ELEC 390 . Students must complete a minimum of 75 credits in the BEng (Electrical), as well as the C.Edge work term or one co-op work term prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.	The following courses must be completed previously: ENGR 301 , ENGR 371 ; COEN 311 ; ELEC 342 or 364; ELEC 390 . Students must complete a minimum of 75 credits in the BEng (Electrical), as well as the C.Edge work term or one co-op work term prior to enrolling. If prerequisites are not satisfied, permission of the Department is required.
Description :	*Description :*
~~If prerequisites are not satisfied, permission of the Department is required.~~ Students are assigned to groups, and work together under faculty supervision to solve a complex interdisciplinary design problem — typically involving communications, control systems, electromagnetics, power electronics, software design, and/or hardware design. The project fosters teamwork between group members and allows students to develop their project management, technical writing, and technical presentation skills.	Students are assigned to groups, and work together under faculty supervision to solve a complex interdisciplinary design problem — typically involving communications, control systems, electromagnetics, power electronics, software design, and/or hardware design. The project fosters teamwork between group members and allows students to develop their project management, technical writing, and technical presentation skills.
Component(s):	*Component(s):*
Tutorial (1 hour per week, two terms) ; Laboratory (Equivalent time, 4 hours per week, two terms)	Tutorial (1 hour per week, two terms) ; Laboratory (Equivalent time, 9 hours per week, two terms)
Notes :	*Notes :*
Other note : All written documentation must follow the Concordia Form and Style guide. Students are responsible for obtaining this document before beginning the project.	**Other note :** All written documentation must follow the Concordia Form and Style guide. Students are responsible for obtaining this document before beginning the project.

Rationale:
As recommended by the CEAB visitors during their last visit, the course ELEC 490 load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits should be increased to better reflect the actual workload.

Resource Implications:

None. Although, there is more work to be done but the same space and equipment will be used.

Impact Report

Programs

BCompSc in Health and Life Sciences
Source of Impact

- Health and Life Sciences Electives

BEng in Computer Engineering
Source of Impact

- Biological and Biomedical Engineering (BME) Option
- Computer Engineering Core
- General Stream: Computer Engineering
- Pervasive Computing Option

BEng in Electrical Engineering
Source of Impact

- Electrical Engineering Core
- Electrical Engineering Electives

Defined Groups

Biological and Biomedical Engineering (BME) Option
Source of Impact

- Biological and Biomedical Engineering (BME) Option Electives: Computer Engineering
- Computer Engineering Electives

Biological and Biomedical Engineering (BME) Option Electives: Computer Engineering
Source of Impact

- COEN 432
- ELEC 442

Biological and Biomedical Engineering Electives: Computer Engineering
Source of Impact

- COEN 432

Biological and Biomedical Engineering Electives: Electrical Engineering
Source of Impact

- COEN 432

Computer Engineering Core
Source of Impact

- COEN 243
- COEN 311
- COEN 313
- COEN 316
- COEN 317
- COEN 390

- COEN 490
- Computer Engineering Electives
- ELEC 311
- ELEC 342
- Science Electives: Computer Engineering

Computer Engineering Electives
Source of Impact

- Biological and Biomedical Engineering Electives: Computer Engineering
- Computer Science and Programming Electives: Computer Engineering
- Electrical Engineering Electives
- Hardware/Electronics/VLSI Electives: Computer Engineering
- Software and System Design Electives: Computer Engineering
- Telecommunication Networks and Signal Processing Electives: Computer Engineering

Computer Science and Programming Electives: Computer Engineering
Source of Impact

- COEN 432

Computer Systems Electives: Electrical Engineering
Source of Impact

- COEN 316
- COEN 317
- COEN 413

Electrical Engineering Core
Source of Impact

- COEN 243
- COEN 311
- COEN 313
- ELEC 311
- ELEC 342
- ELEC 351
- ELEC 367
- ELEC 390
- ELEC 490

Electrical Engineering Electives
Source of Impact

- Biological and Biomedical Engineering Electives: Electrical Engineering
- Computer Engineering Electives
- Computer Systems Electives: Electrical Engineering
- Microdevices, Electronics and VLSI Electives: Electrical Engineering
- Telecommunication Networks and Signal Processing Electives: Electrical Engineering

Engineering Core
Source of Impact

- BEng in Computer Engineering

- BEng in Electrical Engineering
- ELEC 273

Engineering and Computer Science Courses: Certificate in Science and Technology
Source of Impact

- COEN 243
- COEN 311
- ELEC 273

General Stream Electives: Computer Engineering
Source of Impact

- COEN 413

General Stream: Computer Engineering
Source of Impact

- Computer Engineering Electives
- General Stream Electives: Computer Engineering

Hardware/Electronics/VLSI Electives: Computer Engineering
Source of Impact

- COEN 413
- COEN 415
- ELEC 311

Health and Life Sciences Electives
Source of Impact

- COEN 432

List of Available and Approved COMP/COEN Courses
Source of Impact

- COEN 432

Microdevices, Electronics and VLSI Electives: Electrical Engineering
Source of Impact

- COEN 415

Option C — Avionics and Aerospace Systems Core
Source of Impact

- COEN 243
- COEN 311
- ELEC 273
- ELEC 342

Option C — Avionics and Aerospace Systems Electives
Source of Impact

- COEN 313
- COEN 317

- COEN 413
- ELEC 311
- ELEC 351
- ELEC 367
- ELEC 442

Pervasive Computing Option
Source of Impact

- Computer Engineering Electives
- Pervasive Computing Option Electives: Computer Engineering

Pervasive Computing Option Electives: Computer Engineering
Source of Impact

- ELEC 367

Software and System Design Electives: Computer Engineering
Source of Impact

- COEN 432

Telecommunication Networks and Signal Processing Electives: Computer Engineering
Source of Impact

- ELEC 367
- ELEC 442

Telecommunication Networks and Signal Processing Electives: Electrical Engineering
Source of Impact

- ELEC 442

Courses

AERO 371
Source of Impact

- ELEC 342

COEN 244
Source of Impact

- COEN 243

COEN 311
Source of Impact

- COEN 243

COEN 314 Digital Electronics I (New Course)
Source of Impact

- ELEC 273

COEN 316
Source of Impact

- COEN 311
- COEN 313

COEN 317
Source of Impact

- COEN 311
- COEN 313

COEN 346
Source of Impact

- COEN 311

COEN 390
Source of Impact

- COEN 311

COEN 413
Source of Impact

- COEN 313

COEN 414 Digital Electronics II (New Course)
Source of Impact

COEN 415
Source of Impact

- ELEC 311

COEN 421
Source of Impact

- COEN 317

COEN 447
Source of Impact

- COEN 317

COEN 451
Source of Impact

- ELEC 311

COEN 490
Source of Impact

- COEN 390

COEN 6321
Source of Impact

- COEN 432

COEN 6541

Source of Impact

- COEN 413

COMP 442
Source of Impact

- COEN 311

ELEC 242
Source of Impact

- ELEC 273

ELEC 251
Source of Impact

- ELEC 273

ELEC 311
Source of Impact

- ELEC 273

ELEC 312
Source of Impact

- ELEC 311

ELEC 331
Source of Impact

- ELEC 273

ELEC 366
Source of Impact

- ELEC 342

ELEC 367
Source of Impact

- ELEC 342

ELEC 390
Source of Impact

- ELEC 311

ELEC 424
Source of Impact

- ELEC 311

ELEC 425
Source of Impact

- ELEC 351

ELEC 433
Source of Impact

- ELEC 311

ELEC 441
Source of Impact

- ELEC 342

ELEC 442
Source of Impact

- ELEC 342

ELEC 444
Source of Impact

- ELEC 342

ELEC 445
Source of Impact

- ELEC 342

ELEC 447 Video Processing and Recognition (New Course, cross listing with ELEC 6631)
Source of Impact

ELEC 453
Source of Impact

- ELEC 351

ELEC 455
Source of Impact

- ELEC 351

ELEC 456
Source of Impact

- ELEC 351

ELEC 458
Source of Impact

- ELEC 351

ELEC 464
Source of Impact

- ELEC 367

ELEC 466
Source of Impact

- ELEC 351
- ELEC 367

ELEC 470
Source of Impact

- ELEC 367

ELEC 483
Source of Impact

- ELEC 342

ELEC 490
Source of Impact

- COEN 311
- ELEC 342
- ELEC 390

ENGR 391
Source of Impact

- COEN 243

ENGR 490
Source of Impact

- COEN 490
- ELEC 490

MIAE 215
Source of Impact

- COEN 243

Regulations

Accelerated Career Experience Option
Source of Impact

- BEng in Computer Engineering
- BEng in Electrical Engineering

C.Edge Option
Source of Impact

- BEng in Computer Engineering
- BEng in Electrical Engineering

Course Requirements for Honours Programs
Source of Impact

- Health and Life Sciences Electives

Degree Requirements
Source of Impact

- Electrical Engineering Core

Degree Requirements
Source of Impact

- Computer Engineering Core

Department Objectives
Source of Impact

- BEng in Computer Engineering
- BEng in Electrical Engineering
- Biological and Biomedical Engineering Electives: Electrical Engineering
- Computer Engineering Core
- Computer Systems Electives: Electrical Engineering
- Electrical Engineering Core
- Microdevices, Electronics and VLSI Electives: Electrical Engineering
- Telecommunication Networks and Signal Processing Electives: Electrical Engineering

Options
Source of Impact

- Biological and Biomedical Engineering (BME) Option
- General Stream: Computer Engineering
- Pervasive Computing Option

Programs
Source of Impact

- BEng in Computer Engineering
- BEng in Electrical Engineering

Registration Regulations
Source of Impact

- COEN 490
- ELEC 490

Section 71.75.2 Degree Requirements
Source of Impact

- Health and Life Sciences Electives

The Co-operative Format
Source of Impact

- BEng in Computer Engineering
- BEng in Electrical Engineering

The following programs are offered in the Gina Cody School of Engineering and Computer Science:
Source of Impact

- BEng in Computer Engineering
- BEng in Electrical Engineering

Other Units

Addition of **COEN 314** to **Computer Engineering Core** requirement

Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **COEN 414** to **Microdevices, Electronics and VLSI Electives: Electrical Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **COEN 314** to **Microdevices, Electronics and VLSI Electives: Electrical Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **ELEC 311** to **Hardware/Electronics/VLSI Electives: Computer Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **ELEC 321** to **Hardware/Electronics/VLSI Electives: Computer Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **COEN 414** to **Hardware/Electronics/VLSI Electives: Computer Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **ELEC 447** to **Telecommunication Networks and Signal Processing Electives: Electrical Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **ELEC 447** to **Telecommunication Networks and Signal Processing Electives: Computer Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **ELEC 6651** to **ELEC 442** requirement
Source of other unit Impact

- Course is housed in Engineering Courses

Addition of **ELEC 6631** to **ELEC 447** requirement
Source of other unit Impact

- Course is housed in Engineering Courses

Concordia University

Department of Electrical and Computer Engineering

COEN 314 – Digital Electronics I

Instructor:

Phone: 848 2424 Email:

Office hours:

Lecture times:

PREREQUISITES

ELEC 273 and COEN 212

TEXT BOOKS

Jan M. Rabaey, "Digital Integrated Circuits", Prentice Hall.

Instructor's lecture notes.

TOPICS

- Basics of MOSFET devices, physical structures, electric field, charge motion, and P-N junctions in MOSFETs, nonlinear characteristics and operation modes.
- Single-MOS and CMOS switches, their static and dynamic behavior.
- CMOS inverter, transistor-level structure, voltage transfer characteristics, DC analysis, transient analysis, and delay and power estimations.
- CMOS gates, pull-up and pull-down structures, performance analysis and specifications of digital circuits.
- Basic functional blocks, such as XOR gates, adders, multiplexers, tri-state units, buffers, latches, and flip-flops.
- Static and dynamic memories, write and read operations of SRAM and DRAM cells.

COURSE LEARNING OUTCOMES

On successful completion of the course the students are expected to be able to:

1. have a good understanding of the fundamentals of digital circuit design,
2. understand the principles of function/functionality of basic functional blocks,
3. understand the specifications of digital circuits,
4. assess the performance of basic digital circuits,
5. design and implement basic functional blocks.

LAB FOR COEN 314

Lab Coordinator:
Lab demonstrator:

Lab location: H859

Biweekly lab sessions commence in the third week of the term.

The student will fail the course if he or she does not secure at least 50% in the laboratory components of the course.

Students repeating the course are not exempted from the laboratory and must perform all the experiments in this term.

TUTORIALS

Weekly one-hour tutorial classes commence in the second week of the term.

GRADING SCHEME

Midterm test:	20 %
Lab:	15 % (attendance and reports)
Lab test:	5%
Assignments:	5 %
Final exam:	55 %

RIGHTS AND RESPONSIBILITIES

Concordia students are subject to the Code of Rights and Responsibilities* which applies both when students are physically and virtually engaged in any University activity, including classes, seminars, meetings, etc. Students engaged in University activities must respect this Code when engaging with any members of the Concordia community, including faculty, staff, and students, whether such interactions are verbal or in writing, face to face or online/virtual. Failing to comply with the Code may result in charges and sanctions, as outlined in the Code.
*Copy of the Code is available on the course Moodle page.

ZERO TOLERANCE FOR ANY KIND OF ACADEMIC MISCONDUCT

Students should be familiar with University's policies about Academic integrity and the Academic Code of Conduct found at

http://www.concordia.ca/academics/undergraduate/calendar/current/17-10.html

or concordia.ca/students/academic-integrity, or concordia.ca/conduct/academic-integrity.html

Academic offences include plagiarism, unauthorized collaboration or unauthorized use of materials in tests, etc.

Each student needs to sign a Form of Expectations of Originality for the course and sign the statement certifying that each submission is his/her original work and meets the Faculty's Expectations of Originality. The form is found at the course Moodle site.

Intellectual Property

Content belonging to instructors shared in online courses, including, but not limited to, online lectures, course notes, and video recordings of classes remain the intellectual property of the faculty member. It may not be distributed, published or broadcast, in whole or in part, without express permission of the faculty member. Students are also forbidden to use their own means of recording any elements of an online class or lecture without express permission of the instructor. Any unauthorized sharing of course content may constitute a breach of the Academic Code of Conduct and/or the Code of Rights and Responsibilities. As specified in the Policy on Intellectual Property, the University does not claim any ownership of or interest in any student IP. All university members retain copyright over their work.

Use of Third-Party Software & web Sites

Students are advised that external software and/or websites will be used in the course and students may be asked to submit or consent to the submission of personal information (for example, name and email) to register for an online service. Students are responsible for reading and deciding whether or not to agree to any applicable terms of use. Use of this software and service is voluntary. Students who do not consent to the use the software or service should identify themselves to the course instructor as soon as possible, and in all cases before the DNE deadline, to discuss alternate modes of participation.

Email Communications

The instructor uses the email to provide the students information about the course. Please make sure that the email address you inputted to the Concordia Portal is valid so that you would not miss important information.

Extraordinary Circumstances

In the event of extraordinary circumstances and pursuant to the Academic Regulations, the University may modify the delivery, content, structure, forum, location and/or evaluation scheme. In the event of such extraordinary circumstances, students will be informed of the changes.

Concordia University

Department of Electrical and Computer Engineering

COEN 414 – Digital Electronics II

Instructor: Chunyan Wang
Phone: 848 2424 - 3120 Email: chunyan@ece.concordia.ca
Office hours:
Lecture times:

PREREQUISITES

COEN 314

TEXT BOOKS

Jan M. Rabaey, "Digital Integrated Circuits", Prentice Hall.
Instructor's lecture notes.

TOPICS

Analysis, design and performance assessment of the following types of digital circuits

- Static logic gates: CMOS logic and pseudo-NMOS logic gates.
- Pass-transistor logic gates.
- Dynamic logic gates, Domino gates, zipper logic gates.
- Cascode Voltage Switch Logic (CVSL) circuits.
- Various static and dynamic flip-flops.
- Memory circuits, DRAM and SRAM structures, sense amplifiers.
- Pulse generators, digital VCO, ICO, and PLL.
- Schmitt triggers, and other functional blocks
- Interconnects

COURSE LEARNING OUTCOMES

On successful completion of the course the students are expected to be able to:

1. understand the principles of function/functionality different logic families,
2. assess the performance of digital circuits,
3. custom-design various functional blocks.
4. get familiar with CAD tools for circuit implementation.

LAB FOR COEN 414

Lab Coordinator:
Lab demonstrator:

Lab location: H915

Biweekly lab sessions commence in the third week of the term.

Cadence and Hspice are required CAD tools to perform the lab work.

The student will fail the course if he or she does not secure at least 50% in the laboratory components of the course.

Students repeating the course are not exempted from the laboratory and must perform all the lab work in this term.

TUTORIALS

Weekly one-hour tutorial classes commence in the second week of the term.

GRADING SCHEME

Midterm test:	20 %
Lab:	15 %
Assignments:	5 %
Simulation projects:	15%
Final exam:	45 %

RIGHTS AND RESPONSIBILITIES

Concordia students are subject to the Code of Rights and Responsibilities* which applies both when students are physically and virtually engaged in any University activity, including classes, seminars, meetings, etc. Students engaged in University activities must respect this Code when engaging with any members of the Concordia community, including faculty, staff, and students, whether such interactions are verbal or in writing, face to face or online/virtual. Failing to comply with the Code may result in charges and sanctions, as outlined in the Code.
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http://www.concordia.ca/academics/undergraduate/calendar/current/17-10.html
or concordia.ca/students/academic-integrity, or concordia.ca/conduct/academic-integrity.html

Academic offences include plagiarism, unauthorized collaboration or unauthorized use of materials in tests, etc.

Each student needs to sign a Form of Expectations of Originality for the course and sign the statement certifying that each submission is his/her original work and meets the Faculty's Expectations of Originality. The form is found at the course Moodle site.

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Use of Third-Party Software & Web Sites

Students are advised that external software and/or websites will be used in the course and students may be asked to submit or consent to the submission of personal information (for example, name and email) to register for an online service. Students are responsible for reading and deciding whether or not to agree to any applicable terms of use. Use of this software and service is voluntary. Students who do not consent to the use the software or service should identify themselves to the course instructor as soon as possible, and in all cases before the DNE deadline, to discuss alternate modes of participation.

Email Communications

The instructor uses the email to provide the students information about the course. Please make sure that the email address you inputted to the Concordia Portal is valid so that you would not miss important information.

Extraordinary Circumstances

In the event of extraordinary circumstances and pursuant to the Academic Regulations, the University may modify the delivery, content, structure, forum, location and/or evaluation scheme. In the event of such extraordinary circumstances, students will be informed of the changes.

Section 71.30.1 Course Requirements (BEng in Electrical Engineering)

Degree Requirements

The program in Electrical Engineering consists of the Engineering Core, the Electrical Engineering Core, and Electives. The minimum length of the program is 120 credits.

Students in the Electrical Engineering program are required to complete at least one work term administered by either the CIADI (Section 71.10.9 Concordia Institute for Aerospace Design and Innovation (CIADI)) or co-op (Section 71.10.8 Co-operative Education in the Gina Cody School of Engineering and Computer Science) offices. Only work terms undertaken after successfully completing 60 credits in the Electrical Engineering program would satisfy this requirement. In order to fulfill the work term, students must successfully complete one of the courses managed through CIADI or the Institute for Co-operative Education. It should be noted that ultimately it is the responsibility of the student to find an approved work-term placement.

For information on co-op fees, see concordia.ca/academics/co-op/students/fees.

BEng in Electrical Engineering (120 credits)

30.5 credits from the Engineering Core

72.5 credits from the Electrical Engineering Core

17 credits chosen from the Electrical Engineering Electives

Electrical Engineering Core (72.5 credits)

- COEN 212 Digital Systems Design I (3.50)
- COEN 231 Introduction to Discrete Mathematics (3.00)
- COEN 243 Programming Methodology I (3.50)
- COEN 244 Programming Methodology II (3.00)
- COEN 311 Computer Organization and Software (3.50)
- COEN 313 Digital Systems Design II (3.50)

- COEN 352 Data Structures and Algorithms (3.00)
- ELEC 242 Continuous-Time Signals and Systems (3.00)
- ELEC 251 Fundamentals of Applied Electromagnetics (3.00)
- ELEC 311 Electronics I (3.50)
- ELEC 312 Electronics II (3.50)
- ELEC 321 Introduction to Semiconductor Materials and Devices (3.50)
- ELEC 331 Fundamentals of Electrical Power Engineering (3.50)
- ELEC 342 Discrete-Time Signals and Systems (3.50)
- ELEC 351 Electromagnetic Waves and Guiding Structures (3.50)
- ELEC 366 Telecommunication Networks (3.50)
- ELEC 367 Introduction to Digital Communications (3.50)
- ELEC 372 Fundamentals of Control Systems (3.50)
- ELEC 390 Electrical Engineering Product Design Project (3.00)
- ELEC 490 Capstone Electrical Engineering Design Project (6.00)
- ENGR 290 Introductory Engineering Team Design Project (3.00)

Note: Students may replace ELEC 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.

Electrical Engineering Electives (17 credits)

17 credits minimum chosen from the lists below. Courses are listed in groups to facilitate course selection. With adequate academic justification and with permission of the Department, students may take one technical elective course from the Computer Engineering Electives.

A. Telecommunication Networks and Signal Processing Electives: Electrical Engineering
B. Microdevices, Electronics and VLSI Electives: Electrical Engineering
C. Power and Renewable Energy Systems Electives: Electrical Engineering
D. Controls, Robotics and Avionics Electives: Electrical Engineering
E. Waves and Electromagnetics Electives: Electrical Engineering
F. Computer Systems Electives: Electrical Engineering
G. Biological and Biomedical Engineering Electives: Electrical Engineering
H. Other Electives: Electrical Engineering

Telecommunication Networks and Signal Processing Electives: Electrical Engineering

- COEN 446 Internet of Things (3.00)
- COEN 447 Software-Defined Networking (3.00)
- ELEC 442 Advanced Signal Processing (3.00)
- ELEC 447 Video Processing and Recognition (3.00)
- ELEC 464 Wireless Communications (3.00)
- ELEC 465 Networks Security and Management (3.50)
- ELEC 466 Introduction to Optical Communication Systems (3.50)
- ELEC 470 Broadcast Signal Transmission (3.00)
- ELEC 472 Advanced Telecommunication Networks (3.50)

Microdevices, Electronics and VLSI Electives: Electrical Engineering

- COEN 314 Digital Electronics I (3.50)
- COEN 414 Digital Electronics II (3.50)
- COEN 451 VLSI Circuit Design (4.00)
- ELEC 413 Mixed-Signal VLSI for Communication Systems (4.00)
- ELEC 421 Solid State Devices (3.50)
- ELEC 422 Design of Integrated Circuit Components (3.50)
- ELEC 423 Introduction to Analog VLSI (4.00)
- ELEC 424 VLSI Process Technology (3.50)
- ELEC 425 Optical Devices for High-Speed Communications (3.50)
- ELEC 441 Modern Analog Filter Design (3.50)

Power and Renewable Energy Systems Electives: Electrical Engineering

- ELEC 430 Electrical Power Equipment (3.50)
- ELEC 431 Electrical Power Systems (3.50)
- ELEC 432 Control of Electrical Power Conversion Systems (3.50)
- ELEC 433 Power Electronics (3.50)
- ELEC 434 Behaviour of Power Systems (3.50)
- ELEC 435 Electromechanical Energy Conversion Systems (3.50)
- ELEC 436 Protection of Power Systems (3.50)
- ELEC 437 Renewable Energy Systems (3.00)
- ELEC 438 Industrial Electrical Systems (3.50)
- ELEC 439 Hybrid Electric Vehicle Power System Design and Control (3.00)
- ELEC 440 Controlled Electric Drives (3.50)
- ELEC 443 Electric Power Distribution Networks (3.00)
- ELEC 446 Electrical Power Generation (3.00)

Note: ELEC 430, ELEC 432, ELEC 434, ELEC 435, ELEC 436, ELEC 438 and ELEC 443 are usually offered in the French language.

Controls, Robotics and Avionics Electives: Electrical Engineering

- AERO 417 Standards, Regulations and Certification (3.00)
- AERO 480 Flight Control Systems (3.50)
- AERO 482 Avionic Navigation Systems (3.00)
- AERO 483 Integration of Avionics Systems (3.00)
- COEN 422 Foundations of Cyber-Physical Systems (3.00)
- ELEC 473 Autonomy for Mobile Robots (3.00)
- ELEC 481 Linear Systems (3.50)
- ELEC 482 System Optimization (3.50)
- ELEC 483 Real-Time Computer Control Systems (3.50)
- ENGR 472 Robot Manipulators (3.50)

Waves and Electromagnetics Electives: Electrical Engineering

- ELEC 453 Microwave Engineering (3.50)

- ELEC 455 Acoustics (3.00)
- ELEC 456 Antennas (3.50)
- ELEC 457 Design of Wireless RF Systems (3.00)
- ELEC 458 Techniques in Electromagnetic Compatibility (3.00)

Computer Systems Electives: Electrical Engineering

- COEN 316 Computer Architecture and Design (3.50)
- COEN 317 Microprocessor-Based Systems (3.50)
- COEN 320 Introduction to Real-Time Systems (3.00)
- COEN 346 Operating Systems (3.50)
- COEN 413 Hardware Functional Verification (3.50)
- COEN 421 Embedded Systems Design (4.00)
- COEN 424 Programming on the Cloud (3.00)
- COEN 448 Software Testing and Validation (3.50)
- SOEN 341 Software Process and Practices (4.00)

Biological and Biomedical Engineering Electives: Electrical Engineering

- COEN 432 Applied Machine Learning and Evolutionary Algorithms (3.00)
- COEN 433 Biological Computing and Synthetic Biology (3.00)
- COEN 434 Microfluidic Devices for Synthetic Biology (3.00)
- ELEC 444 Medical Image Processing (3.00)
- ELEC 445 Biological Signal Processing (3.00)

Other Electives: Electrical Engineering

- ELEC 498 Topics in Electrical Engineering (3.00)
- ENGR 411 Special Technical Report (1.00)

Section 71.30.2 Course Requirements (BEng in Computer Engineering)

Degree Requirements

The program in Computer Engineering consists of the Engineering Core, the Computer Engineering Core, and Electives. The minimum length of the program is 120 credits.

Students in the Computer Engineering program are required to complete at least one work term administered by either CIADI (see Section 71.10.9 Concordia Institute for Aerospace Design and Innovation (CIADI)) or Co-op (see Section 71.10.8 Co-operative Education in the Gina Cody School of Engineering and Computer Science). Only work terms undertaken after successfully completing 60 credits in the Computer Engineering program would satisfy this requirement.

In order to fulfill the work term, students must successfully complete one of the courses managed through CIADI or the Institute for Co-operative Education.

It should be noted that ultimately it is the responsibility of the student to find an approved work-term placement.

For information on co-op fees, see concordia.ca/academics/co-op/students/fees.

BEng in Computer Engineering (120 credits)

30.5 credits from the Engineering Core

69.5 credits from the Computer Engineering Core

20 credits from the Computer Engineering Electives

Computer Engineering Core (69.5 credits)

69.5 credits:

- COEN 212 Digital Systems Design I (3.50)
- COEN 231 Introduction to Discrete Mathematics (3.00)
- COEN 243 Programming Methodology I (3.50)
- COEN 244 Programming Methodology II (3.00)

- COEN 311 Computer Organization and Software (3.50)
- COEN 313 Digital Systems Design II (3.50)
- COEN 314 Digital Electronics I (3.50)
- COEN 316 Computer Architecture and Design (3.50)
- COEN 317 Microprocessor-Based Systems (3.50)
- COEN 320 Introduction to Real-Time Systems (3.00)
- COEN 346 Operating Systems (3.50)
- COEN 352 Data Structures and Algorithms (3.00)
- COEN 366 Communication Networks and Protocols (3.50)
- COEN 390 Computer Engineering Product Design Project (3.00)
- COEN 490 Capstone Computer Engineering Design Project (6.00)
- ELEC 242 Continuous-Time Signals and Systems (3.00)
- ELEC 342 Discrete-Time Signals and Systems (3.50)
- ELEC 372 Fundamentals of Control Systems (3.50)
- ENGR 290 Introductory Engineering Team Design Project (3.00)
- SOEN 341 Software Process and Practices (4.00)

Note: Students may replace COEN 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.

Computer Engineering Electives (20 credits)

Students must complete 20 credits of Technical Electives from the Computer Engineering Electives list. Courses are listed in groups to facilitate course selection. With adequate academic justification and with permission of the Department, students may take one technical elective course from the Electrical Engineering Electives.
A. Hardware/Electronics/VLSI Electives: Computer Engineering
B. Software and System Design Electives: Computer Engineering
C. Biological and Biomedical Engineering Electives: Computer Engineering
D. Computer Science and Programming Electives: Computer Engineering
E. Telecommunication Networks and Signal Processing Electives: Computer Engineering
F. Controls, Robotics and Avionics Electives: Computer Engineering
G. Other Electives: Computer Engineering

Hardware/Electronics/VLSI Electives: Computer Engineering

- COEN 413 Hardware Functional Verification (3.50)
- COEN 414 Digital Electronics II (3.50)
- COEN 451 VLSI Circuit Design (4.00)
- ELEC 311 Electronics I (3.50)
- ELEC 312 Electronics II (3.50)
- ELEC 321 Introduction to Semiconductor Materials and Devices (3.50)
- ELEC 413 Mixed-Signal VLSI for Communication Systems (4.00)
- ELEC 423 Introduction to Analog VLSI (4.00)

Software and System Design Electives: Computer Engineering

- COEN 421 Embedded Systems Design (4.00)
- COEN 422 Foundations of Cyber-Physical Systems (3.00)
- COEN 432 Applied Machine Learning and Evolutionary Algorithms (3.00)
- COEN 448 Software Testing and Validation (3.50)
- SOEN 321 Information Systems Security (3.00)
- SOEN 342 Software Requirements and Deployment (4.00)
- SOEN 343 Software Architecture and Design (4.00)
- SOEN 344 Advanced Software Architecture and Design (3.00)
- SOEN 357 User Interface Design (3.00)
- SOEN 448 Management of Evolving Systems (3.00)

Biological and Biomedical Engineering Electives: Computer Engineering

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- COEN 432 Applied Machine Learning and Evolutionary Algorithms (3.00)
- COEN 433 Biological Computing and Synthetic Biology (3.00)
- COEN 434 Microfluidic Devices for Synthetic Biology (3.00)
- ELEC 444 Medical Image Processing (3.00)
- ELEC 445 Biological Signal Processing (3.00)

Computer Science and Programming Electives: Computer Engineering

- COEN 424 Programming on the Cloud (3.00)
- COEN 432 Applied Machine Learning and Evolutionary Algorithms (3.00)
- COMP 335 Introduction to Theoretical Computer Science (3.00)
- COMP 353 Databases (4.00)
- COMP 371 Computer Graphics (4.00)
- COMP 426 Multicore Programming (4.00)
- COMP 428 Parallel Programming (4.00)
- COMP 442 Compiler Design (4.00)
- COMP 451 Database Design (4.00)
- COMP 472 Artificial Intelligence (4.00)
- COMP 474 Intelligent Systems (4.00)

Telecommunication Networks and Signal Processing Electives: Computer Engineering

0

- COEN 446 Internet of Things (3.00)
- COEN 447 Software-Defined Networking (3.00)
- ELEC 367 Introduction to Digital Communications (3.50)
- ELEC 442 Advanced Signal Processing (3.00)
- ELEC 447 Video Processing and Recognition (3.00)
- ELEC 465 Networks Security and Management (3.50)

- ELEC 470 Broadcast Signal Transmission (3.00)
- ELEC 472 Advanced Telecommunication Networks (3.50)

Controls, Robotics and Avionics Electives: Computer Engineering

- AERO 417 Standards, Regulations and Certification (3.00)
- AERO 480 Flight Control Systems (3.50)
- AERO 482 Avionic Navigation Systems (3.00)
- AERO 483 Integration of Avionics Systems (3.00)
- ELEC 473 Autonomy for Mobile Robots (3.00)
- ELEC 481 Linear Systems (3.50)
- ELEC 482 System Optimization (3.50)
- ELEC 483 Real-Time Computer Control Systems (3.50)
- ENGR 472 Robot Manipulators (3.50)

Other Electives: Computer Engineering

- COEN 498 Topics in Computer Engineering (3.00)
- ENGR 411 Special Technical Report (1.00)

Section 71.75.1 Curriculum for the Degree of BCompSc in Health and Life Sciences

Computer Science in Health and Life Sciences Program

The BCompSc in Health and Life Sciences prepares students to explore and decipher the complexity and interdependency within biological systems; provides students with an understanding of techniques from computer science, mathematics, statistics and modelling; and develops students' skills in efficiently generating information and knowledge by optimal use of data analytics, while maintaining a rigorous training in empirical and experimental approaches.

Section 71.75.2 Degree Requirements

The BCompSc in Health and Life Sciences constitutes a 90-credit program that consists of courses in the following groups: Computer Science Core, Health and Life Sciences Complementary Core, Health and Life Sciences Core, Health and Life Sciences Electives, Mathematics Electives: BCompSc and General Electives: BCompSc.

BCompSc in Health and Life Sciences (90 credits)

33 credits from the Computer Science Core

24 credits from the Health and Life Sciences Core

6 credits from the Health and Life Sciences Complementary Core

12 credits from Health and Life Sciences Electives

6 credits chosen from the Mathematics Electives: BCompSc list

9 credits of General Electives: BCompSc (see Section 71.70.2 Degree Requirements)

Health and Life Sciences Core (24 credits)

- BIOL 261 Molecular and General Genetics (3.00)
- BIOL 266 Cell Biology (3.00)
- BIOL 367 Molecular Biology (3.00)
- BIOL 479 Computational Biology (3.00)
- BIOL 481 Genome Structure (3.00)
- CHEM 212 Analytical Chemistry for Biology and Environmental and Sustainability Science Students (3.00)
- CHEM 221 Introductory Organic Chemistry I (3.00)
- CHEM 271 Biochemistry I (3.00)

Health and Life Sciences Complementary Core (6 credits)

- ENCS 282 Technical Writing and Communication (3.00)
- ENCS 333 Research Methods, Ethics, Law and Regulation for Computational Biology (3.00)

Health and Life Sciences Electives (12 credits)

12 credits chosen from:

- BIOL 226 Biodiversity and Ecology (3.00)
- BIOL 364 Cell Physiology (3.00)
- BIOL 368 Genetics and Cell Biology Laboratory (3.00)
- BIOL 422 Advanced Statistics for Biological Sciences (3.00)
- BIOL 461 Advanced Genetics (3.00)
- BIOL 466 Advanced Techniques in Molecular Biology (3.00)
- BIOL 475 Biological Computing and Synthetic Biology (3.00)
- BIOL 480 Bioinformatics (3.00)
- BIOL 482 Functional Genomics (3.00)
- BIOL 484 Industrial and Environmental Biotechnology (3.00)
- BIOL 485 Agriculture and Agri-Food Biotechnology (3.00)
- BIOL 486 High-throughput Instrumentation (3.00)
- COEN 432 Applied Machine Learning and Evolutionary Algorithms (3.00)
- COEN 433 Biological Computing and Synthetic Biology (3.00)
- COEN 434 Microfluidic Devices for Synthetic Biology (3.00)
- COMP 339 Combinatorics (3.00)
- COMP 353 Databases (4.00)
- COMP 361 Elementary Numerical Methods (3.00)
- COMP 465 Design and Analysis of Algorithms (3.00)
- COMP 472 Artificial Intelligence (4.00)
- COMP 478 Image Processing (4.00)
- COMP 479 Information Retrieval and Web Search (4.00)
- COMP 493 Computational Biology Team Project (6.00)
- ENGR 213 Applied Ordinary Differential Equations (3.00)

- ENGR 411 Special Technical Report (1.00)
- SOEN 287 Web Programming (3.00)
- SOEN 387 Web-Based Enterprise Application Design (3.00)

Note: Electives may also be taken from amongst 300-level and 400-level courses in BIOL, COEN, COMP, SOEN with permission of the Department.
Note: Students missing one credit of the 90 credits to graduate may take ENGR 411 Special Technical Report (1 credit).

Section 71.75.3 Extended Credit Program

Extended Credit Program: Health and Life Sciences (120 credits)

Students admitted to an Extended Credit Program (ECP) under the provisions of Section 13.3 Admission Requirements or Section 13.8 Selection Process and Notification must successfully complete a minimum of 120 credits including:

90 credits of program requirements as set out in Section 71.75.2 Degree Requirements

9 credits:

- MATH 203 Differential and Integral Calculus I (3.00)
- MATH 204 Vectors and Matrices (3.00)
- MATH 205 Differential and Integral Calculus II (3.00)

12 credits:

- PHYS 204 Mechanics (3.00)
- PHYS 205 Electricity and Magnetism (3.00)
- PHYS 206 Waves and Modern Physics (3.00)
- PHYS 224 Introductory Experimental Mechanics (1.00)
- PHYS 225 Introductory Experimental Electricity (1.00)
- PHYS 226 Introductory Experimental Waves and Modern Physics (1.00)

6 credits:

- CHEM 205 General Chemistry I (3.00)
- CHEM 206 General Chemistry II (3.00)

3 credits:

- BIOL 201 Introductory Biology (3.00)

Section 71.75.4 Honours Program

Notes

Students should refer to Section 16.2 Curriculum Regulations of the Calendar for academic regulations for the honours program. The following regulations are additional requirements for the Honours BCompSc in Health and Life Sciences.

1. Applications to enter an honours program must be submitted to the Office of the Associate Dean (Student Academic Services) at least three months before the start of the term in which the student wishes to enter an honours program.
2. Students must complete at least 30 credits towards their degree before entering an honours program.
3. Students must have a GPA of at least 3.30.
4. Students who are required to withdraw from an honours program may continue in the regular program provided they are in acceptable or conditional standing according to the academic regulations in Section 71.10.3 Academic Regulations.

Course Requirements for Honours Programs

Honours students must fulfill the requirements of the program. In addition, to receive an honours degree, students must:

1. have a final graduation GPA of at least 3.30;
2. successfully complete the course BIOL 368 and one of the Computer Science (COMP) courses listed below as part of their Health and Life Sciences Electives;
3. successfully complete one course from those listed under Project Courses: BCompSc in Health and Life Sciences below as part of their General Electives.

Computer Science Courses: BCompSc in Health and Life Sciences

- COMP 339 Combinatorics (3.00)
- COMP 353 Databases (4.00)
- COMP 465 Design and Analysis of Algorithms (3.00)
- COMP 479 Information Retrieval and Web Search (4.00)

Project Courses: BCompSc in Health and Life Sciences

- BIOL 490 Independent Study (6.00)
- COMP 490 Computer Science Project I (3.00)
- COMP 492 Computer Science Project II (3.00)
- COMP 493 Computational Biology Team Project (6.00)

Section 71.75.5 The Co-operative and C.Edge (Career Edge) Options

The Co-operative and C.Edge Options

For a full description of the Co-operative and C.Edge Options, please refer to Section 24 Institute for Co-operative Education and Section 71.70.7 C.Edge (Career Edge) Option and Reflective Learning Courses of this Calendar.

Undergraduate Program Regular Curriculum Change - GCS-MIAE-3481 - VERSION : 10

Summary and Rationale for Changes

Course changes (and program impacts)

- AERO 431: A lab is being added to AERO 431 and the credit value is consequently increased from 3 to 3.5 credits. This is a highly theoretical course, and adding a lab allows students to have a first-hand experimental experience of aeroelastic phenomena. As such lab sections are required and lab instructor hours will be assigned. With this change, the AERO Option B core will be increased to 54.75 credits.
- Concordia will be switching from 13-week (or 6 ½ weeks in summer) to 12-week (6 week) terms in 2023 and, as such, AERO 462, ENGR 244, ENGR 245, ENGR 311, INDU 423, MECH 321, MECH 361, MECH 371, MECH 375, MECH 447, MECH 453, and MIAE 221 have undergone some minor adaptations. The rest of courses do not require any changes and course outlines can be adapted to reflect the change in the number of weeks.
- AERO 483: ELEC 481 is becoming a pre-requisite for AERO 483 and is being added to the core of Option C of the Aerospace Engineering program. As stressed by instructors of AERO 483, students would perform much better in AERO 483 if they have already completed the topics covered in ELEC 481.
- The course load in AERO 490, INDU 490 and MECH 490 is quite high and the current 4 credits does not reflect the true workload. As recommended by the Canadian Engineering Accreditation Board (CEAB) visiting team during their last visit, the course credits are increased from 4 to 6 to better reflect the actual workload.
- INDU 424: "Introduction to Enterprise Resource Planning" has been offered as a slot course (INDU 498) twice and attracted great interest from students (30 to 40 students registered the course). This course is being added as a technical elective course to the INDU Courses list with course number INDU 424 and its description is added to the calendar. Lectures are given in a computer lab setting with a maximum of 42 students.
- MECH 373 and MECH 411: Mastering instrumentation and measurements is critical in the Mechanical Engineering Program. Previously offered as a technical elective, MECH 411 Instrumentation and Measurements is being renumbered to MECH 373 and introduced to the BEng Mechanical Engineering Core courses. Because students in the engineering program must complete all 200-level before 400-level courses, renumbering the course to 300-level allows students to take it earlier on.
- MECH 344 Machine Element Design: The current version of the course includes too much material. This makes it very complex for both our professors and students to cover/learn the material. To alleviate this issue, the course is being split into a core course (MECH 344) and a new technical elective (MECH 428). The course outlines for both MECH 344 and MECH 428 are included with this dossier. MECH 428 is being added to the Stress Analysis and Design and Manufacturing elective lists in the B.Eng. Mechanical Engineering program.
- MECH 368: As stressed by the instructor, radio signals are too complex to be covered in an introductory course. Also, digital circuits are becoming more and more popular in Capstone projects. As such, more focus will be on digital circuits and less on radio signals. With these changes, ENGR 311 is removed as prerequisite and MIAE 215 is added, instead.

Other program changes - general

- Changes due to increase in credit value of the capstone courses (AERO 490, INDU 490, MECH 490): The core requirements of the Mechanical Engineering program have increased to 87, reducing the elective requirements to 6 credits; the core requirements of the Industrial Engineering program will be 81 credits and the elective requirements 12 credits; and the core requirements of Aerospace Engineering have increased to 38.25, reducing the elective requirements of Option A to 4.5, Option B to 0 (this option is removed from the Calendar), and Option C to 8.25 credits (due both to the increased credit value of AERO 490 and the increased credit value of SOEN 341; see explanation below in the list of changes specific to the BEng Aerospace Engineering program.)

Program changes - BEng in Mechanical Engineering

- With the addition of MECH 373 to the core, and the increase in credits to MECH 490, the technical elective requirements are consequently reduced to 6 credits, so the overall program credit weight does not change.
- "Electives" is being changed to "Group" in elective group titles for consistency.
- MECH 428 has been added to the Design and Manufacturing and Stress Analysis elective groups.

Program changes - BEng in Industrial Engineering

- CEAB has increased the Natural Science (NS) Academic Units (AUs) that we allocate from CEGEP programs. Thus, the additional NS AUs are no longer needed in the INDU program, and the Basic and Natural Sciences requirement is being removed. Combined with the increase to the credit value of INDU 490, the core requirements of INDU program is decreased slightly to 81 credits. The elective requirements are increased to 12 credits.
- Other Industrial Engineering Electives: With more than enough INDU electives available for our students to satisfy their elective requirements of 12 credits, we are choosing to limit the number of courses available to them outside of Industrial Engineering.

Program changes - BEng in Aerospace Engineering

- The total credit weights of Options have been adjusted to accommodate the increase in the Core total credit weight due to the credit value increase of AERO 490, so that the overall program credit weight does not change. The total credit weights of Options A and C electives are reduced and Option B electives are removed completely.
- Option C: In addition, the credit weight of SOEN 341 has increased from 3 credits to 4 credits (course change submitted concurrently in dossier COMP-5126).
- As such, the core requirements of Option C of the Aerospace Engineering program have increased to 46.5 credits, reducing the elective requirements to 8.25. ELEC 481 has also been removed from Option C elective groups, and there have been changes in credit values or titles of other courses (COEN 413, ELEC 351, ELEC 442, SOEN 342, SOEN 343). (See dossiers submitted for the Dept of CSSE (COMP-5126) and the Dept of ECE (ELEC-4001) submitted concurrently.)

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice- Provost, Innovation in Teaching and Learning,
APC, 18 Nov 2022

Approved by:

Mourad Debbabi, Dean, GCS,
GCS Council, 30 Sep 2022

Note: Some items in this dossier were approved at the ECSUSC meeting on March 15, 2022 and by the GCS Council on April 1, 2022.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Ali Akgunduz, Associate Dean (Academic Programs),
ECS Undergraduate Studies Committee, 13 Sep 2022

Approved by:

Martin Pugh, Chair, Department of Mechanical, Industrial and Aerospace Engineering,
Department Council, 31 Aug 2022

Note: Some changes in the dossier were approved at the Department Council meetings of April 22 and May 20, 2022.

Summary of Committee Discussion: Department approval

For Submission to:

Martin Pugh, Chair, Department of Mechanical, Industrial and Aerospace Engineering,
Departmental Council, 31 Aug 2022

Approved by:

Mojtaba Kheiri, Professor,
Undergraduate Curriculum Committee, 26 Jul 2022

Note: Some changes in the dossier were approved by the Undergraduate Curriculum Committee on April 13th, 2022.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
AERO 431 Principles of Aeroelasticity - credit value (increased), PR, description				X	X		X	X		
AERO 462 Turbomachinery and Propulsion - description				X						
AERO 483 Integration of Avionics Systems Change - PR				X	X					
AERO 490 Capstone Aerospace Engineering Design Project Change - cr value (increase)							X			
ENGR 244 Mechanics of Materials - description				X						
ENGR 245 Mechanical Analysis - description				X						
ENGR 311 Transform Calculus and Partial Differential Equations - description				X						
INDU 423				X						

Inventory Control - description										
INDU 424 Introduction to Enterprise Resource Planning - New	X	X	X	X	X		X	X	X	
INDU 490 Capstone Industrial Engineering Design Project - cr value (increase)				X			X	X		
MECH 321 Properties and Failure of Materials - description				X						
MECH 344 Machine Element Design - description (split into MECH 344 and MECH 428)				X						
MECH 361 Fluid Mechanics II - description				X						
MECH 368 Electronics for Mechanical Engineers - description				X	X					
MECH 371 Analysis and Design of Control Systems - description				X						
MECH 373 Instrumentation and Measurements - NEW (re-numbering)	X	X	X	X	X		X	X	X	
MECH 375 Mechanical Vibrations - description				X						
MECH 411	X	X	X	X	X		X	X	X	

Instrumentation and Measurements - Delete (re-numbered to MECH 373)										
MECH 428 Failure Analysis of Machine Systems - New (MECH 344 split)	X	X	X	X	X		X	X	X	
MECH 447 Fundamentals of Vehicle System Design - description, PR, components				X	X			X		
MECH 453 Heating, Ventilation and Air Conditioning Systems - description				X						
MECH 490 Capstone Mechanical Engineering Design Project - cr value (increased)							X			
MIAE 221 Materials Science - description				X						

Program Changes:

	Suspend Admissions	Program Degree Type Change	Program Title Change	Program Require-ments Change	Change to Program Type	Change to Total Credit Value of Program	Change to Primary Campus
BEng in Mechanical Engineering Change				X			
BEng in Industrial Engineering Change				X			
BEng in Aerospace Engineering Change				X			

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
Mechanical Engineering Core - MECH 373 added; MECH 490 cr value increase; overall cr weight adjustments		X	X
Mechanical Engineering BEng Technical Elective List - overall cr weight reduced, terminology		X	X
Aerospace Group: Mechanical Engineering BEng - terminology	X	X	
Design and Manufacturing Group: Mechanical Engineering BEng - MECH 428 added, terminology	X	X	
Systems and Mechatronics: Mechanical Engineering BEng - MECH 411 removed, terminology	X	X	
Thermo-Fluids and Propulsion: Mechanical Engineering BEng - MECH 411 removed, terminology	X	X	
Vehicle Systems: Mechanical Engineering BEng - MECH 411 removed, terminology	X	X	
Stress Analysis: Mechanical Engineering BEng - AERO 431 cr value, MECH 411 removed, MECH 428 added, terminology	X	X	
Industrial Engineering Core - Basic and NS Course removed, INDU 490 cr value increased, overall cr weight decreased		X	X
Basic and Natural Science Courses: Industrial Engineering - Delete	X	X	
Industrial Engineering Electives - overall cr weight increased		X	X
INDU Courses - INDU 424 added		X	
Other Industrial Engineering Electives - courses removed		X	
Aerospace Engineering Core - AERO 490 (cr value increase), overall cr weight increased		X	X
Aerospace Engineering Option Requirements - total credit weight decreased		X	X
Option A — Aerodynamics and Propulsion - total credit weight adjusted		X	X
Option A – Aerodynamics and Propulsion Electives - MECH 411 re-numbered to 373, AERO 431 (cr value), overall cr weight reduced		X	X
Option B – Aerospace Structures and Materials - total credit weight adjusted		X	X

Option B – Aerospace Structures and Materials Core - AERO 431 cr value increase, MECH 411 re-numbered to MECH 373, overall cr weight increased		X	X
Option B - Aerospace Structures and Materials Electives - Delete	X	X	X
Option C — Avionics and Aerospace Systems - total credit weights adjusted		X	X
Option C - Avionics and Aerospace Systems Core - ELEC 481 added, SOEN 341 cr value increased, total cr weight increased		X	X
Option C - Avionics and Aerospace Systems Electives - course changes (title, cr value), ELEC 481 removed, total cr weight reduced		X	X

Regulation Changes:

- Degree Requirements Change

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: BEng in Mechanical Engineering
Calendar Section Type: Program
Description of Change: BEng in Mechanical Engineering Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering
Program Name: BEng in Mechanical Engineering
Program Type: None
Degree: Bachelor/Baccalaureate of Engineering (BEng)

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements

Type of Change: Program Change

Present Text (from 2021) calendar	**Proposed Text**
120 credits BEng in Mechanical Engineering	**120 credits** BEng in Mechanical Engineering
27 credits from the Engineering Core	27 credits from the Engineering Core
~~81.5~~ credits from the Mechanical Engineering Core	87 credits from the Mechanical Engineering Core
~~11.5~~ credits from the Mechanical Engineering Electives	6 credits from the Mechanical Engineering Electives

Rationale:
These changes were made to reflect the modifications made to the Mechanical Engineering Core and Technical Electives found in this dossier. (See rationales for changes submitted concurrently.)

Resource Implications:

None.

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DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Mechanical Engineering Core
Calendar Section Type: Defined group
Description of Change: Mechanical Engineering Core - MECH 373 added; MECH 490 cr value increase; overall cr weight adjustments

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements > BEng in Mechanical Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~**81.50**~~ **credits**	Mechanical Engineering Core	**87 credits**	Mechanical Engineering Core
	~~ENGR~~ 242 Statics (3) ENGR 243 Dynamics (3) ENGR 244 Mechanics of Materials (3.75) ENGR 251 Thermodynamics I (3) ENGR 311 Transform Calculus and Partial Differential Equations (3) ENGR 361 Fluid Mechanics I (3) MECH 321 Properties and Failure of Materials (3.5) MECH 343 Theory of Machines (3.5) MECH 344 Machine Element Design (3) MECH 351 Thermodynamics II (3.5) MECH 352 Heat Transfer I (3.5) MECH 361 Fluid Mechanics II (3.5) MECH 368 Electronics for Mechanical Engineers (3.5) MECH 370 Modelling and Analysis of Dynamic Systems (3.5) MECH 371 Analysis and Design of Control Systems (3.75) MECH 375 Mechanical Vibrations (3.5) MECH 390 Mechanical Engineering Design Project (3.5) MECH 490 Capstone Mechanical Engineering Design Project ~~(4)~~ MIAE 211 Mechanical Engineering Drawing (3.5) MIAE 215 Programming for Mechanical and Industrial Engineers (3.5) MIAE 221 Materials Science (3)		87 credits: ENGR 242 Statics (3) ENGR 243 Dynamics (3) ENGR 244 Mechanics of Materials (3.75) ENGR 251 Thermodynamics I (3) ENGR 311 Transform Calculus and Partial Differential Equations (3) ENGR 361 Fluid Mechanics I (3) MECH 321 Properties and Failure of Materials (3.5) MECH 343 Theory of Machines (3.5) MECH 344 Machine Element Design (3) MECH 351 Thermodynamics II (3.5) MECH 352 Heat Transfer I (3.5) MECH 361 Fluid Mechanics II (3.5) MECH 368 Electronics for Mechanical Engineers (3.5) MECH 370 Modelling and Analysis of Dynamic Systems (3.5) MECH 371 Analysis and Design of Control Systems (3.75) MECH 373 Instrumentation and Measurements (3.5) MECH 375 Mechanical Vibrations (3.5) MECH 390 Mechanical Engineering Design Project (3.5) MECH 490 Capstone Mechanical Engineering Design Project (6) MIAE 211 Mechanical Engineering Drawing (3.5)

Present Text (from 2021) calendar	Proposed Text
MIAE 311 Manufacturing Processes (3) MIAE 312 Engineering Design and Manufacturing Processes Lab (1) MIAE 313 Machine Drawing and Design (3.5) MIAE 380 Product Design and Development (3) ~~Note:~~ Students may replace MECH 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR ~~490 ,~~ their projects must be approved by the Design Committee before the start of the fall term.	MIAE 215 Programming for Mechanical and Industrial Engineers (3.5) MIAE 221 Materials Science (3) MIAE 311 Manufacturing Processes (3) MIAE 312 Engineering Design and Manufacturing Processes Lab (1) MIAE 313 Machine Drawing and Design (3.5) MIAE 380 Product Design and Development (3) Note: Students may replace MECH 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490, their projects must be approved by the ENGR 490 Design Committee before the start of the fall term.

Rationale:

Mastering instrumentation and measurements is critical to Mechanical Engineering so we are including it in the core (MECH 373 Instrumentation and Measurements). Additionally, MECH 490 will increase to 6 credits (see rationale for course change submitted concurrently). These changes have increased the core credits required from 81.5 to 87.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Mechanical Engineering Electives
Calendar Section Type: Defined group
Description of Change: Mechanical Engineering BEng Technical Elective List - overall cr weight reduced, terminology

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements > BEng in Mechanical Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar	Proposed Text
~~11.5~~ **credits** Mechanical Engineering Electives	**6 credits** Mechanical Engineering Electives
~~Students in the Mechanical Engineering program must complete at least 11.5 elective~~ credits ~~from the list of courses below. Courses are listed in groups to facilitate the selection of courses in a particular area of the field.~~	6 credits minimum from the following course lists:
~~11.5 credits~~ minimum from the following course lists:	Aerospace Group: Mechanical Engineering BEng
~~Aerospace Electives:~~ Mechanical Engineering	Design and Manufacturing Group: Mechanical Engineering BEng
Design and Manufacturing ~~Electives:~~ Mechanical Engineering	Systems and Mechatronics Group: Mechanical Engineering BEng
Systems and Mechatronics ~~Electives:~~ Mechanical Engineering	Thermo-Fluids and Propulsion Group: Mechanical Engineering BEng
Thermo-Fluids and Propulsion ~~Electives:~~ Mechanical Engineering	Vehicle Systems Group: Mechanical Engineering BEng
Vehicle Systems ~~Electives:~~ Mechanical Engineering	Stress Analysis Group: Mechanical Engineering BEng
~~Stress~~ Analysis ~~Electives:~~ Mechanical Engineering	0 Notes: Courses are listed in groups to facilitate the selection of courses in a particular area of the field.
~~Note: With~~ permission of the ~~Department,~~ students may take one technical elective outside of the ~~technical elective list. Students~~ must get approval from the ~~Department~~ before registering in the technical elective outside of the ~~technical elective list.~~	With permission of the department students may take one technical elective outside of the groups listed above. Students must get approval from the department before registering in the technical elective outside

Present Text (from 2021) calendar	Proposed Text
	of the groups listed above.

Rationale:

With the addition of MECH 373 to the core, and the increase in credits to MECH 490, the technical elective requirements are consequently reduced to 6 credits, so the overall program credit weight does not change.

"Electives" is being changed to "Group" for consistency.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Aerospace Group: Mechanical Engineering BEng
Calendar Section Type: Defined group
Description of Change: Aerospace Group: Mechanical Engineering BEng - terminology

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements > BEng in Mechanical Engineering > Mechanical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Aerospace ~~Electives:~~ Mechanical ~~Engineering~~	**credits**	Aerospace Group: Mechanical Engineering BEng
AERO 417 Standards, Regulations and Certification (3)		0 AERO 417 Standards, Regulations and Certification (3)
AERO 446 Aerospace Vehicle Performance (3)		AERO 446 Aerospace Vehicle Performance (3)
AERO 455 Computational Fluid Dynamics for Aerospace Applications (3.75)		AERO 455 Computational Fluid Dynamics for Aerospace Applications (3.75)
AERO 462 Turbomachinery and Propulsion (3)		AERO 462 Turbomachinery and Propulsion (3)
AERO 464 Aerodynamics (3)		AERO 464 Aerodynamics (3)
AERO 465 Gas Turbine Design (3.5)		AERO 465 Gas Turbine Design (3.5)
AERO 480 Flight Control Systems (3.5)		AERO 480 Flight Control Systems (3.5)
AERO 482 Avionic Navigation Systems (3)		AERO 482 Avionic Navigation Systems (3)
AERO 485 Introduction to Space Systems (3)		AERO 485 Introduction to Space Systems (3)
AERO 486 Aircraft Stress Analysis (3)		AERO 486 Aircraft Stress Analysis (3)
AERO 487 Design of Aircraft Structures (3)		AERO 487 Design of Aircraft Structures (3)
ENGR 411 Special Technical Report (1)		ENGR 411 Special Technical Report (1)
ENGR 412 Honours Research Project (3)		ENGR 412 Honours Research Project (3)
MECH 498 Topics in Mechanical Engineering (3)		MECH 498 Topics in Mechanical Engineering (3)

Rationale:
The name of the group is changed for consistency with the other groups.

Resource Implications:
None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Design and Manufacturing Group: Mechanical Engineering BEng
Calendar Section Type: Defined group
Description of Change: Design and Manufacturing Group: Mechanical Engineering BEng - MECH 428 added, terminology

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements > BEng in Mechanical Engineering > Mechanical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Design and Manufacturing ~~Electives:~~ Mechanical ~~Engineering~~	**credits**	Design and Manufacturing Group: Mechanical Engineering BEng
ENGR 411 Special Technical Report (1)		0 ENGR 411 Special Technical Report (1)
ENGR 412 Honours Research Project (3)		ENGR 412 Honours Research Project (3)
INDU 372 Quality Control and Reliability (3)		INDU 372 Quality Control and Reliability (3)
INDU 410 Safety Engineering (3)		INDU 410 Safety Engineering (3)
INDU 411 Computer Integrated Manufacturing (3.5)		INDU 411 Computer Integrated Manufacturing (3.5)
INDU 412 Human Factors Engineering (3.5)		INDU 412 Human Factors Engineering (3.5)
MECH 412 Computer-Aided Mechanical Design (3.5)		MECH 412 Computer-Aided Mechanical Design (3.5)
MECH 414 Computer Numerically Controlled Machining (3.5)		MECH 414 Computer Numerically Controlled Machining (3.5)
MECH 421 Mechanical Shaping of Metals and Plastics (3.5)		MECH 421 Mechanical Shaping of Metals and Plastics (3.5)
MECH 422 Mechanical Behaviour of Polymer Composite Materials (3)		MECH 422 Mechanical Behaviour of Polymer Composite Materials (3)
MECH 423 Casting, Welding, Heat Treating, and Non-Destructive Testing (3.5)		MECH 423 Casting, Welding, Heat Treating, and Non-Destructive Testing (3.5)
MECH 424 MEMS — Design and Fabrication (3.5)		MECH 424 MEMS — Design and Fabrication (3.5)
MECH 425 Manufacturing of Composites (3.5)		MECH 425 Manufacturing of Composites (3.5)
MECH 468 Wind Turbine Engineering (3)		MECH 428 Failure Analysis of Machine Systems (3)
MECH 476 Generative Design and Manufacturing in Engineering (3)		MECH 468 Wind Turbine Engineering (3)
MECH 498 Topics in Mechanical Engineering (3)		MECH 476 Generative Design and Manufacturing in Engineering (3)
		MECH 498 Topics in Mechanical Engineering (3)

Present Text (from 2021) calendar	Proposed Text

Rationale:

New course MECH 428 is being added as an elective and "electives" is being changed to "group" in the title for consistency.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Systems and Mechatronics Group: Mechanical Engineering BEng
Calendar Section Type: Defined group
Description of Change: Systems and Mechatronics: Mechanical Engineering BEng - MECH 411 removed, terminology

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements > BEng in Mechanical Engineering > Mechanical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Systems and Mechatronics ~~Electives:~~ Mechanical ~~Engineering~~	**credits**	Systems and Mechatronics Group: Mechanical Engineering BEng
AERO 480 Flight Control Systems (3.5)		0 AERO 480 Flight Control Systems (3.5)
AERO 482 Avionic Navigation Systems (3)		AERO 482 Avionic Navigation Systems (3)
ENGR 411 Special Technical Report (1)		ENGR 411 Special Technical Report (1)
ENGR 412 Honours Research Project (3)		ENGR 412 Honours Research Project (3)
~~MECH 411 Instrumentation and Measurements (3.5)~~		MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)
MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)		MECH 463 Fluid Power Control (3.5)
MECH 463 Fluid Power Control (3.5)		MECH 471 Microcontrollers for Mechatronics (3.5)
MECH 471 Microcontrollers for Mechatronics (3.5)		MECH 472 Mechatronics and Automation (3.5)
MECH 472 Mechatronics and Automation (3.5)		MECH 473 Control System Design (3.5)
MECH 473 Control System Design (3.5)		MECH 474 Mechatronics (3.75)
MECH 474 Mechatronics (3.75)		MECH 498 Topics in Mechanical Engineering (3)
MECH 498 Topics in Mechanical Engineering (3)		

Rationale:
MECH 411 has been re-numbered to MECH 373 and is removed from the list of Systems and Mechatronics electives and added to the core instead. (See rationale for MECH 373 course change, submitted concurrently.) "Electives" is being changed to "group" in the title for consistency.

Resource Implications:
None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Thermo-Fluids and Propulsion Group: Mechanical Engineering BEng
Calendar Section Type: Defined group
Description of Change: Thermo-Fluids and Propulsion: Mechanical Engineering BEng - MECH 411 removed, terminology

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements > BEng in Mechanical Engineering > Mechanical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Thermo-Fluids and Propulsion ~~Electives:~~ Mechanical ~~Engineering~~	**credits**	Thermo-Fluids and Propulsion Group: Mechanical Engineering BEng
AERO 455 Computational Fluid Dynamics for Aerospace Applications (3.75)		0 AERO 455 Computational Fluid Dynamics for Aerospace Applications (3.75)
AERO 462 Turbomachinery and Propulsion (3)		AERO 462 Turbomachinery and Propulsion (3)
AERO 465 Gas Turbine Design (3.5)		AERO 465 Gas Turbine Design (3.5)
ENGR 411 Special Technical Report (1)		ENGR 411 Special Technical Report (1)
ENGR 412 Honours Research Project (3)		ENGR 412 Honours Research Project (3)
~~MECH 411 Instrumentation and Measurements (3.5)~~		MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)
MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)		MECH 451 Renewable Energy: Fundamentals and Applications (3)
MECH 451 Renewable Energy: Fundamentals and Applications (3)		MECH 452 Heat Transfer II (3.5)
MECH 452 Heat Transfer II (3.5)		MECH 453 Heating, Ventilation and Air Conditioning Systems (3)
MECH 453 Heating, Ventilation and Air Conditioning Systems (3)		MECH 461 Gas Dynamics (3.5)
MECH 461 Gas Dynamics (3.5)		MECH 463 Fluid Power Control (3.5)
MECH 463 Fluid Power Control (3.5)		MECH 468 Wind Turbine Engineering (3)
MECH 468 Wind Turbine Engineering (3)		MECH 498 Topics in Mechanical Engineering (3)
MECH 498 Topics in Mechanical Engineering (3)		

Rationale:
MECH 411 has been renumbered to MECH 373 and is removed from the list of Systems and Mechatronics electives and added to the core instead. "Electives" is changed to "group" in the title for consistency.

Resource Implications:
There are no resource implications.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Vehicle Systems Group: Mechanical Engineering BEng
Calendar Section Type: Defined group
Description of Change: Vehicle Systems: Mechanical Engineering BEng - MECH 411 removed, terminology

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements > BEng in Mechanical Engineering > Mechanical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Vehicle Systems ~~Electives:~~ Mechanical ~~Engineering~~	**credits**	Vehicle Systems Group: Mechanical Engineering BEng
ENGR 411 Special Technical Report (1)		0 ENGR 411 Special Technical Report (1)
ENGR 412 Honours Research Project (3)		ENGR 412 Honours Research Project (3)
~~MECH 411 Instrumentation and Measurements (3.5)~~		MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)
MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)		MECH 444 Guided Vehicle Systems (3)
MECH 444 Guided Vehicle Systems (3)		MECH 447 Fundamentals of Vehicle System Design (3)
MECH 447 Fundamentals of Vehicle System Design (3)		MECH 454 Vehicular Internal Combustion Engines (3)
MECH 454 Vehicular Internal Combustion Engines (3)		MECH 473 Control System Design (3.5)
MECH 473 Control System Design (3.5)		MECH 498 Topics in Mechanical Engineering (3)
MECH 498 Topics in Mechanical Engineering (3)		

Rationale:

MECH 411 has been renumbered to MECH 373 and is removed from the list of Systems and Mechatronics electives and added to the core instead. "Electives" is being changed to "group" in the title for consistency.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Stress Analysis Group: Mechanical Engineering BEng
Calendar Section Type: Defined group
Description of Change: Stress Analysis: Mechanical Engineering BEng - AERO 431 cr value, MECH 411 removed, MECH 428 added, terminology

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.1 Course Requirements (BEng in Mechanical Engineering) > Degree Requirements > BEng in Mechanical Engineering > Mechanical Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Stress Analysis ~~Electives:~~ Mechanical ~~Engineering~~	**credits**	Stress Analysis Group: Mechanical Engineering BEng
AERO 431 Principles of Aeroelasticity ~~(3)~~		0 AERO 431 Principles of Aeroelasticity (3.5)
AERO 486 Aircraft Stress Analysis (3)		AERO 486 Aircraft Stress Analysis (3)
ENGR 411 Special Technical Report (1)		ENGR 411 Special Technical Report (1)
ENGR 412 Honours Research Project (3)		ENGR 412 Honours Research Project (3)
~~MECH 411 Instrumentation and Measurements (3.5)~~		MECH 412 Computer-Aided Mechanical Design (3.5)
MECH 412 Computer-Aided Mechanical Design (3.5)		MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)
MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)		MECH 422 Mechanical Behaviour of Polymer Composite Materials (3)
MECH 422 Mechanical Behaviour of Polymer Composite Materials (3)		MECH 426 Stress and Failure Analysis of Machinery (3)
MECH 426 Stress and Failure Analysis of Machinery (3)		MECH 428 Failure Analysis of Machine Systems (3)
MECH 460 Finite Element Analysis (3.75)		MECH 460 Finite Element Analysis (3.75)
MECH 498 Topics in Mechanical Engineering (3)		MECH 498 Topics in Mechanical Engineering (3)

Rationale:

The credit value of AERO 431 has been increased so it is being adjusted in the course list (see rationale of the AERO 431 course change, submitted concurrently).

MECH 411 has been renumbered to MECH 373 and is removed from the list of Systems and Mechatronics electives and added to the core instead.

MECH 428 has been added as a new elective.

"Electives" is changed to "group" in the title for consistency.

Resource Implications:

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Degree Requirements
Calendar Section Type: Regulation
Description of Change: Degree Requirements Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.2 Course Requirements (BEng in Industrial Engineering)

Present Text (from 2021) calendar	Proposed Text
Degree Requirements	Degree Requirements
The program in Industrial Engineering consists of the Engineering Core , the Industrial Engineering Core , and elective credits as shown below. ~~Students must select one course from the list of Basic and Natural Science Courses: Industrial Engineering as part of the Industrial Engineering Core courses.~~ The minimum length of the program is 120 credits.	The program in Industrial Engineering consists of the Engineering Core , the Industrial Engineering Core , and elective credits as shown below. The minimum length of the program is 120 credits.

Rationale:
The Basic and Natural Science requirements are being removed because the Canadian Engineering Accreditation Board is now allowing more Accreditation Units to be claimed for Natural Science content for CEGEP studies, making this component unnecessary to meet the CEAB criteria for Natural Science curriculum content.

Resource Implications:
None

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: BEng in Industrial Engineering
Calendar Section Type: Program
Description of Change: BEng in Industrial Engineering Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering
Program Name: BEng in Industrial Engineering
Program Type: None
Degree: Bachelor/Baccalaureate of Engineering (BEng)

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.2 Course Requirements (BEng in Industrial Engineering) > Degree Requirements

Type of Change: Program Change

Present Text (from 2021) calendar	**Proposed Text**
120 credits BEng in Industrial Engineering	**120 credits** BEng in Industrial Engineering
27 credits from the Engineering Core	27 credits from the Engineering Core
~~82~~ credits from the Industrial Engineering Core	81 credits from the Industrial Engineering Core
~~11~~ credits minimum of Industrial Engineering Electives	12 credits minimum of Industrial Engineering Electives

Rationale:
These changes were made to reflect the modifications made to the Industrial Engineering Core and Technical Electives found in this dossier.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Industrial Engineering Core
Calendar Section Type: Defined group
Description of Change: Industrial Engineering Core - Basic and NS Course removed, INDU 490 cr value increased, overall cr weight decreased

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.2 Course Requirements (BEng in Industrial Engineering) > Degree Requirements > BEng in Industrial Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar	Proposed Text
~~82~~ credits Industrial Engineering Core	**81 credits** Industrial Engineering Core
~~82~~ credits:	81 credits:
ENGR 245 Mechanical Analysis (3)	ENGR 245 Mechanical Analysis (3)
ENGR 251 Thermodynamics I (3)	ENGR 251 Thermodynamics I (3)
ENGR 311 Transform Calculus and Partial Differential Equations (3)	ENGR 311 Transform Calculus and Partial Differential Equations (3)
INDU 211 Introduction to Production and Manufacturing Systems (3)	INDU 211 Introduction to Production and Manufacturing Systems (3)
INDU 311 Simulation of Industrial Systems (3.5)	INDU 311 Simulation of Industrial Systems (3.5)
INDU 320 Production Engineering (3)	INDU 320 Production Engineering (3)
INDU 321 Lean Manufacturing (3)	INDU 321 Lean Manufacturing (3)
INDU 323 Operations Research I (3.5)	INDU 323 Operations Research I (3.5)
INDU 324 Operations Research II (3.5)	INDU 324 Operations Research II (3.5)
INDU 330 Engineering Management (3)	INDU 330 Engineering Management (3)
INDU 342 Logistics Network Models (3)	INDU 342 Logistics Network Models (3)
INDU 371 Stochastic Models in Industrial Engineering (3)	INDU 371 Stochastic Models in Industrial Engineering (3)
INDU 372 Quality Control and Reliability (3)	INDU 372 Quality Control and Reliability (3)
INDU 411 Computer Integrated Manufacturing (3.5)	INDU 411 Computer Integrated Manufacturing (3.5)
INDU 412 Human Factors Engineering (3.5)	INDU 412 Human Factors Engineering (3.5)
INDU 421 Facilities Design and Material Handling Systems (3.5)	INDU 421 Facilities Design and Material Handling Systems (3.5)
INDU 423 Inventory Control (3.5)	INDU 423 Inventory Control (3.5)
INDU 490 Capstone Industrial Engineering Design Project ~~(4)~~	INDU 490 Capstone Industrial Engineering Design Project (6)
MIAE 211 Mechanical Engineering Drawing (3.5)	MIAE 211 Mechanical Engineering Drawing (3.5)

Present Text (from 2021) calendar	Proposed Text
MIAE 215 Programming for Mechanical and Industrial Engineers (3.5) MIAE 221 Materials Science (3) MIAE 311 Manufacturing Processes (3) MIAE 312 Engineering Design and Manufacturing Processes Lab (1) MIAE 313 Machine Drawing and Design (3.5) MIAE 380 Product Design and Development (3) ~~One course chosen from the Basic and Natural Science Courses: Industrial Engineering list below~~ ~~Note:~~ Students may replace INDU 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.	MIAE 215 Programming for Mechanical and Industrial Engineers (3.5) MIAE 221 Materials Science (3) MIAE 311 Manufacturing Processes (3) MIAE 312 Engineering Design and Manufacturing Processes Lab (1) MIAE 313 Machine Drawing and Design (3.5) MIAE 380 Product Design and Development (3) 0 Note: Students may replace INDU 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.

Rationale:

The Basic and Natural Science requirements are being removed because the Canadian Engineering Accreditation Board is now allowing more Accreditation Units to be claimed for Natural Science content for CEGEP studies, making this component unnecessary to meet the CEAB criteria for Natural Science curriculum content. The credit value of INDU 490 (Capstone) is being increased to 6 credits (see course change submitted concurrently). As a result of these changes, the overall credit weight of the Industrial Engineering Core will decrease by one credit.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Basic and Natural Science Courses: Industrial Engineering
Calendar Section Type: Defined group
Description of Change: Basic and Natural Science Courses: Industrial Engineering - Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.2 Course Requirements (BEng in Industrial Engineering) > Degree Requirements > BEng in Industrial Engineering > Industrial Engineering Core

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~Basic and Natural Science Courses: Industrial Engineering~~ ~~Students must complete one course from the following list:~~ ~~BIOL 206 Elementary Genetics (3)~~ ~~BIOL 261 Molecular and General Genetics (3)~~ ~~CHEM 217 Introductory Analytical Chemistry I (3)~~ ~~CHEM 221 Introductory Organic Chemistry I (3)~~ ~~CIVI 231 Geology for Civil Engineers (3)~~ ~~GEOL 206 Earthquakes, Volcanoes, and Plate Tectonics (3)~~ ~~GEOL 208 The Earth, Moon and the Planets (3)~~ ~~PHYS 252 Optics (3)~~ ~~PHYS 260 Introductory Biophysics (3)~~ ~~PHYS 273 Energy and Environment (3)~~ ~~PHYS 284 Introduction to Astronomy (3)~~ ~~PHYS 385 Astrophysic (3)~~	

Rationale:
The Canadian Engineering Accreditation Board has increased the Natural Science (NS) Accreditation Units (AUs) that we are allowed to claim from CEGEP programs. Thus, the additional NS AUs are no longer needed in the Industrial Engineering program.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Industrial Engineering Electives
Calendar Section Type: Defined group
Description of Change: Industrial Engineering Electives - overall cr weight increased

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.2 Course Requirements (BEng in Industrial Engineering) > Degree Requirements > BEng in Industrial Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~11~~ **credits**	Industrial Engineering Electives ~~11~~ credits minimum from ~~the following:~~ ~~At~~ least three INDU Courses ~~With permission of the Department, students~~ may take one ~~technical elective~~ from the Other Industrial Engineering Elective Courses	**12 credits**	Industrial Engineering Electives 12 credits minimum chosen from at least three INDU Courses Students may take no more than one course from the Other Industrial Engineering Elective Courses list.

Rationale:
Due to the reduction of credits in the Industrial Engineering core, from 82 to 81, the Technical Elective requirements for Industrial Engineering students will increase from 11 credits to 12 credits.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: INDU Courses
Calendar Section Type: Defined group
Description of Change: INDU Courses - INDU 424 added

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.2 Course Requirements (BEng in Industrial Engineering) > Degree Requirements > BEng in Industrial Engineering > Industrial Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
INDU Courses	**credits**	INDU Courses
Students must take at least three courses from the following list: INDU 410 Safety Engineering (3) INDU 431 Quantitative Methods in Health-care Systems (3) INDU 441 Introduction to Six Sigma (3) INDU 466 Decision Models in Service Sector (3) INDU 475 Advanced Concepts in Quality Improvement (3) INDU 480 Cases in Industrial Engineering (3) INDU 498 Topics in Industrial Engineering (3)		Students must take at least three courses from the following list: INDU 410 Safety Engineering (3) INDU 424 Introduction to Enterprise Resource Planning (3) INDU 431 Quantitative Methods in Health-care Systems (3) INDU 441 Introduction to Six Sigma (3) INDU 466 Decision Models in Service Sector (3) INDU 475 Advanced Concepts in Quality Improvement (3) INDU 480 Cases in Industrial Engineering (3) INDU 498 Topics in Industrial Engineering (3)

Rationale:
Previously offered as a slot course, INDU 424 is being introduced as a new course available as a Technical Elective (new course proposal submitted concurrently).

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Other Industrial Engineering Elective Courses
Calendar Section Type: Defined group
Description of Change: Other Industrial Engineering Electives - courses removed

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.40 Department of Mechanical, Industrial and Aerospace Engineering > Section 71.40.2 Course Requirements (BEng in Industrial Engineering) > Degree Requirements > BEng in Industrial Engineering > Industrial Engineering Electives

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Other Industrial Engineering Elective Courses	**credits**	Other Industrial Engineering Elective Courses
~~With permission, students~~ may take one course from the following list: BSTA 478 Data Mining Techniques (3) BTM ~~430 Enterprise Resource Planning and Information Technology Integration (3)~~ ~~BTM~~ 480 Project Management (3) ENGR ~~361 Fluid Mechanics I (3)~~ ~~ENGR~~ 411 Special Technical Report (1) ENGR 412 Honours Research Project (3) MANA 300 Entrepreneurship: Launching Your Business (3) ~~MECH 321 Properties and Failure of Materials (3.5)~~ ~~MECH 370 Modelling and Analysis of Dynamic Systems (3.5)~~ ~~MECH 412 Computer-Aided Mechanical Design (3.5)~~ ~~MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3)~~ ~~MECH 421 Mechanical Shaping of Metals and Plastics (3.5)~~ ~~MECH 423 Casting, Welding, Heat Treating, and Non-Destructive Testing (3.5)~~ ~~MECH 425 Manufacturing of Composites (3.5)~~		0 Students may take no more than one course from the following list: BSTA 478 Data Mining Techniques (3) BTM 480 Project Management (3) ENGR 411 Special Technical Report (1) ENGR 412 Honours Research Project (3) MANA 300 Entrepreneurship: Launching Your Business (3)

Rationale:

With more than enough INDU electives available for our students to satisfy their elective requirements of 12 credits, we are choosing to limit the number of courses available to them outside of Industrial Engineering.

Resource Implications:

None.

PROGRAM CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: BEng in Aerospace Engineering
Calendar Section Type: Program
Description of Change: BEng in Aerospace Engineering Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering
Program Name: BEng in Aerospace Engineering
Program Type: None
Degree: Bachelor/Baccalaureate of Engineering (BEng)

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements

Type of Change: Program Change

Present Text (from 2021) calendar	**Proposed Text**
120 credits BEng in Aerospace Engineering	**120 credits** BEng in Aerospace Engineering
27 credits from the Engineering Core	27 credits from the Engineering Core
~~36.25~~ credits from the Aerospace Engineering Core	38.25 credits from the Aerospace Engineering Core
~~56.75~~ credits from one of the following options	54.75 credits from one of the following options
Option A — Aerodynamics and Propulsion	Option A — Aerodynamics and Propulsion
Option B – Aerospace Structures and Materials	Option B – Aerospace Structures and Materials
Option C — Avionics and Aerospace Systems	Option C — Avionics and Aerospace Systems

Rationale:

These changes were made to reflect the modifications made to the Aerospace Engineering Core and Technical Electives found in this dossier.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Aerospace Engineering Core
Calendar Section Type: Defined group
Description of Change: Aerospace Engineering Core - AERO 490 (cr value increase), overall cr weight increased

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~36.25~~ **credits**	Aerospace Engineering Core	**38.25 credits**	Aerospace Engineering Core
	AERO 201 Introduction to Flight and Aerospace Systems (4) AERO 290 Introduction to Aircraft Design (3) AERO 371 Modelling and Control Systems (3.5) AERO 390 Aerospace Engineering Design Project (3) AERO 417 Standards, Regulations and Certification (3) AERO 490 Capstone Aerospace Engineering Design Project ~~(4)~~ ENGR 242 Statics (3) ENGR 243 Dynamics (3) ENGR 244 Mechanics of Materials (3.75) ENGR 251 Thermodynamics I (3) ENGR 361 Fluid Mechanics I (3)		0 AERO 201 Introduction to Flight and Aerospace Systems (4) AERO 290 Introduction to Aircraft Design (3) AERO 371 Modelling and Control Systems (3.5) AERO 390 Aerospace Engineering Design Project (3) AERO 417 Standards, Regulations and Certification (3) AERO 490 Capstone Aerospace Engineering Design Project (6) ENGR 242 Statics (3) ENGR 243 Dynamics (3) ENGR 244 Mechanics of Materials (3.75) ENGR 251 Thermodynamics I (3) ENGR 361 Fluid Mechanics I (3)
	~~Note:~~ Students may replace AERO 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.		0 Note: Students may replace AERO 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.

Rationale:

The credit value for AERO 490 Capstone Aerospace Engineering Design Project has increased from 4 credits to 6 credits (see course change submitted concurrently), increasing the Core requirements to 38.25 credits.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Aerospace Engineering Option Requirements
Calendar Section Type: Defined group
Description of Change: Aerospace Engineering Option Requirements - total credit weight decreased

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~**56.75**~~ **credits**	Aerospace Engineering Option Requirements Students in the Aerospace Engineering program must complete at least ~~56.75~~ elective credits from within one of the following options: Option A — Aerodynamics and Propulsion Option B – Aerospace Structures and Materials Option C — Avionics and Aerospace Systems	**54.75 credits**	Aerospace Engineering Option Requirements Students in the Aerospace Engineering program must complete at least 54.75 elective credits from within one of the following options: Option A — Aerodynamics and Propulsion Option B – Aerospace Structures and Materials Option C — Avionics and Aerospace Systems

Rationale:
Rationale: The total credit weight is being adjusted to reflect a reduction in total credit weight of the Options (refer to rationales for changes to the Options submitted concurrently).

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Option A — Aerodynamics and Propulsion
Calendar Section Type: Defined group
Description of Change: Option A — Aerodynamics and Propulsion - total credit weight adjusted

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering > Aerospace Engineering Option Requirements

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~56.75~~ **credits**	Option A — Aerodynamics and Propulsion	**54.75 credits**	Option A — Aerodynamics and Propulsion
	50.25 compulsory credits from Option A – Aerodynamics and Propulsion Core		50.25 compulsory credits from Option A – Aerodynamics and Propulsion Core
	~~6.5~~ credits minimum from Option A – Aerodynamics and Propulsion Electives .		4.5 credits minimum from Option A – Aerodynamics and Propulsion Electives .

Rationale:
The total credit weight of the Electives and Option is being adjusted to reflect changes to this Option (see rationale for changes to Option A Electives, submitted concurrently).

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Option A – Aerodynamics and Propulsion Electives
Calendar Section Type: Defined group
Description of Change: Option A – Aerodynamics and Propulsion Electives - MECH 411 re-numbered to 373, AERO 431 (cr value), overall cr weight reduced

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering > Aerospace Engineering Option Requirements > Option A — Aerodynamics and Propulsion

Type of Change: Defined Group Change

Present Text (from 2021) calendar	Proposed Text
~~6.5~~ credits Option A – Aerodynamics and Propulsion Electives	**4.5 credits** Option A – Aerodynamics and Propulsion Electives
~~6.5~~ credits minimum from the following courses: AERO 431 Principles of Aeroelasticity ~~(3)~~ AERO 471 Aircraft Hydro-Mechanical and Fuel Systems (3.5) AERO 472 Aircraft Pneumatic and Electrical Power Systems (3.5) AERO 480 Flight Control Systems (3.5) AERO 482 Avionic Navigation Systems (3) AERO 485 Introduction to Space Systems (3) AERO 486 Aircraft Stress Analysis (3) ENGR 411 Special Technical Report (1) ENGR 412 Honours Research Project (3) INDU 372 Quality Control and Reliability (3) INDU 412 Human Factors Engineering (3.5) MECH 368 Electronics for Mechanical Engineers (3.5) MECH ~~375 Mechanical Vibrations (3.5)~~ ~~MECH 411~~ Instrumentation and Measurements (3.5) MECH 426 Stress and Failure Analysis of Machinery (3) MECH 452 Heat Transfer II (3.5) MECH 453 Heating, Ventilation and Air Conditioning Systems (3) MECH 460 Finite Element Analysis (3.75) MECH 498 Topics in Mechanical Engineering (3)	4.5 credits minimum chosen from the following courses: AERO 431 Principles of Aeroelasticity (3.5) AERO 471 Aircraft Hydro-Mechanical and Fuel Systems (3.5) AERO 472 Aircraft Pneumatic and Electrical Power Systems (3.5) AERO 480 Flight Control Systems (3.5) AERO 482 Avionic Navigation Systems (3) AERO 485 Introduction to Space Systems (3) AERO 486 Aircraft Stress Analysis (3) ENGR 411 Special Technical Report (1) ENGR 412 Honours Research Project (3) INDU 372 Quality Control and Reliability (3) INDU 412 Human Factors Engineering (3.5) MECH 368 Electronics for Mechanical Engineers (3.5) MECH 373 Instrumentation and Measurements (3.5) MECH 375 Mechanical Vibrations (3.5) MECH 426 Stress and Failure Analysis of Machinery (3) MECH 452 Heat Transfer II (3.5) MECH 453 Heating, Ventilation and Air Conditioning Systems (3) MECH 460 Finite Element Analysis (3.75) MECH 498 Topics in Mechanical Engineering (3)

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Present Text (from 2021) calendar	Proposed Text
Note: Students may take no more than one of the following courses: AERO 486 , MECH 375, MECH 426 , MECH 460 . Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.	Note: Students may take no more than one of the following courses: AERO 486 , MECH 375, MECH 426 , MECH 460 . Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.

Rationale:

- MECH 411 has been re-numbered to MECH 373 (see course deletion and new course submitted concurrently), so this is being changed in the course list.
- The credit value of AERO 431 is increasing from 3 to 3.5 credits (course change submitted concurrently), so this is being changed in the course list.
- Due to the increase in the credit value of AERO 490 from 4 to 6 credits (changed in the course list), the Aerospace Engineering Core credits are increasing by 2 credits (see change submitted concurrently). The technical elective requirements are being reduced by 2 credits, so that the overall program credit weight does not change.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Option B – Aerospace Structures and Materials
Calendar Section Type: Defined group
Description of Change: Option B – Aerospace Structures and Materials - total credit weight adjusted

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering > Aerospace Engineering Option Requirements

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~**56.75**~~ **credits**	Option B – Aerospace Structures and Materials	**54.75 credits**	Option B – Aerospace Structures and Materials
	~~54.25~~ compulsory credits from Option B – Aerospace Structures and Materials Core ~~2.5 credits minimum from Option B – Aerospace Structures and Materials Electives~~		54.75 compulsory credits from Option B – Aerospace Structures and Materials Core

Rationale:
The total credit weight of the Electives and Option is being adjusted here to reflect changes being submitted for this Option (see rationale for Option C Core change and deletion of Option B Electives, submitted concurrently).

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Option B – Aerospace Structures and Materials Core
Calendar Section Type: Defined group
Description of Change: Option B – Aerospace Structures and Materials Core - AERO 431 cr value increase, MECH 411 re-numbered to MECH 373, overall cr weight increased

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering > Aerospace Engineering Option Requirements > Option B – Aerospace Structures and Materials

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~54.25~~ **credits**	Option B – Aerospace Structures and Materials Core	**54.75 credits**	Option B – Aerospace Structures and Materials Core
	AERO 431 Principles of Aeroelasticity ~~(3)~~		0 AERO 431 Principles of Aeroelasticity (3.5)
	AERO 481 Materials Engineering for Aerospace (3.5)		AERO 481 Materials Engineering for Aerospace (3.5)
	AERO 486 Aircraft Stress Analysis (3)		AERO 486 Aircraft Stress Analysis (3)
	AERO 487 Design of Aircraft Structures (3)		AERO 487 Design of Aircraft Structures (3)
	ENGR 311 Transform Calculus and Partial Differential Equations (3)		ENGR 311 Transform Calculus and Partial Differential Equations (3)
	MECH 343 Theory of Machines (3.5)		MECH 343 Theory of Machines (3.5)
	MECH 352 Heat Transfer I (3.5)		MECH 352 Heat Transfer I (3.5)
	MECH ~~375 Mechanical Vibrations (3.5)~~ ~~MECH 411~~ Instrumentation and Measurements (3.5)		MECH 373 Instrumentation and Measurements (3.5)
			MECH 375 Mechanical Vibrations (3.5)
	MECH 412 Computer-Aided Mechanical Design (3.5)		MECH 412 Computer-Aided Mechanical Design (3.5)
	MECH 460 Finite Element Analysis (3.75)		MECH 460 Finite Element Analysis (3.75)
	MIAE 211 Mechanical Engineering Drawing (3.5)		MIAE 211 Mechanical Engineering Drawing (3.5)
	MIAE 215 Programming for Mechanical and Industrial Engineers (3.5)		MIAE 215 Programming for Mechanical and Industrial Engineers (3.5)
	MIAE 221 Materials Science (3)		MIAE 221 Materials Science (3)
	MIAE 311 Manufacturing Processes (3)		MIAE 311 Manufacturing Processes (3)
	MIAE 312 Engineering Design and Manufacturing Processes Lab (1)		MIAE 312 Engineering Design and Manufacturing Processes Lab (1)
	MIAE 313 Machine Drawing and Design (3.5)		MIAE 313 Machine Drawing and Design (3.5)

Present Text (from 2021) calendar	Proposed Text

Rationale:

- The credit value of AERO 431 is increasing by .5 credits (see course change submitted concurrently) The overall credits required is therefore increasing from 54.25 to 54.75 credits.
- MECH 411 has been renumbered to MECH 373 (see course deletion and new course submitted concurrently); this is being change in the course list.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Option B — Aerospace Structures and Materials Electives
Calendar Section Type: Defined group
Description of Change: Option B - Aerospace Structures and Materials Electives - Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering > Aerospace Engineering Option Requirements > Option B – Aerospace Structures and Materials

Type of Change: Defined Group Deletion

Present Text (from 2021) calendar	Proposed Text
~~2.5~~ **credits** ~~Option B — Aerospace Structures and Materials Electives~~ ~~2.5 credits minimum from the following courses:~~ ~~AERO 471 Aircraft Hydro-Mechanical and Fuel Systems (3.5)~~ ~~AERO 472 Aircraft Pneumatic and Electrical Power Systems (3.5)~~ ~~AERO 480 Flight Control Systems (3.5)~~ ~~AERO 482 Avionic Navigation Systems (3)~~ ~~ENGR 411 Special Technical Report (1)~~ ~~ENGR 412 Honours Research Project (3)~~ ~~INDU 372 Quality Control and Reliability (3)~~ ~~INDU 412 Human Factors Engineering (3.5)~~ ~~MECH 344 Machine Element Design (3)~~ ~~MECH 351 Thermodynamics II (3.5)~~ ~~MECH 361 Fluid Mechanics II (3.5)~~ ~~MECH 368 Electronics for Mechanical Engineers (3.5)~~ ~~MECH 422 Mechanical Behaviour of Polymer Composite Materials (3)~~ ~~MECH 425 Manufacturing of Composites (3.5)~~ ~~MECH 426 Stress and Failure Analysis of Machinery (3)~~ ~~MECH 476 Generative Design and Manufacturing in Engineering (3)~~ ~~MECH 498 Topics in Mechanical Engineering (3)~~ ~~Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.~~	

Rationale:

Due to an increase in the Aerospace Engineering Core credits (38.25) and an increase to the Option B Core (54.75), students in this option will no longer be required to take technical elective credits to fulfill their program requirements. (The overall program credit weight of the Aerospace Engineering program, therefore, does not change.)

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Option C — Avionics and Aerospace Systems
Calendar Section Type: Defined group
Description of Change: Option C — Avionics and Aerospace Systems - total credit weights adjusted

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering > Aerospace Engineering Option Requirements

Type of Change: Defined Group Change

	Present Text (from 2021) calendar		Proposed Text
~~56.75~~ **credits**	Option C — Avionics and Aerospace Systems	**54.75 credits**	Option C — Avionics and Aerospace Systems
	~~42~~ compulsory credits from the Option C — Avionics and Aerospace Systems Core		46.5 compulsory credits from the Option C — Avionics and Aerospace Systems Core
	~~14.75~~ credits minimum from the Option C — Avionics and Aerospace Systems Electives		8.25 credits minimum from the Option C — Avionics and Aerospace Systems Electives
	Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.		Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.

Rationale:
The total credit weights are being adjusted to reflect changes being submitted for this Option (see rationale for changes to Option C Core and Electives, submitted concurrently).

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Option C — Avionics and Aerospace Systems Core
Calendar Section Type: Defined group
Description of Change: Option C - Avionics and Aerospace Systems Core - ELEC 481 added, SOEN 341 cr value increased, total cr weight increased

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering > Aerospace Engineering Option Requirements > Option C — Avionics and Aerospace Systems

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~42~~ credits	Option C — Avionics and Aerospace Systems Core	**46.5 credits**	Option C — Avionics and Aerospace Systems Core
	AERO 482 Avionic Navigation Systems (3)		0 AERO 482 Avionic Navigation Systems (3)
	AERO 483 Integration of Avionics Systems (3)		AERO 483 Integration of Avionics Systems (3)
	COEN 212 Digital Systems Design I (3.5)		COEN 212 Digital Systems Design I (3.5)
	COEN 231 Introduction to Discrete Mathematics (3)		COEN 231 Introduction to Discrete Mathematics (3)
	COEN 243 Programming Methodology I (3.5)		COEN 243 Programming Methodology I (3.5)
	COEN 244 Programming Methodology II (3)		COEN 244 Programming Methodology II (3)
	COEN 311 Computer Organization and Software (3.5)		COEN 311 Computer Organization and Software (3.5)
	COEN 352 Data Structures and Algorithms (3)		COEN 352 Data Structures and Algorithms (3)
	ELEC 242 Continuous-Time Signals and Systems (3)		ELEC 242 Continuous-Time Signals and Systems (3)
	ELEC 273 Basic Circuit Analysis (3.5)		ELEC 273 Basic Circuit Analysis (3.5)
	ELEC 342 Discrete-Time Signals and Systems (3.5)		ELEC 342 Discrete-Time Signals and Systems (3.5)
	ELEC 483 Real-Time Computer Control Systems (3.5)		ELEC 481 Linear Systems (3.5)
	SOEN 341 Software Process and Practices ~~(3)~~		ELEC 483 Real-Time Computer Control Systems (3.5)
			SOEN 341 Software Process and Practices (4)

Rationale:

- The instructor of AERO 483 stressed the fact that students would perform much better in AERO 483 if they have already completed

the topics covered in ELEC 481. Therefore, ELEC 481 is being added to the Option C Core.

- The credit weight of SOEN 341 is being increased from 3 to 4 credits (see course change submitted concurrently in dossier COMP-5126).
- The Option C Core will therefore be increased to 46.5 credits. (The technical electives will be decreased to 8.25 credits so that the overall program credit weight does not change - see change submitted concurrently.)

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: Option C — Avionics and Aerospace Systems Electives
Calendar Section Type: Defined group
Description of Change: Option C - Avionics and Aerospace Systems Electives - course changes (title, cr value), ELEC 481 removed, total cr weight reduced

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.55 Aerospace Engineering > Course Requirements (BEng in Aerospace Engineering) > Degree Requirements > BEng in Aerospace Engineering > Aerospace Engineering Option Requirements > Option C — Avionics and Aerospace Systems

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text	
~~14.75~~ **credits**	Option C — Avionics and Aerospace Systems Electives	**8.25 credits**	Option C — Avionics and Aerospace Systems Electives
	~~14.75~~ credits minimum from the following courses: AERO 471 Aircraft Hydro-Mechanical and Fuel Systems (3.5) AERO 472 Aircraft Pneumatic and Electrical Power Systems (3.5) AERO 480 Flight Control Systems (3.5) COEN 313 Digital Systems Design II (3.5) COEN 317 Microprocessor-Based Systems (3.5) COEN 320 Introduction to Real-Time Systems (3) COEN 346 Operating Systems (3.5) COEN 366 Communication Networks and Protocols (3.5) COEN 413 Hardware Functional Verification ~~(3)~~ COEN 421 Embedded Systems Design (4) COEN 498 Topics in Computer Engineering (3) ELEC 251 Fundamentals of Applied Electromagnetics (3) ELEC 311 Electronics I (3.5) ELEC 331 Fundamentals of Electrical Power Engineering (3.5) ELEC 351 Electromagnetic Waves and Guiding Structures ~~(3)~~ ELEC 367 Introduction to Digital		8.25 credits minimum chosen from the following courses: AERO 471 Aircraft Hydro-Mechanical and Fuel Systems (3.5) AERO 472 Aircraft Pneumatic and Electrical Power Systems (3.5) AERO 480 Flight Control Systems (3.5) COEN 313 Digital Systems Design II (3.5) COEN 317 Microprocessor-Based Systems (3.5) COEN 320 Introduction to Real-Time Systems (3) COEN 346 Operating Systems (3.5) COEN 366 Communication Networks and Protocols (3.5) COEN 413 Hardware Functional Verification (3.5) COEN 421 Embedded Systems Design (4) COEN 498 Topics in Computer Engineering (3) ELEC 251 Fundamentals of Applied Electromagnetics (3) ELEC 311 Electronics I (3.5) ELEC 331 Fundamentals of Electrical Power Engineering (3.5) ELEC 351 Electromagnetic Waves and Guiding

Present Text (from 2021) calendar	Proposed Text
Communications (3.5) ELEC 433 Power Electronics (3.5) ELEC 442 ~~Digital~~ Signal Processing (3) ELEC 458 Techniques in Electromagnetic Compatibility (3) ELEC 464 Wireless Communications (3) ELEC ~~481 Linear Systems (3.5)~~ ~~ELEC~~ 482 System Optimization (3.5) ELEC 498 Topics in Electrical Engineering (3) ENGR 411 Special Technical Report (1) SOEN 342 Software Requirements and Deployment ~~(3)~~ SOEN 343 Software Architecture and Design ~~(3)~~ Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.	Structures (3.5) ELEC 367 Introduction to Digital Communications (3.5) ELEC 433 Power Electronics (3.5) ELEC 442 Advanced Signal Processing (3) ELEC 458 Techniques in Electromagnetic Compatibility (3) ELEC 464 Wireless Communications (3) ELEC 482 System Optimization (3.5) ELEC 498 Topics in Electrical Engineering (3) ENGR 411 Special Technical Report (1) SOEN 342 Software Requirements and Deployment (4) SOEN 343 Software Architecture and Design (4) Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.

Rationale:

- The credit values have changed for COEN 413, ELEC 351, SOEN 342 and SOEN 343 and the title of ELEC 442 is being changed (see dossiers submitted by the Dept of CSSE (COMP-5126) and Dept of ECE (ELEC-4001) submitted concurrently), so these are being updated in the course list.
- ELEC 481 is being moved from this list to the Option C Core (refer to rationale for the Option C Core change, submitted concurrently).
- The Aerospace Core total credit weight has increased from 42 to 46.5 credits due to increases of course credit values (see changes submitted concurrently). The total credits of technical elective credits required is being reduced from 14.75 to 8.25 credits, so that the overall program credit weight does not change.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: AERO 431
Calendar Section Type: Course
Description of Change: AERO 431 Principles of Aeroelasticity - credit value (increased), PR, description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Aerospace Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
AERO 431 Principles of Aeroelasticity (~~3~~ credits)	AERO 431 Principles of Aeroelasticity (3.5 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ENGR ~~243 ,~~ ~~ENGR~~ 361 ; MECH 375 .	The following courses must be completed previously: ENGR 361 ; MECH 375 .
Description :	*Description :*
This course covers the following topics: aerodynamic loading of elastic airfoils; phenomenon of divergence; effect of flexible control surface on divergence of main structure; divergence of one- and two-dimensional wing models; phenomenon of flutter; flutter of two- and three-dimensional wings; flutter prevention and control; panel flutter in high-speed vehicles, flutter of turbomachine bladings, ~~galloping~~ vortex-induced oscillations, bridge buffeting.	This course covers the following topics: aerodynamic loading of elastic airfoils; phenomenon of divergence; effect of flexible control surface on divergence of main structure; divergence of one- and two-dimensional wing models; phenomenon of flutter; flutter of two- and three-dimensional wings; flutter prevention and control; panel flutter in high-speed vehicles, flutter of turbomachine bladings, galloping, vortex-induced oscillations, bridge buffeting.
Component(s):	*Component(s):*
Lecture (3 hours per week)	Lecture (3 hours per week) ; Laboratory (2 hours per week, alternate weeks.)
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for MECH 431 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for MECH 431 may not take this course for credit.

Rationale:
1. AERO 431 is a highly theoretical course. We are adding a lab to allow students to have a first-hand experimental experience of the aeroelastic phenomenon, such as divergence and flutter. The credit value will consequently increase from 3 to 3.5 credits.
2. Our students must complete 200-level courses before taking 400-level courses. Thus, there is no need to keep ENGR 243 as a prerequisite.

Impact:
The credit value of AERO 431 must be changed where it is listed in the following programs: BEng Mechanical Engineering (Electives - Stress Analysis); Aerospace Engineering (Option A Electives); Aerospace Engineering - Option B (core) (changes are being submitted concurrently).

Resource Implications:
Lab instructors will be needed for this course.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: AERO 462
Calendar Section Type: Course
Description of Change: AERO 462 Turbomachinery and Propulsion - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Aerospace Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
AERO 462 Turbomachinery and Propulsion (3 credits)	AERO 462 Turbomachinery and Propulsion (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: MECH 351 , MECH 361 .	The following courses must be completed previously: MECH 351 , MECH 361 .
Description :	*Description :*
~~Aircraft design process, preliminary sizing and thrust requirements. Rotary and fixed wing aerodynamics and stability. Helicopter configurations. Structure and fatigue design considerations. Review~~ of the gas turbine cycle and components ~~arrangement. Turbo-propulsion: turboprop,~~ turbofan, turbojet and ~~turboshafts. Energy~~ transfer in turbo- ~~machines: Euler~~ equation, velocity ~~triangles. Dimensional~~ analysis of ~~turbomachines. Flow~~ in ~~turbomachines. Three-dimensional~~ flow in ~~turbomachines. Mechanisms~~ of losses in ~~turbomachines. Axial-flow~~ turbines and ~~compressors. Centrifugal compressors. Compressor~~ and turbine performance maps; surge and stall.	This course covers the following topics: review of the gas turbine cycle and components arrangement; turbo-propulsion (turboprop, turbofan, turbojet and turboshafts); energy transfer in turbo- machines (Euler equation, velocity triangles); dimensional analysis of turbomachines; flow in turbomachines; three-dimensional flow in turbomachines; mechanisms of losses in turbomachines; axial-flow turbines and compressors; centrifugal compressors; compressor and turbine performance maps; surge and stall.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week)	Lecture (3 hours per week) ; Tutorial (1 hour per week)
Notes :	*Notes :*
Equivalent Courses : This course is equivalent to MECH 462. Students who have received credit for MECH 462 may not take this course for credit.	**Equivalent Courses :** This course is equivalent to MECH 462. Students who have received credit for MECH 462 may not take this course for credit.
Anti-requisite Courses : Students who have received credit for MECH 468 may not take this course for credit.	**Anti-requisite Courses :** Students who have received credit for MECH 468 may not take this course for credit.

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6-week in summer) terms in 2023 and, as such,

we need to adapt some of our course descriptions. The topics being removed in this course were not being covered under the 13-week format. The description is also being revised so that it is in complete sentences.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: AERO 483
Calendar Section Type: Course
Description of Change: AERO 483 Integration of Avionics Systems
Change - PR

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Aerospace Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
AERO 483 Integration of Avionics Systems (3 credits)	AERO 483 Integration of Avionics Systems (3 credits)
Prerequisites:	*Prerequisites:*
The following ~~course~~ must be completed previously: AERO 482 .	The following courses must be completed previously: AERO 482 ; ELEC 481 .
Description :	*Description :*
~~Introduction~~ to the basic principles of integration of avionics systems; review of Earth's geometry and Newton's laws; inertial navigation sensors and systems (INS); errors and uncertainty in navigation; Global Positioning System (GPS); differential and carrier tracking GPS applications; terrestrial radio navigation systems; Kalman filtering; integration of navigation systems using Kalman filtering; integration of GPS and INS using Kalman filtering.	This course covers the following topics: introduction to the basic principles of integration of avionics systems; review of Earth's geometry and Newton's laws; inertial navigation sensors and systems (INS); errors and uncertainty in navigation; Global Positioning System (GPS); differential and carrier tracking GPS applications; terrestrial radio navigation systems; Kalman filtering; integration of navigation systems using Kalman filtering; integration of GPS and INS using Kalman filtering.
Component(s):	*Component(s):*
Lecture (3 hours per week)	Lecture (3 hours per week)
Notes :	*Notes :*
Equivalent Courses : This course is equivalent to ENGR 418. Students who have received credit for ENGR 418 may not take this course for credit.	**Equivalent Courses :** This course is equivalent to ENGR 418. Students who have received credit for ENGR 418 may not take this course for credit.

Rationale:
The instructor of AERO 483, stressed on the fact that students would perform much better in AERO 483 if they have already completed the topics covered in ELEC 481 (Linear Systems). Therefore, ELEC 481 is being added to the prerequisites. We are also revising the description so that it is in complete sentences.

Resource Implications:
None.

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COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: AERO 490
Calendar Section Type: Course
Description of Change: AERO 490 Capstone Aerospace Engineering Design Project Change - cr value (increase)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Aerospace Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
AERO 490 Capstone Aerospace Engineering Design Project (4 credits)	AERO 490 Capstone Aerospace Engineering Design Project (6 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: AERO 390 ; ENGR 301 . Students must have completed 75 credits in the program prior to enrolling.	The following courses must be completed previously: AERO 390 ; ENGR 301 . Students must have completed 75 credits in the program prior to enrolling.
Description :	*Description :*
This course includes a supervised design, simulation or experimental capstone design project including a preliminary project proposal with complete project plan and a technical report at the end of the fall term; a final report by the group and presentation at the end of the winter term.	This course includes a supervised design, simulation or experimental capstone design project including a preliminary project proposal with complete project plan and a technical report at the end of the fall term; a final report by the group and presentation at the end of the winter term.
Component(s):	*Component(s):*
Lecture (1 hour per week, one term) ; Laboratory (Equivalent time, 3 hours per week, two terms)	Lecture (1 hour per week, one term) ; Laboratory (Equivalent time, 3 hours per week, two terms)
Notes :	*Notes :*
Equivalent Courses : With permission of the Department, students may enrol in MECH 490 instead of AERO 490 on the condition that they choose to complete an aerospace - oriented project.	**Equivalent Courses :** With permission of the Department, students may enrol in MECH 490 instead of AERO 490 on the condition that they choose to complete an aerospace - oriented project.
Other note : Students will work in groups under direct supervision of a faculty member.	**Other note :** Students will work in groups under direct supervision of a faculty member.

Rationale:

The course load is quite high and the current 4 credits does not reflect the true workload. Hence, the course credit value is being increased to 6 credits to better reflect the actual workload. This was recommended by the CEAB visitors during their last visit.

Impact: This is a required course in the BEng in Aerospace Engineering (Core); a change is being submitted concurrently.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: ENGR 244
Calendar Section Type: Course
Description of Change: ENGR 244 Mechanics of Materials - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ENGR 244 Mechanics of Materials (3.75 credits)	ENGR 244 Mechanics of Materials (3.75 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ENGR 213 ; ENGR 242 or ENGR 245 . The following courses must be completed previously or concurrently: ENGR 233 .	The following courses must be completed previously: ENGR 213 ; ENGR 242 or ENGR 245 . The following courses must be completed previously or concurrently: ENGR 233 .
Description :	*Description :*
~~Mechanical~~ behaviour of materials; stress; strain; shear and bending moment diagrams; ~~introduction to inelastic action. Analysis~~ and design of structural and machine elements subjected to axial, torsional, and flexural ~~loadings. Combined~~ stresses and stress ~~transformation. Deflections. Introduction~~ to elastic ~~stability.~~	This course covers the following topics: mechanical behaviour of materials; stress; strain; review of shear and bending moment diagrams; analysis and design of structural and machine elements subjected to axial, torsional, and flexural loadings; combined stresses and stress transformation; deflections; introduction to elastic stability and buckling behaviour.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory (3 hours per week, alternate weeks)	Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory (3 hours per week, alternate weeks)
Notes :	*Notes :*

Rationale:
The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6 week) terms in 2023 and, as such, we need to adapt some of our course descriptions. We are also revising the description so that it is in complete sentences.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: ENGR 245
Calendar Section Type: Course
Description of Change: ENGR 245 Mechanical Analysis - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ENGR 245 Mechanical Analysis (3 credits)	ENGR 245 Mechanical Analysis (3 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: PHYS 204 . The following course must be completed previously or concurrently: ENGR 213 .	The following course must be completed previously: PHYS 204 . The following course must be completed previously or concurrently: ENGR 213 .
Description :	*Description :*
~~Forces~~ in a plane and in space, moments of forces, ~~Varignon's theorem,~~ rigid bodies in equilibrium, free-body ~~diagram. Centroids,~~ centres of ~~gravity. Distributed forces,~~ moments of ~~inertia. Principle~~ of virtual ~~work. Kinematics~~ of particles and rigid ~~bodies. Forces~~ and accelerations; work and energy; ~~impulse-and-momentum. Kinetics~~ of particles and rigid bodies.	This course covers the following topics: forces in a plane and in space, moments of forces, rigid bodies in equilibrium, and free-body diagram; centroids and centres of gravity; distributed forces and moments of inertia; principle of virtual work; kinematics of particles and rigid bodies; forces and accelerations; work and energy; kinetics of particles and rigid bodies.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week)	Lecture (3 hours per week) ; Tutorial (1 hour per week)
Notes :	*Notes :*

Rationale:
The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6-week) terms in 2023 and, as such, we need to adapt some of our course descriptions. We are also revising the description so that it is in complete sentences.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: ENGR 311
Calendar Section Type: Course
Description of Change: ENGR 311 Transform Calculus and Partial Differential Equations - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ENGR 311 Transform Calculus and Partial Differential Equations (3 credits)	ENGR 311 Transform Calculus and Partial Differential Equations (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ENGR 213 , ENGR 233 .	The following courses must be completed previously: ENGR 213 , ENGR 233 .
Description :	*Description :*
~~Elements of complex variables. The Laplace transform:~~ Laplace transforms and their ~~properties,~~ solution of ~~linear~~ differential ~~equations with constant coefficients. Further theorems and their applications. The~~ Fourier ~~transform: orthogonal functions, expansion~~ of ~~a function in orthogonal functions, the~~ Fourier ~~series, the Fourier integral,~~ the ~~Fourier transform, the convolution theorem. Partial differential equations: physical foundations~~ of partial differential ~~equations, introduction to boundary value problems.~~	This course covers the following topics: the Laplace transforms and their application to the solution of ordinary differential equations; Fourier series; elements of partial differential equations; Fourier method of separation of variables for the solution of partial differential equations; the one-dimensional transient heat conduction parabolic equation; the one-dimensional wave hyperbolic equation; the two-dimensional Laplace elliptic equation.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (2 hours per week)	Lecture (3 hours per week) ; Tutorial (2 hours per week)
Notes :	*Notes :*

Rationale:
The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6-week) terms in 2023 and, as such, we need to adapt some of our course descriptions. We are also revising the description so that it is in complete sentences.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: INDU 423
Calendar Section Type: Course
Description of Change: INDU 423 Inventory Control - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Industrial Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
INDU 423 Inventory Control (3.5 credits)	INDU 423 Inventory Control (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: INDU 320 .	The following course must be completed previously: INDU 320 .
Description :	*Description :*
~~Inventory analysis and control systems;~~ the ~~role~~ of ~~forecasting in controlling inventories;~~ the role of inventories in ~~physical distribution;~~ supply chain ~~management; work in process inventories; inventory in just-in-time manufacturing systems.~~	This course provides the fundamentals of inventory control and management within a company and its impact on the supply chain. The implications of inventory control decisions on production, distribution and logistics operations are emphasized. The methods of reducing inventory holding costs while providing an effective product availability are covered. The topics to be covered include an introduction to role of inventories and associated costs in a firm, optimal lot sizing and safety stock decisions, coordinated replenishment of items; perishable inventories, supply chain management.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week, alternate weeks)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week, alternate weeks)
Notes :	*Notes :*

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6 week) terms in 2023 and, as such, we need to adapt some of our course descriptions. The new course description reflects the content changes.

Resource Implications:

There are no additional resource implications

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: INDU 424
Calendar Section Type: Course
Description of Change: INDU 424 Introduction to Enterprise Resource Planning - New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Industrial Engineering Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	INDU 424 Introduction to Enterprise Resource Planning (3 credits)
Prerequisites:	*Prerequisites:* The following course must be completed previously: INDU 320 .
Description :	*Description :* This course covers the essential principles and techniques for the design and applications of Enterprise Resource Planning (ERP) systems. ERP has become an integral part of medium to large-size companies in today's competitive world of business. ERP systems integrate different functions across various departments of a company in one system to meet all business process requirements quicker, more accurately and efficiently. The course describes the requirements of ERP systems followed by the introduction of ERP modules on Materials Management, Production Planning, Sales and Distribution, and Financial Accounting and Controlling. Various applications are illustrated using SAP ERP.
Component(s):	*Component(s):* Lecture (3 hours per week.)
Notes :	*Notes :*

Rationale:
This course was offered twice as a slot course (INDU 498) and received a good interest (30 to 40 students). We are therefore creating a new course which will be offered every year.

Resource Implications:
Lectures are given in a computer lab setting (max 42 students); Software License: SAP (1 client license is available through Concordia/JMSB. The license is currently available to use without any cost to GCS since it is already paid by JMSB for a pack of 7 licenses at $8000/year).

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: INDU 490
Calendar Section Type: Course
Description of Change: INDU 490 Capstone Industrial Engineering Design Project - cr value (increase)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Industrial Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
INDU 490 Capstone Industrial Engineering Design Project (~~4~~ credits)	INDU 490 Capstone Industrial Engineering Design Project (6 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ENGR 301 ; MIAE 380 . The following courses must be completed previously or concurrently INDU 421 . Students must complete 75 credits in the program prior to enrolling.	The following courses must be completed previously: ENGR 301 ; MIAE 380 . The following courses must be completed previously or concurrently INDU 421 . Students must complete 75 credits in the program prior to enrolling.
Description :	*Description :*
~~A~~ supervised design, simulation or experimental capstone design project including a preliminary project proposal with complete project plan and a technical report at the end of the fall ~~term;~~ a final report by the group and individual oral presentation at the end of the winter term.	This course includes a supervised design, simulation or experimental capstone design project including a preliminary project proposal with complete project plan and a technical report at the end of the fall term, and a final report by the group and individual oral presentation at the end of the winter term.
Component(s):	*Component(s):*
Lecture (1 hour per week, one term) ~~; Laboratory (Equivalent time, 3 hours per week, two terms)~~	Lecture (1 hour per week, one term)
Notes :	*Notes :*
Other note : Students will work in groups under direct supervision of a faculty member.	**Other note :** Students will work in groups under direct supervision of a faculty member.

Rationale:
The course load is quite high and the current 4 credits does not reflect the true workload. Hence, the course credit value is being increased to 6 credits to better reflect the actual workload. This was recommended by the CEAB visitors during their last visit. Additionally, there is no lab component to INDU 490, so this has been removed (This is an error from previous years.) We are also revising the description so that it is in complete sentences.

Impact: This is a required course in the BEng Industrial Engineering (Core); a change is being submitted concurrently.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 321
Calendar Section Type: Course
Description of Change: MECH 321 Properties and Failure of Materials - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 321 Properties and Failure of Materials (3.5 credits)	MECH 321 Properties and Failure of Materials (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: MECH 221 or MIAE 221 .	The following course must be completed previously: MECH 221 or MIAE 221 .
Description :	*Description :*
This course covers the following topics: the service capabilities of alloys and their relationship to microstructure as produced by thermal and mechanical treatments; tensile and torsion tests; elements of dislocation theory; strengthening mechanisms; composite materials; modes of failure of materials; fracture, fatigue, wear, creep, ~~corrosion, radiation damage;~~ failure analysis; material codes; material selection for design.	This course covers the following topics: the service capabilities of alloys and their relationship to microstructure as produced by thermal and mechanical treatments; tensile and torsion tests; elements of dislocation theory; strengthening mechanisms; composite materials; modes of failure of materials; fracture, fatigue, wear, creep, corrosion; failure analysis; material codes; material selection for design.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for AERO 481 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for AERO 481 may not take this course for credit.

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6-week) terms in 2023 and, as such, we need to adapt some of our course descriptions.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 344
Calendar Section Type: Course
Description of Change: MECH 344 Machine Element Design - description (split into MECH 344 and MECH 428)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 344 Machine Element Design (3 credits)	MECH 344 Machine Element Design (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ENGR 244 ; MECH 313 or MIAE 313 . The following courses must be completed previously or concurrently: MECH 343 .	The following courses must be completed previously: ENGR 244 ; MECH 313 or MIAE 313 . The following courses must be completed previously or concurrently: MECH 343 .
Description :	*Description :*
This course ~~covers~~ the ~~following topics: introduction to machine design; static failure theories; failure~~ of ~~ductile vs. brittle materials under static loading; fatigue failure theories; fatigue loads; notches~~ and ~~stress concentrations; residual stresses; designing for high cycle fatigue; design of shafts, keys~~ and ~~couplings; design~~ of ~~spur gears; spring design;~~ design ~~of screws and fasteners; design of bearings; case studies.~~	This course presents the basic principles employed in the design of standard mechanical components such as spur gears, shafts and rolling element bearings subjected to operating force and moment fields. The course highlights the adaptation of theoretical stress relationships to practical design problems.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (2 hours per week)	Lecture (3 hours per week) ; Tutorial (2 hours per week)
Notes :	*Notes :*
Anti-requisite Courses : Students who have received credit for MECH 441 may not take this course for credit.	**Anti-requisite Courses :** Students who have received credit for MECH 441 may not take this course for credit.

Rationale:
The current version of MECH 344 includes too much material. This makes it very complex for both our professors and students to cover/learn the material. To alleviate this issue, the course is being split into a core course (MECH 344) and a new technical elective (MECH 428).

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 361
Calendar Section Type: Course
Description of Change: MECH 361 Fluid Mechanics II - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 361 Fluid Mechanics II (3.5 credits)	MECH 361 Fluid Mechanics II (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: ENGR 361 .	The following course must be completed previously: ENGR 361 .
Description :	*Description :*
~~Differential analysis~~ of fluid ~~flows, vorticity,~~ stream function, ~~stresses,~~ and ~~strains. Navier-Stokes equations and solutions for parallel flows. Euler's equations, irrotational and potential flows, plane~~ potential flows. ~~Viscous flows in pipes,~~ laminar and turbulent flows, ~~major and minor losses. Flow over immersed~~ bodies, boundary layers, separation and ~~thickness. Drag, lift and applications. Introduction to~~ compressible ~~flows, speed of sound, Mach cone, and some characteristics of supersonic flows.~~	This course covers elements of fluid mechanics, building on topics introduced in Fluid Mechanics I. Topics include t he mechanical properties of fluids and the concepts of stress and strain in fluid mechanics. The continuity equation is discussed. The stream function, velocity potential and vorticity are introduced as well as potential irrotational flows. The Navier -Stokes Equations and their elementary solutions are discussed. Students are introduced to laminar and turbulent flows, flows around solid bodies, boundary layers, separation and wakes. Finally, compressible flows are introduced.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week, alternate weeks)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week, alternate weeks)
Notes :	*Notes :*

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6 week) terms in 2023 and, as such, we need to adapt some of our course descriptions.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 368
Calendar Section Type: Course
Description of Change: MECH 368 Electronics for Mechanical Engineers - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 368 Electronics for Mechanical Engineers (3.5 credits)	MECH 368 Electronics for Mechanical Engineers (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: PHYS 205 ~~. The following course must be completed previously or concurrently: ENGR 311~~ .	The following course must be completed previously: PHYS 205 ; MIAE 215 .
Description :	*Description :*
~~Dependent sources,~~ voltage and current dividers, voltage and current sources, ~~superposition,~~ Thevenin and Norton equivalent ~~sources, linear~~ and ~~nonlinear circuit analysis. Semiconductors and diodes. Bipolar Junction Transistors (BJT), Field Effect Transistors (FET);~~ amplifiers and ~~switches. Operational~~ amplifiers; ~~circuits and frequency response. Digital~~ logic components and ~~circuits. Digital systems.~~	This course covers the following topics: voltage and current dividers, voltage and current sources, Thevenin and Norton equivalent sources; semiconductors and diodes; amplifiers and switches; operational amplifiers; digital logic components and circuits (flip-flops, registers, memories, MUX/DEMUX, etc.); digital systems; digital communication and computer architecture.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week, alternate weeks)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week, alternate weeks)
Notes :	*Notes :*
Anti-requisite Courses : Students who have received credit for MECH 470 may not take this course for credit.	**Anti-requisite Courses :** Students who have received credit for MECH 470 may not take this course for credit.
Anti-requisite Programs : Electrical Engineering and Computer Engineering students may not take this course for credit.	**Anti-requisite Programs :** Electrical Engineering and Computer Engineering students may not take this course for credit.

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6-week) terms in 2023 and, as such, we need to adapt some of our course descriptions. Radio signals are too complex to be covered in an introductory course. Thus, more focus will be on digital circuits and less on radio signals. Digital circuits are becoming more and more popular in capstone projects. These aspects are being incorporated in the course description. ENGR 311 was needed primarily to deal with the contents related to radio signals. With the change of focus from radio signals towards digital circuits in MECH 368, ENGR 311 is no longer needed as a pre-requisite, so is being removed. Instead, MIAE 215 (Programming for Mechanical and Industrial Engineers)is added as a

pre-requisite since students are exposed to Arduino programming and some basics in electronics in that course, which are essential components for MECH 368.

We are also revising the description so that it is in complete sentences.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 371
Calendar Section Type: Course
Description of Change: MECH 371 Analysis and Design of Control Systems - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 371 Analysis and Design of Control Systems (3.75 credits)	MECH 371 Analysis and Design of Control Systems (3.75 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ENGR 311 ; MECH 370 .	The following courses must be completed previously: ENGR 311 ; MECH 370 .
Description :	*Description :*
Stability of linear feedback ~~systems. Root-Locus method. Frequency~~ response ~~concepts. Stability in the frequency domain. Feedback~~ system design using ~~Root-Locus techniques. Compensator~~ concepts and ~~configurations.~~ PID-controller ~~design. Simulation~~ and computer-aided controller design using ~~Matlab/Simulink.~~	This course deals with the fundamental principles of control systems. The course develops the basic understanding of control system theory and its role in engineering design. The student is exposed to many practical problems and their solutions. The laboratory work presents the opportunity to experiment with actual control systems hardware. This course covers the following topics: Stability of linear feedback systems; root-locus method; frequency response concepts; f eedback system design using root locus techniques; compensator concepts and configurations; PID-controller design; simulation and computer-aided controller design using Matlab /Simulink.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (3 hours per week, alternate weeks)	Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (3 hours per week, alternate weeks)
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for ELEC 372 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for ELEC 372 may not take this course for credit.

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6-week) terms in 2023 and, as such, we need to adapt some of our course descriptions. We are also revising the description so that it is in complete sentences.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 373
Calendar Section Type: Course
Description of Change: MECH 373 Instrumentation and Measurements - NEW (re-numbering)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	MECH 373 Instrumentation and Measurements (3.5 credits)
Prerequisites:	*Prerequisites:* The following courses must be completed previously: ENGR 311; AERO 371 or MECH 370.
Description :	*Description :* This course covers the following topics: unified treatment of measurement of physical quantities; static and dynamic characteristics of instruments (calibration, linearity, precision, accuracy, and bias and sensitivity drift); sources of errors; error analysis; experiment planning; data analysis techniques; principles of transducers; signal generation, acquisition and processing; principles and designs of systems for measurement of position, velocity, acceleration, pressure, force, stress, temperature, flow-rate, and proximity detection. The course includes demonstration of various instruments.
Component(s):	*Component(s):* Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week)
Notes :	*Notes :*
Equivalent Courses :	**Equivalent Courses :** Students who have received credit for MECH 411 may not take this course for credit.

Rationale:

Mastering instrumentation and measurements is critical in the Mechanical Engineering Program. Previously offered as a technical elective, MECH 411 is being renumbered to MECH 373 and being introduced to the core. Because students in the engineering program must complete all 200-level before 400-level courses, renumbering the course to 300-level allows students to take it earlier on.

Impact: Changes are being submitted for all programs where MECH 411 appears to replace it with MECH 373: BEng in Mechanical Engineering (Systems and Mechatronics Electives, Thermo-Fluids and Propulsion Electives, Vehicle Systems Electives, Stress Analysis Electives); BEng in Aerospace Engineering (Option A Electives, Option B Core).

Resource Implications:

More lab sections will be required and thus more Lab instructor hours will be assigned. These costs will be covered within the faculty's normal budget allotment.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 375
Calendar Section Type: Course
Description of Change: MECH 375 Mechanical Vibrations - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 375 Mechanical Vibrations (3.5 credits)	MECH 375 Mechanical Vibrations (3.5 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: AERO 371 or MECH 370 .	The following course must be completed previously: AERO 371 or MECH 370 .
Description :	*Description :*
~~Transient~~ vibrations under impulsive shock and arbitrary ~~excitation: normal modes,~~ free and forced ~~vibration. Multi-degree-of-freedom systems,~~ influence coefficients, orthogonality principle, numerical ~~methods. Continuous systems; longitudinal torsional and flexural~~ free ~~and forced~~ vibrations of prismatic ~~bars.~~ Lagrange's ~~equations. Vibration measurements.~~	This course covers the following topics: transient and steady-state vibrations under periodic , impulsive shock and arbitrary excitation; m ulti-degree-of-freedom systems (free and forced response , influence coefficients, orthogonality principle, and numerical methods); i ntroduction to free vibrations of prismatic bars; Lagrange's equations; vibration measurement and control .
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory (2 hours per week, alternate weeks)	Lecture (3 hours per week) ; Tutorial (2 hours per week) ; Laboratory (2 hours per week, alternate weeks)
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for MECH 443 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for MECH 443 may not take this course for credit.

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6-week) terms in 2023 and, as such, we need to adapt some of our course descriptions. We are also revising the description so that it is in complete sentences.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 411
Calendar Section Type: Course
Description of Change: MECH 411 Instrumentation and Measurements - Delete (re-numbered to MECH 373)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Deletion

Present Text (from 2021) calendar	Proposed Text
~~MECH 411 Instrumentation and Measurements~~ (~~3.5~~ credits)	
Prerequisites:	*Prerequisites:*
~~The following courses must be completed previously: ENGR 311 ; AERO 371 or MECH 370 .~~	
Description :	*Description :*
~~Unified treatment of measurement of physical quantities; static and dynamic characteristics of instruments — calibration, linearity, precision, accuracy, and bias and sensitivity drift; sources of errors; error analysis; experiment planning; data analysis techniques; principles of transducers; signal generation, acquisition and processing; principles and designs of systems for measurement of position, velocity, acceleration, pressure, force, stress, temperature, flow rate, proximity detection. The course includes demonstration of various instruments.~~	
Component(s):	*Component(s):*
~~Lecture (3 hours per week) ; Tutorial (1 hour per week) ; Laboratory (2 hours per week, alternate weeks)~~	
Notes :	*Notes :*
Equivalent Courses : ~~Students who have received credit for MECH 373 may not take this course for credit.~~	**Equivalent Courses :**

Rationale:

MECH 411 is being removed as a technical elective and being introduced to the core as MECH 373. (See Summary of Rationale for MECH 373.)

Impact: Changes are being submitted for all programs where MECH 411 appears to replace it with MECH 373: BEng in Mechanical Engineering (Systems and Mechatronics Electives, Thermo-Fluids and Propulsion Electives, Vehicle Systems Electives, Stress Analysis Electives); BEng in Aerospace Engineering (Option A Electives, Option B Core).

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 428
Calendar Section Type: Course
Description of Change: MECH 428 Failure Analysis of Machine Systems - New (MECH 344 split)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	MECH 428 Failure Analysis of Machine Systems (3 credits)
Prerequisites:	*Prerequisites:* The following course must be completed previously: MECH 344 .
Description :	*Description :* This course presents the failure analysis principles employed in the design of mechanical components such as belt and chain drives, helical and bevel gears, bolted and welded joints subjected to operating force and moment fields. The course highlights advanced topics of mechanical components to practical design problems. Students are required to complete assignments including tests, examinations and a course project as a means of assessing their ability to apply the generic approaches discussed to real- life mechanical engineering design problems.
Component(s):	*Component(s):* Lecture (3 hours per week)
Notes :	*Notes :*

Rationale:
The current version of MECH 344 includes too much material. This makes it very complex for both our Profs and students to cover/learn the material. As such, the course is being split and some of the material is going to be offered in a new technical elective, MECH 428.
Impact: This course is being added to the BEng in Mechanical Engineering elective groups; changes submitted concurrently.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 447
Calendar Section Type: Course
Description of Change: MECH 447 Fundamentals of Vehicle System Design - description, PR, components

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 447 Fundamentals of Vehicle System Design (3 credits)	MECH 447 Fundamentals of Vehicle System Design (3 credits)
Prerequisites:	*Prerequisites:*
The following ~~course~~ must be completed previously: MECH ~~343~~ .	The following courses must be completed previously: MECH 343, MECH 375 .
Description :	*Description :*
This course ~~focuses on~~ the ~~fundamentals of vehicle system design. The~~ following ~~topics are covered: mechanics of tires such as rolling resistance, tractive and braking forces, cornering and self-aligning properties, and ride properties;~~ performance characteristics of road vehicles such as ~~transmission design,~~ driving condition ~~diagrams, acceleration, speed and stopping distance, gradability,~~ brake system design, braking performance, braking efficiency, antilock braking system; ~~steering mechanisms such as design and kinematics; handling characteristics of vehicles such as steady-state~~ handling ~~analysis,~~ steady-state and transient responses to steering inputs, transient measurement methods, directional stability; ~~vehicle ride;~~ suspension system design and ~~modelling;~~ ride ~~models;~~ case studies using ~~CarSim.~~	This course covers the following topics: tire mechanics; performance characteristics of road vehicles such as maximum acceleration, velocity and gradability; driving condition diagrams; brake system design, braking performance, ideal braking force distribution, braking efficiency, and antilock braking system; handling characteristics, steady-state and transient responses to steering inputs, transient measurement methods, and directional stability; ride analysis, suspension system design and modelling, and simple ride models. This course includes case studies using CarSim and m ini projects.
Component(s):	*Component(s):*
Lecture (3 hours per week) ~~; Laboratory (2 hours per week, alternate weeks)~~	Lecture (3 hours per week)
Notes :	*Notes :*

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6 week) terms in 2023 and, as such, we need to adapt some of our course descriptions. The course content is updated to include some aspects of dynamic responses of vehicles to road and steering inputs, which are presently addressed in MECH 448 (which has been deleted from the program). We are also revising the description so that it is in complete sentences.

Current laboratory experiments involve two simulation exercises using CarSim software and a relatively elementary

steering system hardware. It is proposed to replace the lab work by home works involving simulation exercises.

We are adding MECH 375 as a prerequisite and removing the lab; these changes were previously approved but were not implemented in the calendar description.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 453
Calendar Section Type: Course
Description of Change: MECH 453 Heating, Ventilation and Air Conditioning Systems - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 453 Heating, Ventilation and Air Conditioning Systems (3 credits)	MECH 453 Heating, Ventilation and Air Conditioning Systems (3 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: MECH 352 .	The following course must be completed previously: MECH 352 .
Description :	*Description :*
~~Heating~~ and cooling load ~~calculation. Overview~~ of heating and air conditioning ~~systems. Review: Vapour~~ compression refrigeration cycles, refrigerant properties, ~~psychometrics. Performance characteristic~~ of ~~components: evaporators,~~ condensers, compressors, throttling ~~devices (expansion valves,~~ capillary ~~tubes). System~~ performance ~~characteristics: calculation~~ of system operating conditions based on the capacities of its components and outdoor and indoor ~~conditions. Controls: operational, capacity. Computer-aided design methods. Defrosting. Estimation~~ of energy consumption for heating with heat ~~pumps. Fundamentals~~ of refrigerant piping, water piping, and air distribution systems. ~~Experimental methods for system development.~~	This course covers the following topics: heating and cooling load calculation; overview of heating and air conditioning systems; review of v apour compression refrigeration cycles, refrigerant properties, and psychometrics; performance characteristics of components (evaporators, condensers, compressors, and throttling devices, such as expansion valves and capillary tubes); system performance characteristics (calculation of system operating conditions based on the capacities of its components and outdoor and indoor conditions); d efrosting; estimation of energy consumption for heating with heat pumps; fundamentals of refrigerant piping, water piping, and air distribution systems.
Component(s):	*Component(s):*
Lecture (3 hours per week)	Lecture (3 hours per week)
Notes :	*Notes :*

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6-week) terms in 2023 and, as such, we need to adapt some of our course descriptions. The topics removed in this course were not being covered under the 13-week format. We are also revising the description so that it is in complete sentences.

Resource Implications:
None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MECH 490
Calendar Section Type: Course
Description of Change: MECH 490 Capstone Mechanical Engineering Design Project - cr value (increased)

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MECH 490 Capstone Mechanical Engineering Design Project (4 credits)	MECH 490 Capstone Mechanical Engineering Design Project (6 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: ENGR 301 ; MECH 344 , MECH 390 . Students must complete 75 credits in the program prior to enrolling.	The following courses must be completed previously: ENGR 301 ; MECH 344 , MECH 390 . Students must complete 75 credits in the program prior to enrolling.
Description :	*Description :*
This course includes a supervised design, simulation or experimental capstone design project including a preliminary project proposal with complete project plan and a technical report at the end of the fall term; a final report by the group and presentation at the end of the winter term.	This course includes a supervised design, simulation or experimental capstone design project including a preliminary project proposal with complete project plan and a technical report at the end of the fall term; a final report by the group and presentation at the end of the winter term.
Component(s):	*Component(s):*
Lecture (1 hour per week, one term) ; Laboratory (3 hours per week, two terms)	Lecture (1 hour per week, one term) ; Laboratory (3 hours per week, two terms)
Notes :	*Notes :*
Equivalent Courses : With permission of the Department, students may enrol in AERO 490 instead of MECH 490.	**Equivalent Courses :** With permission of the Department, students may enrol in AERO 490 instead of MECH 490.
Other note : Students will work in groups under direct supervision of a faculty member.	**Other note :** Students will work in groups under direct supervision of a faculty member.

Rationale:
The course load is quite high and the current 4 credits does not reflect the true workload. Hence the course credits are being increased to 6 credits to better reflect the actual workload. This was recommended by the visitors of the Canadian Engineering Accreditation Board during their last visit.

Resource Implications:

None.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Multiple course and program changes (AERO, INDU, MECH) (2023-24)

Calendar Section Name: MIAE 221
Calendar Section Type: Course
Description of Change: MIAE 221 Materials Science - description

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Department of Mechanical, Industrial and Aerospace Engineering

Calendar publication date: 2023/2024/Fall
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Mechanical and Industrial Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
MIAE 221 Materials Science (3 credits)	MIAE 221 Materials Science (3 credits)
Prerequisites:	*Prerequisites:*
The following course must be completed previously: CHEM 205 (Cegep Chemistry 101).	The following course must be completed previously: CHEM 205 (Cegep Chemistry 101).
Description :	*Description :*
This course focuses on relationships between properties and internal structure, atomic bonding; molecular, crystalline and amorphous structures, crystalline imperfections and mechanisms of structural change; microstructures and their development from phase diagrams; structures and mechanical properties of polymers and ceramics; ~~thermal, optical,~~ and ~~magnetic~~ properties of materials.	This course focuses on relationships between properties and internal structure, atomic bonding; molecular, crystalline and amorphous structures, crystalline imperfections and mechanisms of structural change; microstructures and their development from phase diagrams; structures and mechanical properties of polymers and ceramics; thermal and optical properties of materials.
Component(s):	*Component(s):*
Lecture (3 hours per week) ; Tutorial (1 hour per week)	Lecture (3 hours per week) ; Tutorial (1 hour per week)
Notes :	*Notes :*
Equivalent Courses : Students who have received credit for MECH 221 may not take this course for credit.	**Equivalent Courses :** Students who have received credit for MECH 221 may not take this course for credit.

Rationale:

The University will be switching from 13-week (or 6 ½ weeks in summer) terms to 12-week (6 week) terms in 2023 and, as such, we need to adapt some of our course descriptions.

Resource Implications:
None.

D80

Impact Report

Programs

BEng in Aerospace Engineering
Source of Impact

- Aerospace Engineering Core
- Option A — Aerodynamics and Propulsion
- Option B – Aerospace Structures and Materials
- Option C — Avionics and Aerospace Systems

BEng in Industrial Engineering
Source of Impact

- Industrial Engineering Core
- Industrial Engineering Electives

BEng in Mechanical Engineering
Source of Impact

- Mechanical Engineering Core
- Mechanical Engineering Electives

Defined Groups

Aerospace Electives: Mechanical Engineering
Source of Impact

- AERO 462

Aerospace Engineering Core
Source of Impact

- AERO 490
- ENGR 244

Aerospace Engineering Option Requirements
Source of Impact

- Option A — Aerodynamics and Propulsion
- Option B – Aerospace Structures and Materials
- Option C — Avionics and Aerospace Systems

Basic and Natural Science Courses: Software Engineering
Source of Impact

- ENGR 245
- MIAE 221

Building Engineering Core
Source of Impact

- ENGR 244
- ENGR 311

Civil Engineering Core

Source of Impact

- ENGR 244
- ENGR 311

Controls, Robotics and Avionics Electives: Computer Engineering
Source of Impact

- AERO 483

Controls, Robotics and Avionics Electives: Electrical Engineering
Source of Impact

- AERO 483

Engineering Core
Source of Impact

- BEng in Aerospace Engineering
- BEng in Industrial Engineering
- BEng in Mechanical Engineering

Engineering and Computer Science Courses: Certificate in Science and Technology
Source of Impact

- ENGR 244
- ENGR 245

Industrial Engineering Core
Source of Impact

- Basic and Natural Science Courses: Industrial Engineering
- ENGR 245
- ENGR 311
- INDU 423
- INDU 490
- MIAE 221

Industrial Engineering Electives
Source of Impact

- INDU Courses
- Other Industrial Engineering Elective Courses

Mechanical Engineering Core
Source of Impact

- ENGR 244
- ENGR 311
- MECH 321
- MECH 344
- MECH 361
- MECH 368
- MECH 371
- MECH 375
- MECH 490

- MIAE 221

Mechanical Engineering Electives
Source of Impact

- Aerospace Electives: Mechanical Engineering
- Design and Manufacturing Electives: Mechanical Engineering
- Stress Analysis Electives: Mechanical Engineering
- Systems and Mechatronics Electives: Mechanical Engineering
- Thermo-Fluids and Propulsion Electives: Mechanical Engineering
- Vehicle Systems Electives: Mechanical Engineering

Option A – Aerodynamics and Propulsion Core
Source of Impact

- AERO 462
- ENGR 311
- MECH 361
- MIAE 221

Option A – Aerodynamics and Propulsion Electives
Source of Impact

- AERO 431
- MECH 368
- MECH 375
- MECH 411
- MECH 453

Option A — Aerodynamics and Propulsion
Source of Impact

- Option A – Aerodynamics and Propulsion Electives

Option B – Aerospace Structures and Materials
Source of Impact

- Option B – Aerospace Structures and Materials Core
- Option B — Aerospace Structures and Materials Electives

Option B – Aerospace Structures and Materials Core
Source of Impact

- AERO 431
- ENGR 311
- MECH 375
- MECH 411
- MIAE 221

Option B — Aerospace Structures and Materials Electives
Source of Impact

- MECH 344
- MECH 361
- MECH 368

Option C — Avionics and Aerospace Systems
Source of Impact

- Option C — Avionics and Aerospace Systems Core
- Option C — Avionics and Aerospace Systems Electives

Option C — Avionics and Aerospace Systems Core
Source of Impact

- AERO 483

Other Industrial Engineering Elective Courses
Source of Impact

- MECH 321

Science Electives: Computer Engineering
Source of Impact

- MIAE 221

Stress Analysis Electives: Mechanical Engineering
Source of Impact

- AERO 431
- MECH 411

Systems and Mechatronics Electives: Mechanical Engineering
Source of Impact

- MECH 411

Thermo-Fluids and Propulsion Electives: Mechanical Engineering
Source of Impact

- AERO 462
- MECH 411
- MECH 453

Vehicle Systems Electives: Mechanical Engineering
Source of Impact

- MECH 411
- MECH 447

Courses

AERO 371
Source of Impact

- ENGR 311
- MECH 371

AERO 431
Source of Impact

- MECH 375

AERO 446
Source of Impact

- MECH 361

AERO 455
Source of Impact

- ENGR 311
- MECH 361

AERO 462
Source of Impact

- MECH 361

AERO 464
Source of Impact

- MECH 361

AERO 465
Source of Impact

- AERO 462

AERO 480
Source of Impact

- MECH 371

AERO 481
Source of Impact

- MECH 321
- MIAE 221

AERO 485
Source of Impact

- MECH 361

AERO 486
Source of Impact

- ENGR 244

AERO 490
Source of Impact

- AERO 490
- MECH 490

BCEE 342
Source of Impact

- ENGR 244

BCEE 343
Source of Impact

- ENGR 244

BCEE 432
Source of Impact

- ENGR 244

ELEC 372
Source of Impact

- MECH 371

ELEC 481
Source of Impact

- MECH 371

ENGR 244
Source of Impact

- ENGR 245

ENGR 472
Source of Impact

- MECH 371

ENGR 490
Source of Impact

- AERO 490
- INDU 490
- MECH 490

ENGR 6471
Source of Impact

- AERO 483

INDU 424 Introduction to Enterprise Resource Planning - New
Source of Impact

MECH 321
Source of Impact

- MIAE 221

MECH 344
Source of Impact

- ENGR 244

MECH 352

Source of Impact

- ENGR 311

MECH 368
Source of Impact

- ENGR 311

MECH 370
Source of Impact

- ENGR 245
- ENGR 311

MECH 371
Source of Impact

- ENGR 311

MECH 373 Instrumentation and Measurements - NEW (re-numbering)
Source of Impact

- ENGR 311

MECH 390
Source of Impact

- MECH 344

MECH 411
Source of Impact

- ENGR 311

MECH 421
Source of Impact

- MIAE 221

MECH 422
Source of Impact

- ENGR 244
- MIAE 221

MECH 423
Source of Impact

- MIAE 221

MECH 426
Source of Impact

- ENGR 244
- MECH 321

MECH 428 Failure Analysis of Machine Systems - New (MECH 344 split)
Source of Impact

- MECH 344

MECH 444
Source of Impact

- MECH 375

MECH 451
Source of Impact

- MECH 361

MECH 452
Source of Impact

- MECH 361

MECH 454
Source of Impact

- MECH 361

MECH 460
Source of Impact

- ENGR 244

MECH 461
Source of Impact

- MECH 361

MECH 463
Source of Impact

- MECH 371

MECH 468
Source of Impact

- MECH 344
- MECH 361
- MECH 371

MECH 471
Source of Impact

- ENGR 311
- MECH 368

MECH 472
Source of Impact

- MECH 371

MECH 473
Source of Impact

- MECH 371

MECH 474
Source of Impact

- MECH 371

MECH 490
Source of Impact

- AERO 490
- MECH 344

MECH 6171
Source of Impact

- AERO 462

MECH 6181
Source of Impact

- MECH 453

MECH 6481
Source of Impact

- AERO 431

Regulations

Accelerated Career Experience Option
Source of Impact

- BEng in Aerospace Engineering
- BEng in Industrial Engineering
- BEng in Mechanical Engineering

C.Edge Option
Source of Impact

- BEng in Aerospace Engineering
- BEng in Industrial Engineering
- BEng in Mechanical Engineering

Degree Requirements
Source of Impact

- Mechanical Engineering Core

Degree Requirements
Source of Impact

- Basic and Natural Science Courses: Industrial Engineering
- Industrial Engineering Core

Degree Requirements

Source of Impact

- Aerospace Engineering Core

Department Objectives
Source of Impact

- Aerospace Engineering Core
- BEng in Aerospace Engineering

Department Objectives
Source of Impact

- Aerospace Electives: Mechanical Engineering
- BEng in Aerospace Engineering
- BEng in Industrial Engineering
- BEng in Mechanical Engineering
- Design and Manufacturing Electives: Mechanical Engineering
- Stress Analysis Electives: Mechanical Engineering
- Systems and Mechatronics Electives: Mechanical Engineering
- Thermo-Fluids and Propulsion Electives: Mechanical Engineering
- Vehicle Systems Electives: Mechanical Engineering

Program Objectives
Source of Impact

- Option A — Aerodynamics and Propulsion
- Option B – Aerospace Structures and Materials
- Option C — Avionics and Aerospace Systems

Programs
Source of Impact

- BEng in Aerospace Engineering
- BEng in Industrial Engineering
- BEng in Mechanical Engineering

Registration Regulations
Source of Impact

- AERO 490
- INDU 490
- MECH 490

The Co-operative Format
Source of Impact

- BEng in Aerospace Engineering
- BEng in Industrial Engineering
- BEng in Mechanical Engineering

The following programs are offered in the Gina Cody School of Engineering and Computer Science:
Source of Impact

- BEng in Aerospace Engineering
- BEng in Industrial Engineering
- BEng in Mechanical Engineering

Other Units

Addition of **MECH 373** to **Mechanical Engineering Core** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **MECH 428** to **Stress Analysis Electives: Mechanical Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **MECH 428** to **Design and Manufacturing Electives: Mechanical Engineering** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **MECH 373** to **Option B – Aerospace Structures and Materials Core** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **MECH 373** to **Option A – Aerodynamics and Propulsion Electives** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **INDU 424** to **INDU Courses** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **ELEC 481** to **Option C — Avionics and Aerospace Systems Core** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Concordia University
Gina Cody School of Engineering and Computer Science
Department of Mechanical, Industrial and Aerospace Engineering
MECH 344: Machine Element Design– Term 20XX
(Core Course - 3 credits)

INSTRUCTORS:

TUTORIALS:

COURSE DESCRIPTION:

Introduction to machine design; introduction of static failure theories: failure of ductile vs. brittle materials under static loading; application of fatigue failure theories: fatigue loads; notches and stress concentrations; designing for high cycle fatigue; design application of gear box systems: design of shafts, keys and couplings; design of spur gears; fasteners; design of bearings; case studies. *Course project is related to application of gear box systems is required.*

OBJECTIVES:

This course aims to present the basic principles employed in the design of standard mechanical components such as spur gears, shafts and rolling element bearings subjected to operating force and moment fields. The course will highlight the adaptation of theoretical stress relationships to practical design problems. Tests, examinations and a course project will seek to evaluate the ability of the student to apply the generic approaches discussed to real- life mechanical engineering design problems.

PREREQUISITE:

ENGR 244; MECH 313 or MIAE 313; MECH 343 previously or concurrently.

GRADUATE ATTRIBUTES:

MECH344 emphasizes and develops the CEAB (Canadian Engineering Accreditation Board) graduate attributes and indicators:

ATTRIBUTE	INDICATOR	LEVEL OF KNOWLEDGE
A knowledge base for engineering *Demonstrated competence in university-level mathematics, natural sciences, engineering fundamentals, and specialized engineering knowledge appropriate to the program.*	Knowledge-base of natural science	ADVANCED
Problem analysis An ability to use appropriate knowledge and skills to identify, formulate, analyze, and solve complex engineering problems in order to reach substantiated conclusions.	Problem solving	ADVANCED
Design *An ability to design solutions for complex, open-ended engineering problems and to design systems, components or processes that meet*	Detailed design	ADVANCED

specified needs with appropriate attention to health and safety risks, applicable standards, and economic, environmental, cultural and societal considerations.		

Course Learning Outcomes (CLO's): Upon successful completion of MECH 344, students will be able to:

- recognize, understand and perform design of important conventional machine elements.
- evaluate and analyze typically unstructured design problems.
- develop problem solving skills to structure design problems.
- design machine elements following the detailed design process.
- apply and integrate appropriate mathematical models to analyze the design alternatives.

Course Learning Outcomes mapping to Graduate Attributes:

Course Learning Outcome	Graduate Attribute
Recognize and understand important conventional machine elements, viz., spur gears, shafts and rolling element bearings	**A knowledge base for engineering** - Learning engineering fundamentals and specialized engineering knowledge
Evaluation and analysis of unstructured design problems, e.g. open-ended spur gear stresses, shaft diameters, bearing selection, etc.	**A knowledge base for engineering** - Learning engineering fundamentals and specialized engineering knowledge
Development of problem-solving skills to structure design problems	**Design** - Developing ability to use design methods and ideas appropriate to complex engineering problems and drawing substantiated conclusions **Problem Analysis** - Developing ability to use appropriate knowledge and skills to identify, formulate, analyze, and solve complex engineering problems
Design of machine elements following the detailed, stepwise design process as illustrated in standard design books	**Design** - Learning and using specific design calculation equations for machine components **Problem Analysis** - Developing ability to use appropriate knowledge and skills to identify, formulate, analyze, and solve complex engineering problems
Application and integration of appropriate mathematical models to analyze the design alternatives, e.g., drawing Mohr's circles, reading graphs for stress concentration factors (SCF's), using algebraic equations for bearing lives, iterative method for bearing selection, shaft diameter, etc.	**A knowledge base for engineering** - Learning and using specific design calculation equations for machine components

EVALUATION SCHEME:

In this course, the class as a whole will be assessed on the problem analysis and design attributes by means of term tests and final exam, and a course project associated with the design application of machine elements. The course grade will be based on two term tests (total 40%), the project (20%) and the final exam (40%). The format and type of these written examinations are outlined below:

Term Tests: Two term tests will be held during tutorial sessions on the following dates:

Term Test #1: 20%
Term Test #2: 20%
Project: 20%
Final Exam: 40%

***NOTE:** There will be **no make-up** for the term tests.

REFERENCES:

Main textbook(Mandatory):

Machine Elements in Mechanical Design" (6th Edition)" by Robert L. Mott, Edward M. Vavrek, Jyhwen Wang, Publisher: Pearson

SOME USEFUL REFERENCES:

1. R. G. Budynas and K. Nisbett, "Shigley's Mechanical Engineering Design," 10th Edition, McGraw-Hill, 2014.
2. "Fundamentals of Machine Component Design" (7th edition) by Robert C. Juvinall and Kurt M, Marshek, Publisher: Wiley
3. M. F. Spotts, T. E. Shoup and L. E. Hornberger, "Design of Machine Elements," 8th Edition, Pearson, 2003.
4. R. L. Norton, "Machine Design– An Integrated Approach," 6th Edition, Pearson, 2019.
5. S. R. Schmid, B. J. Hamrock, and B. Jacobson, "Fundamentals of Machine Elements," 3rd Edition, CRC press, 2013.

COURSE PLAN

Nature of Mechanical Design: An overview of the subject, Machine Design Process.	**Chapters** 1
Fundamental Topics from Mechanics of Materials: Properties of Materials, stresses due to Axial, Bending, Direct Shear, Transverse Shear and Torsional Loadings; Combined Stresses- Mohr Circle; Stress Concentration Factors.	2, 3, 4 (must be reviewed by students)
Introduction of Failure Theories **Static Failure Theories:** Failure of Ductile Materials under Static Loading (Maximum Shear Stress Theory, Maximum Distortion Energy Theory); Failure of Brittle Materials under Static Loading (Maximum Normal Stress, Coulomb-Mohr and Modified Mohr Theories)	5
Application of Fatigue Failure Theories **Fatigue Failure Theories:** Basic Concepts and Standard Fatigue Test; Low Cycle and High Cycle Fatigues; Endurance Limit and Mechanisms of Fatigue Failure; Estimated Actual Endurance Limit; Effect of Surface Finish, Material, Type-of-Stress, Reliability and Size Factors on the Fatigue Strength; Fatigue Design for Cyclic Loading; The effect of Mean Stress on Fatigue; Design Safety Factors; Finite Life and Damage Accumulation Method	5
Application of Gear Box Systems **Design of Spur Gears:** Geometry and Nomenclature; Interference and Contact Ratio; Gear Force Analysis; Gear-Tooth Strength; Gear-Tooth Bending Fatigue Analysis- Basic Concepts and Recommended Procedure; Gear Tooth Surface Fatigue Analysis-Basic Concepts and Recommended	9
Design of Shafts and Keys: Shaft Loads; Attachments and Stress Concentrations; Shaft Stresses; Rotating-Shaft Dynamics; Overall Shaft Design; Keys.	11-12
Design of Rolling-Contact Bearings: Rolling-Element Bearing Types; Fitting of Rolling-Element Bearings; Catalogue Information for Rolling-Element Bearings; Bearing Selection based on Fatigue Life Requirement.	14

ON CAMPUS RESOURCES

HEALTH SERVICES An on-campus health clinic and health promotion center with nurses and doctors. SGW 514-848-2424 ext. 3565 LOY 514-848-2424 ext. 3575	**COUNSELLING AND PSYCHOLOGICAL SERVICES** Counsellors (licensed mental health professionals) work with students to address their mental health and wellbeing needs. SGW 514-848-2424 ext. 3545 LOY 514 848-2424 ext. 3555
ACCESS CENTRE FOR STUDENTS WITH DISABILITIES Supports students with a variety of disability conditions (including temporary disabilities arising from illness or injury). Students receive academic support for their educational experience at Concordia. acsdinfo@concordia.ca 514-848-2424 ext. 3525	**SEXUAL ASSAULT RESOURCE CENTRE** Provides confidential and non-judgemental support and services to students, staff and faculty of all genders and orientations affected by sexual violence and/or harassment. Jennifer Drummond, Coordinator jennifer.drummond@concordia.ca sarc@concordia.ca 514-848-2424 ext. 3353
STUDENT SUCCESS CENTRE Support network from first-year to graduation. You'll find one-on-one tutors, study groups, workshops as well as learning and career advisors 514-848-2424, ext. 3921	**DEAN OF STUDENTS** Supports students to enhance their Concordia experience by engaging in student life outside the classroom. Terry Kyle, Manager deanofstudents.office@concordia.ca SGW 514-848-2424 ext. 3517 LOY 514-848-2424 ext. 4239
ABORIGINAL STUDENT RESOURCE CENTRE An on-campus resource for First Nations, Métis and Inuit students that helps them make the most of the many resources available at the university. Orenda Konwawennotion Boucher-Curotte, Coordinator orenda.boucher@concordia.ca 514-848-2424 ext. 7327	**INTERNATIONAL STUDENTS OFFICE** Supporting international students with immigration documents, health insurance, social events, and workshops. iso@concordia.ca 514-848-2424 ext. 3515
STUDENT ADVOCACY OFFICE Advocating for students facing charges under the Academic Code of Conduct or the Code of Rights and Responsibilities. studentadvocates@concordia.ca 514-848-2424, ext. 3992	**MULTI-FAITH & SPIRITUALITY CENTRE** Provides a home for all those wishing to celebrate the human spirit in the widest sense of the word, through programs, events and a quiet space for reflection. Ellie Hummel, Coordinator mfsc@concordia.ca 514-848-2424, ext. 3593
CAMPUS SECURITY Ensures the safety of our members and campus property through prevention, surveillance, intervention, training, and education. Provides emergency medical services. security@concordia.ca 514-848-3717 (dial 1 for urgent situations; dial 2 for non-urgent situations)	**CONCORDIA UNIVERSITY STUDENT PARENTS CENTRE** An accessible space for student parents to study, share interests and develop a support network. Sumaiya Gangat, Coordinator cusp@concordia.ca 514-848-2424, ext. 2431

ACADEMIC HONESTY AND CODE OF CONDUCT

Violation of the Academic Code of Conduct in any form will be severely dealt with. This includes copying (even with modifications) of program segments. You must demonstrate independent thought through your submitted work. The Academic Code of Conduct of Concordia University is available at: http://www.concordia.ca/students/academic-integrity/offences.html

It is expected that during class discussions and in your written assignments you will communicate constructively and respectfully. Sexist, racist, homophobic, ageist, and ablest expressions will not be tolerated.

ADDENDUM

ACADEMIC CONDUCT ISSUES THAT APPLY IN GENERAL
The basic ten rules that make you a good engineer

The B. Eng. program is set to satisfy most of the requirements for your education and prepares you for a professional engineering career that requires dedication and knowledge. What you learn, and how you learn, will be used extensively in your engineering profession for the next 30 to 40 years. Therefore, the four years spent in the engineering program are crucial towards your professional formation. The first step is for you to learn to "think like an engineer" which means:

- accept responsibility for your own learning
- follow up on lecture material and homework
- learn *problem-solving skills,* not just how to solve each specific homework problem
- build a body of knowledge integrated throughout your program
- behave responsibly, ethically and professionally

One of the mainstays of being a professional engineer is a professional code of conduct and as an engineering student this starts with the Academic Code of Conduct (Article 16.3.14 of the undergraduate calendar). However, you may encounter situations that fall outside the norm and in such cases, you use your common sense.

Further, the following issues should be given serious consideration:

1) Attendance at lectures and tutorials are major learning opportunities and should not be missed. The labs represent a unique opportunity for you to acquire practical knowledge that you will need in your career. Class and tutorial attendance is important for you to comprehend the discipline and make the connections between engineering skills. You are strongly encouraged to participate in the class, ask questions and answer the instructor's questions. Tutorials are just extensions of the classes in which application of the concepts presented during the lectures are presented and problems are practically solved.

2) The decision to write tests that are not mandatory is entirely yours. For example, midterm test are often stated in many courses as optional. However, one the objectives of midterms is to check on your comprehension of the material and allow time for whatever action is necessary (from more study time to discontinuing a course). Plan to attend the class tests even if they are not mandatory. If you pay attention in the lectures, it will take you significantly shorter time to comprehend the material. **Note also** that if you are in the unfortunate position of being unable to write a final exam due to medical reasons and seek a deferral, this may not be possible if the instructor has no information indicating that you have been attending the

course and assimilating the material (ie through midterms, quizzes, assignments etc).

3) Homework is usually mandatory and it has some weight in the final grade (such information is given in the course outline). Homework may also be conceived as training material for the class tests. Under all circumstances, it is highly recommended to carry out the home work on time and submit it on the prescribed date. Late submissions are not granted to individual cases regardless of the reason. This is part of the training for being in the workforce where deadlines have to be met. Please, plan your work such that you submit all the assignments and lab reports on time and in the correct place (not in the corridor or on the street!).

4) Office hours with tutors, lab instructors or class instructors are listed in the course outline/website/office doors. Please respect these office hours and in case you have a serious conflict, contact the instructor asking for a special time arrangement.

5) Class tests (midterms, quizzes) are returned to the student. The final exams are not. If you wish to see your exam paper, be aware that most instructors allow only a narrow window of time for that purpose. For the fall term, exams may usually be reviewed in January and May for the spring term.

6) When you see your marked work (assignments, midterms, final exam etc), be aware that you are supposed to review your material and see the type of errors you made and if marks have been added incorrectly. This is not an opportunity to try and "negotiate" a higher grade with the instructor. If you believe that your grade is not right, you may apply for a formal Course Reevaluation through the Birks Student Centre.

7) Writing tests and exams represents a major component of your course work. These tests and exams have rigorous requirements such as:

- **No cell phone or other communication enabling tool is allowed on the student** during the examination period.
- Only **specified faculty calculators** are allowed during tests and exams unless otherwise indicated by the instructor.
- Usually, **no materials** are allowed in the exam unless otherwise announced.

Get used to signing in and out of your exam. Make sure that you leave your exam papers with the invigilator. There are rules concerning general exam issues in the UG Calendar. These requirements are there to eliminate any possible misunderstanding and you are asked to **respect the rules**. Disciplinary measures are taken when the rules are not followed.

8) Respect your colleagues and those that you meet during the class: tutors, instructors, lab instructors, technical personnel, assistants, etc. Use appropriate communication means and language. Be considerate for all human beings. This includes small things such as turning off cell-phones before a class begins. Concordia University is a very diverse group of people and a very large multicultural community.

9) Communication is part of your future profession. Learn how to communicate effectively and efficiently in the shortest time possible. Write short but meaningful e-mails, make effective phone calls, etc. If your instructor accepts emails make sure that your request is clear with the course number and your name in the *Subject* line. Do not ask for special treatment as instructors have to treat all students equitably.

10) Respect all the above and you will get closer to your future profession.

Concordia University
Gina Cody School of Engineering and Computer Science
Department of Mechanical, Industrial and Aerospace Engineering
MECH 428: Failure Analysis of Machine Systems – *Winter* Term 20XX
(Technical Elective Course - 3 credits)

INSTRUCTORS:

TUTORIALS:

COURSE DESCRIPTION:
Failure analysis of machine design systems and advanced topics in machine element design; design of belt & chain drives; design of helical & bevel gears; power screws and fasteners; design of springs, mechanics of bolted and welded joints. *Course project is related to failure analysis of machine systems is required.*

OBJECTIVES:
This course aims to present the failure analysis principles employed in the design of mechanical components such as belt & chain drives, helical & bevel gears, bolted & welded joints subjected to operating force and moment fields. The course will highlight advanced topics of mechanical components to practical design problems. Tests, examinations and a course project will seek to evaluate the ability of the student to apply the generic approaches discussed to real- life mechanical engineering design problems.

PREREQUISITE:
MECH 344 previously.

EVALUATION SCHEME:
In this course, the class as a whole will be assessed on the problem analysis and design attributes by means of term tests and final exam, and a course project associated with the design application of machine elements. The course grade will be based on two term tests (total 40%), the project (20%) and the final exam (40%). The format and type of these written examinations are outlined below:

Term Tests: Two term tests will be held during tutorial sessions on the following dates:

Term Test #1: 20%
Term Test #2: 20%
Project: 20%
Final Exam: 40%

***NOTE:** There will be **no make-up** for the term tests.

REFERENCES:

Main textbook(Mandatory):

Machine Elements in Mechanical Design" (6th Edition)" by Robert L. Mott, Edward M. Vavrek, Jyhwen Wang, Publisher: Pearson

SOME USEFUL REFERENCES:

1. R. G. Budynas and K. Nisbett, "Shigley's Mechanical Engineering Design," 10th Edition, McGraw-Hill, 2014.
2. "Fundamentals of Machine Component Design" (7th edition) by Robert C. Juvinall and Kurt M, Marshek, Publisher: Wiley
3. M. F. Spotts, T. E. Shoup and L. E. Hornberger, "Design of Machine Elements," 8th Edition, Pearson, 2003.
4. R. L. Norton, "Machine Design– An Integrated Approach," 6th Edition, Pearson, 2019.
5. S. R. Schmid, B. J. Hamrock, and B. Jacobson, "Fundamentals of Machine Elements," 3rd Edition, CRC press, 2013.

COURSE PLAN

Nature of Mechanical Design: An overview of the subject, Machine Design Process.	**Chapters** 1
Design of Belt &Chain Drives: Types of Belt Drives; Variables for Belt Drives, Including Center Distance and Belt Length; Kinematics of Belt Drives; Belt and Sheave Selection; Types and Sizes of Chains and Sprockets; Variables for Chain Drives, Including Center Distance between Sheaves, Chain Length; Kinematics and Selection of Chains and Sprockets.	7
Design of Helical & Bevel Gears: Geometry and Nomenclature; Interference and Contact Ratio; Gear Force Analysis; Gear-Tooth Strength; Gear-Tooth Bending Fatigue Analysis- Basic Concepts and Recommended Procedure; Gear Tooth Surface Fatigue Analysis-Basic Concepts and Recommended Procedure.	10
Design of Springs: Coil Spring Stress and Deflection; Stress and Strength Analysis for Helical Compression Springs-Static Loading; End Designs of Helical Compression Springs; Bucking Analysis of Helical Compression Springs; Design Procedure for Helical Compression Springs-Static Loading; Design of Helical Compression Springs for Fatigue Loading.	18
Design of Screws and Fasteners: Thread Forms, Terminology and Standards; Power Screws; Screw Stresses; Threaded Fasteners; Fasteners Materials and Methods of Manufacture; Bolt Tightening and Initial Tension; Bolt Tension with External Joint-Separating Force; Bolt Selection for Static Loading; Bolt Selection for Fatigue Loading.	19
Design of Welded Joints: Weld Types and Sizes; Mechanics of Welded Joints; Design for Welded Structures.	20

ON CAMPUS RESOURCES

HEALTH SERVICES An on-campus health clinic and health promotion center with nurses and doctors. SGW 514-848-2424 ext. 3565 LOY 514-848-2424 ext. 3575	**COUNSELLING AND PSYCHOLOGICAL SERVICES** Counsellors (licensed mental health professionals) work with students to address their mental health and wellbeing needs. SGW 514-848-2424 ext. 3545 LOY 514 848-2424 ext. 3555
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Further, the following issues should be given serious consideration:

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course and assimilating the material (ie through midterms, quizzes, assignments etc).

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10) Respect all the above and you will get closer to your future profession.

Course number	Course Title	Term
AERO 431	Principles of Aeroelasticity	FALL 2023

Course Instructor	Office	E-Mail	Office Hours
Dr. Mojtaba Kheiri	EV4.217	mojtaba.kheiri@concordia.ca	Fridays 13:00-14:00

CLASS, LAB AND TUTORIAL SCHEDULE

Section	Day	Time	Location	Instructor	E-mail
Lecture	We-Fr	14:45-16:00	TBD	Dr. Mojtaba Kheiri	mojtaba.kheiri@concordia.ca
Lab	TBD	TBD	TBD	TBD	TBD
Office hours	Fr	13:00-14:00	EV4.217	Dr. Mojtaba Kheiri	mojtaba.kheiri@concordia.ca

COURSE CALENDAR DESCRIPTION

This course covers the following topics: aerodynamic loading of elastic airfoils; phenomenon of divergence; effect of flexible control surface on divergence of main structure; divergence of one- and two- dimensional wing models; phenomenon of flutter; flutter of two- and three-dimensional wings; flutter prevention and control; panel flutter in high-speed vehicles, flutter of turbomachine blades, galloping, vortex-induced oscillations, bridge buffeting.

IMPORTANT ACADEMIC CALENDAR DATES

DAY, Sep. X	AERO 431 lectures begin
DAY, Sep. Y	Deadline for withdrawal with tuition refund from fall-term (2/DNE) and two-term (3/DNE) courses
DAY, Dec. Z	Last day of AERO 431 lectures
DAY, Dec. W	Deadline for academic withdrawal from fall-term courses (/2 DISC)

PREREQUISITE

The following courses must be completed previously: ENGR 361 (Fluid Mechanics I), and MECH 375 (Mechanical Vibrations)
Also, students should have a strong foundation in mathematics, particularly partial differential equations, complex numbers, eigenvalue analysis, as well as good programming skills

TEXTBOOK AND ADDITIONAL COURSE MATERIALS

- *Required textbook(s):*
  1. Hodges, Dewey H., Pierce, G. Alvin, Introduction to Structural Dynamics and Aeroelasticity. Second edition, New York: Cambridge University Press, 2011.

  The E-book is available for free from the Concordia Library: https://concordiauniversity.on.worldcat.org/search?queryString=introduction%20to%20structural%20dynamics%20and%20aeroelasticity&databaseList=#/oclc/768770768
- *Suggested Textbook:*
  2. Dowell, Earl H. (editor), A Modern Course in Aeroelasticity. Fifth edition, Switzerland: Springer International Publishing, 2015.
  3. Bisplinghoff, Raymond L., Ashley, Holt, and Halfman, Robert L., Aeroelasticity, Addison-Wesley Inc., 1955, (USA: Dover Publications, 1996).
- *Lab manual*: will be posted on Moodle course management site
- *Instructor's lecture notes:* will be posted on Moodle course management site
- *Software Use:* MATLAB, Microsoft Office, LaTeX

GRADING POLICY

Evaluation Tool	Weight
Homework (4)	20%
Laboratory (6)	15%
Mid-term exam	25%
Final *	40%
Total	**100%**

Passing Criteria:

- If your total score before the final exam is less than 30% and you decide to defer the final exam, you will receive an ***R*** grade which prevents you to defer the final exam.
- In order to pass the class, your cumulative score, the final examination, and the lab grade must be above 50%

GRADUATE ATTRIBUTES: SKILLS TO LEARN AND/OR UTILIZE	
Graduate Attribute	**Indicators**
A knowledge base for engineering	Knowledge base for specific engineering field
	Knowledge base of natural science
Problem analysis	Problem identification and formulation
	Modelling
Use of engineering tools	Ability to use appropriate engineering tools, techniques and resources
	Ability to select appropriate tools, techniques, and resources
Design	Idea generation
	Validation and implementation

COURSE LEARNING OUTCOMES (CLOS)
By the end of this course students will be able to:

Course Learning Outcome	Relationship to Graduate Attributes
A. Understand what aeroelasticity is about and be able to define static and dynamic aeroelasticity	**A knowledge base for engineering**
B. Describe different aeroelastic phenomena, such as divergence, flutter, aileron reversal, and roll effectiveness	**A knowledge base for engineering**
C. Analyze static aeroelastic problems (to find divergence and control reversal speeds) for typical airfoil sections and uniform flexible wings	**A knowledge base for engineering** **Problem analysis** **Use of engineering tools**
D. Apply different aerodynamic theories, such as steady, quasi-steady and unsteady theories for aeroelastic analysis	**A knowledge base for engineering** **Use of engineering tools**
E. Analyze dynamic aeroelastic problems (to find flutter speed) for typical airfoil sections using p method, classical flutter analysis method and "engineering" methods (k & pk methods)	**A knowledge base for engineering** **Problem analysis** **Use of engineering tools**
F. Develop simple programs for flutter analysis	**Use of engineering tools**
G. Design of divergence-free and flutter-free aeroelastic systems	**Design** **Problem analysis** **Use of engineering tools**

TENTATIVE COURSE OUTLINE	
Topics	**Week**
Introduction to aeroelasticity and aeroelastic phenomena, such as flutter and divergence; the notion of stability; 1-degree-of-freedom (1-DOF) system analogy; review of aerodynamics (airfoils, lift, drag etc.)	1
The concept of 'typical airfoil section' for aeroelastic analysis; two-dimensional (2-D) aeroelastic divergence; solving some examples for 2-D divergence	2
2-D aeroelastic control reversal; Euler-Bernoulli beam theory; torsional dynamics of a beam	3
Steady-state strip flow theory; aeroelastic divergence of a uniform wing	4
Examples of aeroelastic divergence of uniform wings; static airload distribution over a flexible wing	5
Control reversal of a uniform wing; roll effectiveness	6
Lagrange's equations for discrete systems with some examples; 2-DOF dynamic aeroelastic problem	7
The p-method (Handout#1) for aeroelastic stability analysis of 2-DOF systems	8
Theodorsen's unsteady aerodynamic theory; circulatory and non-circulatory contributions; classical flutter analysis for 1-DOF systems	9
Classical flutter analysis (Handout#2) for 2-DOF systems with some examples; k-method (Handout#3) for flutter analysis of 2-DOF systems	10
pk-method (Handout#4) for flutter analysis of 2-DOF systems; eigenvalue problem solution (Handout#5) for stability analysis	11
Time response of 2-DOF systems to initial disturbances (Handout#6); Flutter boundary characteristics; aeroelasticity and certification;	12

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(***look for updates on the website***)

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Course number	Course Title	Term
INDU 424	Introduction to Enterprise Resource Planning	

Course Instructor	Office	E-Mail	Office Hours

CLASS, LAB AND TUTORIAL SCHEDULE					
Section	**Day**	**Time**	**Location**	**Instructor**	**E-mail**
Lecture	W	5:45 PM-8:30PM			

COURSE CALENDAR DESCRIPTION

This course covers the essential principles and techniques for the design and applications of Enterprise Resource Planning (ERP) systems. ERP has become an integral part of medium to large-size companies in today's competitive world of business. ERP systems integrate different functions across various departments of a company in one system to meet all business process requirements quicker, more accurately and efficiently. The course describes the requirements of ERP systems followed by the introduction of ERP modules on Materials Management, Production Planning, Sales and Distribution, and Financial Accounting and Controlling. Various applications are illustrated using SAP ERP. Lectures: 3 hours per week.

PREREQUISITE

INDU 320 – Production Engineering

TEXTBOOK AND ADDITIONAL COURSE MATERIALS

Lecture Notes: important material from presentations and discussions in the class as well as other sources (such as presentations from guest lecturers, photos, slides, websites and videos) will be provided.

Other References:

Magal, S. R., & Word, J. (2011). *Integrated business processes with ERP systems*. Wiley Publishing.
Bradford, M. (2015). *Modern ERP: select, implement, and use today's advanced business systems*. Lulu.com.
Schulz, O. (2014). *Using SAP: A Guide for Beginners and end Users*. Galileo Press.

GRADING POLICY	
Evaluation Tool	**Weight**
Assignments	30%
Final Exam	40%
Project + Presentation: Attendance is mandatory	30%
Total	100%

Passing Criteria

- In order to pass the class, both your cumulative score and the final examination must be above 50%.
- Please note that there is no fixed relationship between marks and letter grade.
- If your total score before the final exam is less than 30% of total and you decide to defer the final exam, you will receive an ***R*** grade which prevents you to defer the final exam.

COURSE LEARNING OUTCOMES (CLOS)

By the end of this course students will be able to:

1) Understand what ERP systems are and what they can offer to businesses.
2) Analyze how ERP systems integrate different departments and functional areas across a supply chain.
3) Define organizational structures that are needed in an ERP system to be able to mimic real world business processes.
4) Understand how data is stored in database tables and how it is fetched by standard and customized transactions and reports in an ERP system.
5) Go over main business processes and use functions, tools and reports in various modules of SAP ERP (Sales and Distribution, Materials Management, Production Planning, Financial Accounting and Controlling).
6) Examine the integration points between different modules in an ERP system.

TENTATIVE COURSE OUTLINE

Topics	Week

Lecture 1: Why ERP?
• The Functional Organizational Structure
• Business Process
  o Key Business Processes
• Business Process Automation History
  o ERP Systems; History, Evolution, Functions, Pros and Cons
	1

• Course Outline and Objectives	

Lecture 2: Structures and Data in ERP Systems
• Architecture of Enterprise Systems
• Enterprise Resource Planning Systems
• Data in Enterprise System
  o Organizational Data
  o Master Data
  o Transaction Data
	2

Lecture 3: Materials Management in ERP • MM Organizational Data • MM Master Data • MM Processes o Procure-to-Pay Process • Global Bike Case Study • Navigation in SAP	3
Lectures 4 and 5: Procure-to-Pay • Procure-to-Pay Business Process in ERP	4-5

Lecture 6: Production Planning in ERP
• PP Organizational Structure
• PP Master Data
• PP Processes
  o Material Planning
  o Production Planning
  o Manufacturing Execution Process
	6

Lectures 7 and 8: Production Planning and Execution • Production Planning and Execution Business Process in ERP	7-8
Lecture 9: Sales and Distribution in ERP • SD Organizational Data • SD Mater Data • SD Processes o Order-to-Cash Process	9
Lecture 10: Order-to-Cash • Order-to-Cash Business Process in ERP	10
Lecture 11: Financial Accounting and Controlling in ERP • Introduction to Accounting • Financial Accounting in ERP o General Ledger Accounting	11

○ Accounts Receivable Accounting ○ Accounts Payable Accounting ○ Asset Accounting ○ Bank Accounting	
Lecture 12: ERP Consulting • Functional vs. Technical Consulting • ERP Projects • ERP Consulting Career Paths	12
Project Presentations	13

TERM PROJECT

WW Electronics Ltd. started its business 5 years ago when Robert and Arnold (co-founders) decided to buy electronic products from China and import hem to Canada. The company grew very quickly, and they had to employ 10 people during the first year. After that, they employed Charlotte as a sales manager who helped them get a few well-known clients such as Walmart Canada, Amazon and Canadian Tire. Since then, the company has been expanding even more and now after 5 years there are 50 employees who work for the company in different departments of Sales and Marketing, Purchasing, Manufacturing, Logistics and Operations, Warehouse and Finance.

Lately, Bernard, the IT manager, as well as a few people from other departments (sales, operations, purchasing and manufacturing) have realized that the traditional way of using pen and paper in the production line and then entering data in Excel spreadsheets and emailing them around different departments is slowing down the business and increasing the risks of missing information and losing track of sales, shipments and payments. He brought up the idea of sending out an RFP (Request for Proposal) to several ERP providers to see what they can propose in order to make the flow of information between departments more automated.

The main purpose of this project is to propose a comprehensive solution to WW Electronics that meets all the requirements of its departments. In the following, these departments will be introduced and at the end you will find a list of items that need to be covered in your proposal.

Purchasing

The purchasing department sends the orders to the vendors (manufacturing companies in China) by email and once the products are shipped, the Chinese factories inform the purchasing department through email or fax. Once the goods are received in Canada (which normally takes about 2 months), Purchasing emails Logistics and Operations and they send trucks to pick them up and deliver to the warehouse, people at the warehouse keep track of the inventory in Excel spreadsheets. The factory in China then sends an invoice to WW Electronics and Finance takes care of payments. The company also buys cartons and labels for packaging from local vendors. These products get shipped directly to the warehouse and the vendors send invoices to the finance department. Finance pays these vendors by cheque.

Manufacturing

Manufacturing at WW Electronics consists of 2 steps of packaging and labelling semi-finished products (electronics received from China) and after that packaged products are sent to a finished-goods storage area in the warehouse. All the information regarding semi-finished parts and finished goods are currently being tracked in Excel spreadsheets.

Sales and Marketing

The sales department at WW Electronics uses Salesforce as their main CRM software and use WooCommerce as an e-commerce platform. Orders from customers are captured either through WooCommerce, or by email or phone calls between clients and the sales team. A production planning team works closely with the sales team to provide forecasts and advises the purchasing department.

Finance

The finance department currently uses QuickBooks for all Accounts Receivable (AR), Accounts Payable (AP) and General Ledger activities. After receiving shipping confirmations from the warehouse, finance creates customer invoices in QuickBooks and emails the customer. On the accounts payable side, after receiving the invoices from Chinese factories, finance writes cheques and sends to the vendors. As for the internal activities like paying the employees, keeping track of costs and reporting on expenses, Finance uses a combination of the available tools in QuickBooks and Excel spreadsheets.

Required Items to Be Covered in Proposal

1. For each functional area, provide a detailed list of all the possible existing problems and areas that the business is slowing down because of the lack of an ERP system and explain how your proposed solution will cope with these issues.
2. Identify all the existing types of documents that flow within each functional area and explain your plans for the existing open documents if the company decides to proceed with your proposal.
3. Prepare a list of questions for blueprinting meetings with each department.
4. Prepare a list of potential questions that you think you will be asked by each department and provide answers.
5. Explain your plans for using or scrapping all the reporting tools and software that the company is using to operate today. In case of integration with SAP, you need to do research and explain the requirements and deliverables for integration. In case of replacement or getting rid of the existing software, you need to explain the alternative solution(s) as well as cost analysis and financial justifications.
6. In your proposal, explain the flow of documents in each department and the integration points between different functional areas in SAP. Provide a flowchart to make the proposed flow easy to understand.
7. Prepare a list of additional services that you think SAP can offer to the business with zero or minimal costs that can contribute to either growing the business or reducing costs/waste or increasing customer satisfaction.
8. Considering the impacts of global pandemics (such as the novel coronavirus pandemic) on people's lives and the way businesses interact with their partners, explain the benefits of implementing SAP and the role it can play in minimizing the needs for human contact at WW Electronics.

ON CAMPUS RESOURCES

HEALTH SERVICES An on-campus health clinic and health promotion center with nurses and doctors. SGW 514-848-2424 ext. 3565 LOY 514-848-2424 ext. 3575	**COUNSELLING AND PSYCHOLOGICAL SERVICES** Counsellors (licensed mental health professionals) work with students to address their mental health and wellbeing needs. SGW 514-848-2424 ext. 3545 LOY 514 848-2424 ext. 3555
ACCESS CENTRE FOR STUDENTS WITH DISABILITIES Supports students with a variety of disability conditions (including temporary disabilities arising from illness or injury). Students receive academic support for their educational experience at Concordia. acsdinfo@concordia.ca 514-848-2424 ext. 3525	**SEXUAL ASSAULT RESOURCE CENTRE** Provides confidential and non-judgemental support and services to students, staff and faculty of all genders and orientations affected by sexual violence and/or harassment. Jennifer Drummond, Coordinator jennifer.drummond@concordia.ca sarc@concordia.ca 514-848-2424 ext. 3353
STUDENT SUCCESS CENTRE Support network from first-year to graduation. You'll find one-on-one tutors, study groups, workshops as well as learning and career advisors 514-848-2424, ext. 3921	**DEAN OF STUDENTS** Supports students to enhance their Concordia experience by engaging in student life outside the classroom. Terry Kyle, Manager deanofstudents.office@concordia.ca SGW 514-848-2424 ext. 3517 LOY 514-848-2424 ext. 4239
ABORIGINAL STUDENT RESOURCE CENTRE An on-campus resource for First Nations, Métis and Inuit students that helps them make the most of the many resources available at the university. Orenda Konwawennotion Boucher-Curotte, Coordinator orenda.boucher@concordia.ca 514-848-2424 ext. 7327	**INTERNATIONAL STUDENTS OFFICE** Supporting international students with immigration documents, health insurance, social events, and workshops. iso@concordia.ca 514-848-2424 ext. 3515
STUDENT ADVOCACY OFFICE Advocating for students facing charges under the Academic Code of Conduct or the Code of Rights and Responsibilities. studentadvocates@concordia.ca 514-848-2424, ext. 3992	**MULTI-FAITH & SPIRITUALITY CENTRE** Provides a home for all those wishing to celebrate the human spirit in the widest sense of the word, through programs, events and a quiet space for reflection. Ellie Hummel, Coordinator mfsc@concordia.ca 514-848-2424, ext. 3593
CAMPUS SECURITY Ensures the safety of our members and campus property through prevention, surveillance, intervention, training, and education. Provides emergency medical services. security@concordia.ca 514-848-3717 (dial 1 for urgent situations; dial 2 for non-urgent situations)	**CONCORDIA UNIVERSITY STUDENT PARENTS CENTRE** An accessible space for student parents to study, share interests and develop a support network. Sumaiya Gangat, Coordinator cusp@concordia.ca 514-848-2424, ext. 2431

ACADEMIC HONESTY AND CODE OF CONDUCT

Violation of the Academic Code of Conduct in any form will be severely dealt with. This includes copying (even with modifications) of program segments. You must demonstrate independent thought through your submitted work. The Academic Code of Conduct of Concordia University is available at:
http://www.concordia.ca/students/academic-integrity/offences.html

It is expected that during class discussions and in your written assignments you will communicate constructively and respectfully. Sexist, racist, homophobic, ageist, and ablest expressions will not be tolerated.

ADDENDUM

ACADEMIC CONDUCT ISSUES THAT APPLY IN GENERAL
The basic ten rules that make you a good engineer

The B. Eng. program is set to satisfy most of the requirements for your education and prepares you for a professional engineering career that requires dedication and knowledge. What you learn, and how you learn, will be used extensively in your engineering profession for the next 30 to 40 years. Therefore, the four years spent in the engineering program are crucial towards your professional formation. The first step is for you to learn to "think like an engineer" which means:

- accept responsibility for your own learning
- follow up on lecture material and homework
- learn *problem-solving skills,* not just how to solve each specific homework problem
- build a body of knowledge integrated throughout your program
- behave responsibly, ethically and professionally

One of the mainstays of being a professional engineer is a professional code of conduct and as an engineering student this starts with the Academic Code of Conduct (Article 16.3.14 of the undergraduate calendar). However, you may encounter situations that fall outside the norm and in such cases, you use your common sense.

Further, the following issues should be given serious consideration:

1) Attendance at lectures and tutorials are major learning opportunities and should not be missed. The labs represent a unique opportunity for you to acquire practical knowledge that you will need in your career. Class and tutorial attendance is important for you to comprehend the discipline and make the connections between engineering skills. You are strongly encouraged to participate in the class, ask questions and answer the instructor's questions. Tutorials are just extensions of the classes in which application of the concepts presented during the lectures are presented and problems are practically solved.

2) The decision to write tests that are not mandatory is entirely yours. For example, midterm test are often stated in many courses as optional. However, one the objectives of midterms is to check on your

comprehension of the material and allow time for whatever action is necessary (from more study time to discontinuing a course). Plan to attend the class tests even if they are not mandatory. If you pay attention in the lectures, it will take you significantly shorter time to comprehend the material. **Note also** that if you are in the unfortunate position of being unable to write a final exam due to medical reasons and seek a deferral, this may not be possible if the instructor has no information indicating that you have been attending the course and assimilating the material (ie through midterms, quizzes, assignments etc).

3) Homework is usually mandatory and it has some weight in the final grade (such information is given in the course outline). Homework may also be conceived as training material for the class tests. Under all circumstances, it is highly recommended to carry out the home work on time and submit it on the prescribed date. Late submissions are not granted to individual cases regardless of the reason. This is part of the training for being in the workforce where deadlines have to be met. Please, plan your work such that you submit all the assignments and lab reports on time and in the correct place (not in the corridor or on the street!).

4) Office hours with tutors, lab instructors or class instructors are listed in the course outline/website/office doors. Please respect these office hours and in case you have a serious conflict, contact the instructor asking for a special time arrangement.

5) Class tests (midterms, quizzes) are returned to the student. The final exams are not. If you wish to see your exam paper, be aware that most instructors allow only a narrow window of time for that purpose. For the fall term, exams may usually be reviewed in January and May for the spring term.

6) When you see your marked work (assignments, midterms, final exam etc), be aware that you are supposed to review your material and see the type of errors you made and if marks have been added incorrectly. This is not an opportunity to try and "negotiate" a higher grade with the instructor. If you believe that your grade is not right, you may apply for a formal Course Reevaluation through the Birks Student Centre.

7) Writing tests and exams represents a major component of your course work. These tests and exams have rigorous requirements such as:

- **No cell phone or other communication enabling tool is allowed on the student** during the examination period.
- Only **specified faculty calculators** are allowed during tests and exams unless otherwise indicated by the instructor.
- Usually, **no materials** are allowed in the exam unless otherwise announced.

Get used to signing in and out of your exam. Make sure that you leave your exam papers with the invigilator. There are rules concerning general exam issues in the UG Calendar. These requirements are there to eliminate any possible misunderstanding and you are asked to **respect the rules**. Disciplinary measures are taken when the rules are not followed.

8) Respect your colleagues and those that you meet during the class: tutors, instructors, lab instructors, technical personnel, assistants, etc. Use appropriate communication means and language. Be considerate for all human beings. This includes small things such as turning off cell-phones before a class begins. Concordia University is a very diverse group of people and a very large multicultural community.

9) Communication is part of your future profession. Learn how to communicate effectively and efficiently in the shortest time possible. Write short but meaningful e-mails, make effective phone calls, etc. If your instructor accepts emails make sure that your request is clear with the course number and your name in the *Subject* line. Do not ask for special treatment as instructors have to treat all students equitably.

10) Respect all the above and you will get closer to your future profession.

Course number	Course Title	Term
MECH 368 Section T	Electronics for Mechanical Engineers	Fall 2022

Course Instructor	Office	Contact	Office Hours
Dr. Sorin Voiculescu	EV.3.257	use MS TEAMS Note: DO NOT SEND EMAILS (they will not be answered) No communication 48h before the exam	Office Hours: online MSTEAMS book 15 minutes slots click here

THIS COURSE OUTLINE IS COMMON TO ALL FALL/WINTER MECH 368 SECTIONS

***IMPORTANT*: secure MS Teams access using Concordia account.**
Visit http://www.concordia.ca/it/services/office-365-education.html !!

2021 – 2022 Winter MS Teams code**: *9irf0ki***

1. Click Teams on the left side of the app, then click Join or create a team at the bottom of your teams list.
2. Go to Join a team **with a code** (the second tile), paste the **code** in the Enter **code** box, and click Join.

COURSE CALENDAR DESCRIPTION

Voltage and current dividers, voltage and current sources, Thevenin and Norton equivalent sources. Semiconductors and diodes. Amplifiers and switches. Operational amplifiers. Digital logic components and circuits (flip-flops, registers, memories, MUX/DEMUX, etc.). Digital systems. Digital communication and computer architecture.

Lectures: three hours per week. Tutorial: one hour per week. Laboratory: two hours per week, alternate weeks.
NOTE: Students who have received credit for MECH 470 may not take this course for credit.
NOTE: Electrical Engineering and Computer Engineering students may not take this course for credit.

PREREQUISITE

PHYS 205 previously; MIAE 215 previously or concurrently

THIS COURSE IS A PREREQUISITE TO

MECH 471 - Microcontrollers for Mechatronics

INTENDED SCHEDULE & Textbook chapters

The intended schedule can be found at
https://1drv.ms/x/s!Akwdl9k3H6FVl5pr7C1Ie_1RDQ0MTQ?e=SLy557

TEXTBOOK: "Principles and Applications of Electrical Engineering" ISBN: 978-0073529592, by: Giorgio Rizzoni, 7th edition, McGraw-Hill, electronic version available online.

SOFTWARE:

1. LTSPICE (introduced in Tutorial 1) – free on WEB, available for Windows and Mac.
2. Paul Falstad circuit simulator

COURSE OBJECTIVES: This course exposes students to the essentials of electronic technology and the basic of electronic design such as any mechanical engineer can understand the operation of basic electronic circuits in the field of controls, instrumentation, and electrical power transfer. The course covers basic circuits, including linear and non-linear circuit analysis, basic semiconductor electronic devices, and electronic systems, including digital and analog systems, and analog-digital interface circuits.

The following applied knowledge and skills will be acquired upon completion of the course:
− Understanding the role and analyzing the behavior of various types of electronic circuits.
− Learning the tools and techniques, and laboratory equipment, for analyzing the operation of electronic circuits.

Knowledge base for engineering prerequisites

As you are progressing through this course, you will be learning and practicing attributes that engineering students shall achieve upon graduation.
The following graduate attribute will be included in the course:

"Problem analysis: An ability to use appropriate knowledge and skills to identify, analyze, and solve complex engineering problems in order to reach substantiated conclusions."

Graduate Attributes	Indicators	Reasons for mapping
Problem analysis	Problem identification and formulation	In MECH368 provide basic understanding and knowledge of analogue and digital electronics to mechanical engineering students for their ability to communicate and interact

The knowledge base for engineering required for this course will be tested throughout the entire activity.

Tutorials start week #1: introduction to LT SPICE

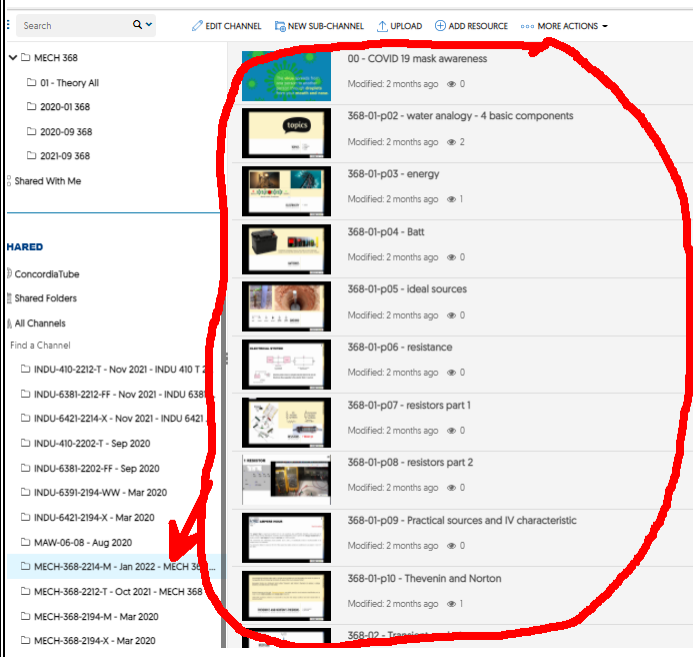
KEY TO SUCCESS

IMPORTANT: for a successful exam and a good grade, students **must** review the concepts introduced in **PHYS 205**, textbook: Serway, Jewett - Physics for Scientists and Engineers with Modern Physics, 9th Ed (insist on the **bold** ones)

23.1 Properties of Electric Charges
23.5 Electric Field of a Continuous Charge Distribution
24.2 Gauss's Law
25.1 Electric Potential and Potential Difference
25.2 Potential Difference in a Uniform Electric Field
25.5 Electric Potential Due to Continuous Charge Distributions
26.1 Definition of **Capacitance**
26.2 Calculating Capacitance
26.3 Combinations of **Capacitors**
26.4 Energy Stored in a Charged Capacitor
26.5 Capacitors with Dielectrics
26.6 Electric Dipole in an Electric Field
26.7 An Atomic Description of Dielectrics
27.1 Electric Current
27.2 **Resistance**
27.4 **Resistance and Temperature**
27.5 **Superconductors**
27.6 **Electrical Power**
28.1 Electromotive Force
28.2 **Resistors in Series and Parallel**
28.3 **Kirchhoff's Rules**
28.4 **RC Circuits**
28.5 Household Wiring and Electrical Safety
29.1 Analysis Model: Particle in a Field (Magnetic)
29.2 Motion of a Charged Particle in a Uniform Magnetic Field
29.4 Magnetic Force Acting on a Current-Carrying Conductor
29.5 Torque on a Current Loop in a Uniform Magnetic Field
29.6 The Hall Effect
30.2 The Magnetic Force Between Two Parallel Conductors
30.3 Ampère's Law
30.4 The Magnetic Field of a Solenoid
31.1 Faraday's Law of Induction
31.2 Motional emf
31.3 Lenz's Law
31.4 Induced emf and Electric Fields
31.5 **Generators** and **Motors**
31.6 Eddy Currents
32.1 Self-Induction and Inductance
32.2 **RL Circuits**
32.3 Energy in a Magnetic Field
32.4 Mutual Inductance
32.5 Oscillations in an LC Circuit
33.1 **AC Sources**
33.2 **Resistors in an AC Circuit**
33.3 **Inductors in an AC Circuit**

33.4 **Capacitors in an AC Circuit**
33.5 The RLC Series Circuit
33.6 **Power** in an **AC Circuit**
33.7 Resonance in a Series RLC Circuit
33.8 The **Transformer** and **Power Transmission**

As a courtesy to students, Dr. Voiculescu created several videos on the PHYS 205 topics in a series of videos available on course MS TEAMS (videos 368-01-p02 to 368-01-p10 below).



Only a good understanding of the above listed topics can secure an honorable passing grade.

MECH 368 LAB (mandatory activity)

The laboratory sessions provide the student with the opportunity to build and test several analog and digital circuits as well as to become familiar with basic electronic test equipment such as oscilloscopes, DVM's, counters, power supplies and curve tracers. In general, the experiments can only be completed within the allotted time if the student is prepared and organized.

This activity provides a great added value to the course and to the future mechanical engineers.

The lab manual will be available on the Moodle course webpage (students will not have to pay for the manual).

1. Transfers between lab sections are not allowed.
2. Students repeating the course must repeat all labs.
3. If a student misses any lab, this will constitute a grade of **"INC" (incomplete)**.

4. ***Attendance and participation in the lab will be verified by the lab instructor during each session.***
5. ***Every student must sign the "LAB ATTENDANCE SHEET"; this is to verify that you have attended the lab.***

Important note: the lab is an essential part of the MECH 368. Several assignments, the project, and the final exam might have a component linked to the interpretation of a physical circuit (see attached example of assignment).

!! A passing grade for Lab activity is mandatory for passing the course !!

- *For in person activities*: Physical presence for lab is mandatory. Students who cannot physically attend a lab activity must immediately contact their lab demonstrator and find an alternative timeslot.

Contact information:

- Jaime Yeargans – lab. Technician

Lab demonstrators (can be contacted on MS Teams) and sections assigned:

Hamidreza Khodashenas

Jin Li

Alireza Saboukhi – sections HI, GI, JI, MI, QI

DavidSabourin

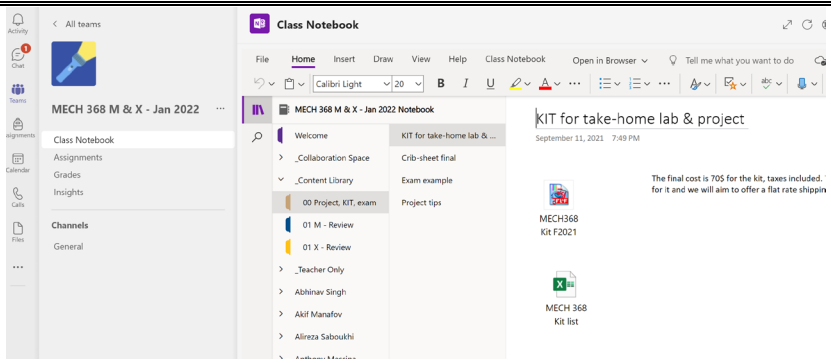
Lab report: see the lab manual document, §2.2

- *For in person activities*: each student must submit one individual lab report (the same document for all the members of the team).

The report format has been simplified: students must only answer each question in the lab manual (and have the name of the team colleagues on the first page). This means that, for MECH 368, students do not have to follow a lab report format.

Note: each student must submit a report, the same for the entire group. This means the same document must be submitted 4 times for a team of 4.

MECH 368 KIT (needed for project and for take-home lab): Students can buy (online or in store) a Concordia MECH 368 dedicated kit of basic components. For more details, refer to the Lab Kit notes in the Class Notebook on MS Teams.



Assignments

Assignments are due before the lecture on the day of the assignment. ***NO LATE*** assignments will be accepted beyond the date of submission, and a mark of zero will be graded. Assignments must be exclusively submitted in class and simulations on Moodle. No other mean is accepted, e.g. papers slid under my office door, documents in my mailbox, by message, by email, will not be accepted.

Best n-1 out f n assignments and collaborative quizzes will be graded.

For exceptional cases, e.g., medical issues, etc., handwritten assignments can be submitted online. These assignments must be scanned and have the student ID card on the first page. Fail to scan the student ID with the first page of the assignment gets a 0.

Physical circuit

All the assignments ask students to build a physical circuit. The circuit counts for 20% of the assignment grade and will be

- Brought in class
- For exceptional cases, e.g., medical issues, etc., the physical circuit can be filmed (not more than 1 minute of video) and a working YouTube link should be posted on Moodle in a separate PDF file.
  The video should start with the student's face and with the student's ID card with photo
  The video should clearly show the circuit (and the requirement for that circuit).

Assignments grading scheme

Grading scheme for assignments:

Assignment submission ***handwritten*** on paper, simulation files .ASC or link to falstad tool, and simulation results print screen in .PDF format on Moodle.

note: Moodle accepts only .PDF files print screens and .ASC files for simulations

Important: briefly explain in words the circuit, if necessary, build the equivalent diagram, define the role of each component.

handwritten or printed on paper: 10% problem statement (copy-paste of the requirement - to save time, I recommend you print the requirement on the first page of the assignment, but handwritten brief description of the problem statement is also accepted)
handwritten: 50% composed of:

- analysis
- analytical solution

.ASC file or falstad link: 25% simulation
handwritten: 15% discussion (e.g. simulation vs. analytical results comparison, questions, insights, etc.)

FINAL EXAM

Should the government allow, this course will be taught, and final exam will be in-person.

Disclaimer: any online information or recording is posted exclusively to help students in case of unavailability (e.g. COVID) and is not intended to replace the in-person activities.

GRADING

The instructor reserves the right to **conduct** an **individual oral examination** on **any** exam, lab, project, or assignment results to verify the student's responses and understanding of specific topics.

Grading scheme:

1. Lab (L) = pass or fail – failed lab does not allow access to exam
2. Exam (**E**) for 30%
3. Project (**P**) for 30% (to be presented in person / groups)
4. Moodle Topic quizzes (**TQ**) * [best 6 out of 7 as follows: 4 assignments (**A**) and 3 Collaborative quizzes (**CQ**)] for 30%
5. Pop quizzes (**PQ**) 10%

Final grade **F** = **E***0.30 + **P***0.30 + **TQ** * (best 6 out of 7**:** **A** + **CQ**) * 0.30 + **PQ** * 0.10

Grade conversion to letter:
A+ = top 8.33% grades
A = next 8.33% grades
A- = next 8.33% grades
B+ = next 8.33% grades
B = next 8.33% grades
B- = next 8.33% grades
C+ = next 8.33% grades
C = next 8.33% grades
C- = next 8.33% grades
D+ = next 8.33% grades
D = next 8.33% grades

D- = next 8.33% grades

F: did not achieve a passing grade (see below)

For grades 0.4% or less close to next letter (e.g. 89.61%, close to A+) the entire student's activity will be evaluated (participation in class, assignments, quizzes, paper exam clarity and quality, project quality, etc.)

Final exam will cover the entire course content:

- numerical problems
  - take-home like
  - tutorial like
- A set of randomly generated questions from all TOPIC QUIZ set of questions

In order to achieve a passing grade in the course, the student must achieve a **passing grade on:**
- the **Final Examination**
- the **Laboratory Work**
- the **Project**

Note: bonus might be offered for participation in class.

PROJECT

Group project.

Details will be provided during week 4

OTHER

FORUM

Based on previous experience, I create a **Moodle forum** and I encourage you to **actively participate**: ask questions, answer, discuss solutions, etc.

ANONYMOUS FEEDBACK

To achieve excellence, we need to improve every day. Help the Professor improve your experience. You will find on Moodle an anonymous feedback page which will be available through the entire semester. Please feel free to suggest improvement (only critic or complain is not enough).

TEACHING, PRACTICE & EVALUATION

TEACHING (Level of Knowledge: Introductory) – Mechanical engineering students consider that electronics and digital systems are out of discipline studies which belong to electrical engineering.

Today's mechanical engineers are required to be multidisciplinary, using fundamental knowledge and practice to communicate with electrical and computer science engineers and technical personnel with respect to analog and digital electronics, microprocessors, and software programming. The objective of the course is to provide basic understanding and knowledge of analog and digital electronics to mechanical engineering students for their ability to communicate and interact.

PRACTICE – Problems and practices given in the assignments and labs will significantly involve the activities and practical tools as required to learn the fundamentals of electronics.

EVALUATION (Course Learning Outcomes) – These aspects of the graduate attribute will be evaluated through the assignments, lab reports and examinations. In particular, the two Mid-Terms and Final Exam grades will be used as assessment and reporting of this graduate attribute with respect to non-mechanical engineering *"problem identification and formulation"* through electronics problem analysis and solving, where the student will:

- Read and understand the problem
- Answer the questions: What information is given? What information is missing?
- Identify unknowns, ambiguities, and assumptions
- Describe given facts and inputs of the problem
- Clearly describe the requirements of the solution
- Describe in general yet clear terms what a solution would look like

BEHAVIOUR

All individuals participating in courses are expected to be professional and constructive throughout the course, including in their communications.

Concordia students are subject to the Code of Rights and Responsibilities which applies both when students are physically and virtually engaged in any University activity, including classes, seminars, meetings, etc. Students engaged in University activities must respect this Code when engaging with any members of the Concordia community, including faculty, staf, and students, whether such interactions are verbal or in writing, face to face or online/virtual. Failing to comply with the Code may result in charges and sanctions, as outlined in the Code.

IP

Content belonging to instructors shared in online courses, including, but not limited to, online lectures, course notes, and video recordings of classes remain the intellectual property of the faculty member. It may not be distributed, published or broadcast, in whole or in part, without the express permission of the faculty member. Students are also forbidden to use their own means of recording any elements of an online class or lecture without express permission of the instructor. Any unauthorized sharing of course content may constitute a breach of the Academic Code of Conduct and/or the Code of Rights and Responsibilities. As specified in the Policy on Intellectual Property, the University does not claim any ownership of or interest in any student IP. All university members retain copyright over their work

ETHICAL BEHAVIOUR

Plagiarism:

The most common offense under the Academic Code of Conduct is plagiarism, which the Code defines as “the presentation of the work of another person as one’s own or without proper

acknowledgement." This includes material copied word for word from books, journals, Internet sites, professor's course notes, etc. It refers to material that is paraphrased but closely resembles the original source. It also includes for example the work of a fellow student, an answer on a quiz, data for a lab report, a paper or assignment completed by another student. It might be a paper purchased from any source. Plagiarism does not refer to words alone – it can refer to copying images, graphs, tables, and ideas. "Presentation" is not limited to written work. It includes oral presentations, computer assignments and artistic works. Finally, if you translate the work of another person into any other language and do not cite the source, this is also plagiarism.

In Simple Words:
Do not copy, paraphrase, or translate anything from anywhere without saying where you obtained it.

By using Concordia's **Moodle**, all **students** in the Faculty of Engineering and Computer Science **comply** with principles of **academic integrity** for to submitting coursework to their instructors for evaluation, namely reports, assignments, lab reports and/or software. All students should become familiar with the University's Code of Conduct (Academic) located at http://web2.concordia.ca/LegalCounsel/policies/english/AC/Code.html

Disclaimer:
In the event of extraordinary circumstances and pursuant to the Academic Regulations, the University may modify the delivery, content, structure, forum, location and/or evaluation scheme. In the event of such extraordinary circumstances, students will be informed of the changes.

ON CAMPUS RESOURCES

HEALTH SERVICES An on-campus health clinic and health promotion center with nurses and doctors. SGW 514-848-2424 ext. 3565 LOY 514-848-2424 ext. 3575	**COUNSELLING AND PSYCHOLOGICAL SERVICES** Counsellors (licensed mental health professionals) work with students to address their mental health and wellbeing needs. SGW 514-848-2424 ext. 3545 LOY 514 848-2424 ext. 3555
ACCESS CENTRE FOR STUDENTS WITH DISABILITIES Supports students with a variety of disability conditions (including temporary disabilities arising from illness or injury). Students receive academic support for their educational experience at Concordia. acsdinfo@concordia.ca 514-848-2424 ext. 3525	**SEXUAL ASSAULT RESOURCE CENTRE** Provides confidential and non-judgemental support and services to students, staff and faculty of all genders and orientations affected by sexual violence and/or harassment. Jennifer Drummond, Coordinator jennifer.drummond@concordia.ca sarc@concordia.ca 514-848-2424 ext. 3353
STUDENT SUCCESS CENTRE Support network from first-year to graduation. You'll find one-on-one tutors, study groups, workshops as well as learning and career advisors 514-848-2424, ext. 3921	**DEAN OF STUDENTS** Supports students to enhance their Concordia experience by engaging in student life outside the classroom. Terry Kyle, Manager deanofstudents.office@concordia.ca SGW 514-848-2424 ext. 3517 LOY 514-848-2424 ext. 4239

ABORIGINAL STUDENT RESOURCE CENTRE An on-campus resource for First Nations, Métis and Inuit students that helps them make the most of the many resources available at the university. Orenda Konwawennotion Boucher-Curotte, Coordinator orenda.boucher@concordia.ca 514-848-2424 ext. 7327	**INTERNATIONAL STUDENTS OFFICE** Supporting international students with immigration documents, health insurance, social events, and workshops. iso@concordia.ca 514-848-2424 ext. 3515
STUDENT ADVOCACY OFFICE Advocating for students facing charges under the Academic Code of Conduct or the Code of Rights and Responsibilities. studentadvocates@concordia.ca 514-848-2424, ext. 3992	**MULTI-FAITH & SPIRITUALITY CENTRE** Provides a home for all those wishing to celebrate the human spirit in the widest sense of the word, through programs, events and a quiet space for reflection. Ellie Hummel, Coordinator mfsc@concordia.ca 514-848-2424, ext. 3593
CAMPUS SECURITY Ensures the safety of our members and campus property through prevention, surveillance, intervention, training, and education. Provides emergency medical services. security@concordia.ca 514-848-3717 (dial 1 for urgent situations; dial 2 for non-urgent situations)	**CONCORDIA UNIVERSITY STUDENT PARENTS CENTRE** An accessible space for student parents to study, share interests and develop a support network. Sumaiya Gangat, Coordinator cusp@concordia.ca 514-848-2424, ext. 2431

ACADEMIC HONESTY AND CODE OF CONDUCT

Violation of the Academic Code of Conduct in any form will be severely dealt with. This includes copying (even with modifications) of program segments. You must demonstrate independent thought through your submitted work. The Academic Code of Conduct of Concordia University is available at: http://www.concordia.ca/students/academic-integrity/offences.html

It is expected that during class discussions and in your written assignments you will communicate constructively and respectfully. Sexist, racist, homophobic, ageist, and ablest expressions will not be tolerated.

ADDENDUM

ACADEMIC CONDUCT ISSUES THAT APPLY IN GENERAL
The basic ten rules that make you a good engineer

The B. Eng. program is set to satisfy most of the requirements for your education and prepares you for a professional engineering career that requires dedication and knowledge. What you learn, and how you learn, will be used extensively in your engineering profession for the next 30 to 40 years. Therefore, the four years spent in the engineering program are crucial towards your professional formation. The first step is for you to learn to “think like an engineer” which means:

- accept responsibility for your own learning
- follow up on lecture material and homework
- learn *problem-solving skills,* not just how to solve each specific homework problem
- build a body of knowledge integrated throughout your program

- behave responsibly, ethically, and professionally

One of the mainstays of being a professional engineer is a professional code of conduct and as an engineering student this starts with the Academic Code of Conduct (Article 16.3.14 of the undergraduate calendar). However, you may encounter situations that fall outside the norm and in such cases, you use your common sense.

Further, the following issues should be given serious consideration:

1) Attendance at lectures and tutorials are major learning opportunities and should not be missed. The labs represent a unique opportunity for you to acquire practical knowledge that you will need in your career. Class and tutorial attendance is important for you to comprehend the discipline and make the connections between engineering skills. You are strongly encouraged to participate in the class, ask questions and answer the instructor's questions. Tutorials are just extensions of the classes in which application of the concepts presented during the lectures are presented and problems are practically solved.

2) The decision to write tests that are not mandatory is entirely yours. For example, midterm test are often stated in many courses as optional. However, one the objectives of midterms is to check on your comprehension of the material and allow time for whatever action is necessary (from more study time to discontinuing a course). Plan to attend the class tests even if they are not mandatory. If you pay attention in the lectures, it will take you significantly shorter time to comprehend the material. **Note also** that if you are in the unfortunate position of being unable to write a final exam due to medical reasons and seek a deferral, this may not be possible if the instructor has no information indicating that you have been attending the course and assimilating the material (i.e. through midterms, quizzes, assignments etc.).

3) Homework is usually mandatory, and it has some weight in the final grade (such information is given in the course outline). Homework may also be conceived as training material for the class tests. Under all circumstances, it is highly recommended to carry out the homework on time and submit it on the prescribed date. Late submissions are not granted to individual cases regardless of the reason. This is part of the training for being in the workforce where deadlines must be met. Please, plan your work such that you submit all the assignments and lab reports on time and in the correct place (not in the corridor or on the street!).

4) Office hours with tutors, lab instructors or class instructors are listed in the course outline/website/office doors. Please respect these office hours and in case you have a serious conflict, contact the instructor asking for a special time arrangement.

5) Class tests (midterms, quizzes) are returned to the student. The final exams are not. If you wish to see your exam paper, be aware that most instructors allow only a narrow window of time for that purpose. For the fall term, exams may usually be reviewed in January and May for the spring term.

6) When you see your marked work (assignments, midterms, final exam etc.), be aware that you are supposed to review your material and see the type of errors you made and if marks have been added incorrectly. This is not an opportunity to try and "negotiate" a higher grade with the instructor. If you believe that your grade is not right, you may apply for a formal Course Reevaluation through the Birks Student Centre.

7) Writing tests and exams represents a major component of your course work. These tests and exams have rigorous requirements such as:

- **No cell phone or other communication enabling tool is allowed on the student** during the examination period.
- Only **specified faculty calculators** are allowed during tests and exams unless otherwise indicated by the instructor.
- Usually, **no materials** are allowed in the exam unless otherwise announced.

Get used to signing in and out of your exam. Make sure that you leave your exam papers with the invigilator. There are rules concerning general exam issues in the UG Calendar. These requirements are there to eliminate any possible misunderstanding and you are asked to **respect the rules**. Disciplinary measures are taken when the rules are not followed.

8) Respect your colleagues and those that you meet during the class: tutors, instructors, lab instructors, technical personnel, assistants, etc. Use appropriate communication means and language. Be considerate for all human beings. This includes small things such as turning off cellphones before a class begins. Concordia University is a very diverse group of people and a very large multicultural community.

9) Communication is part of your future profession. Learn how to communicate effectively and efficiently in the shortest time possible. Write short but meaningful e-mails, make effective phone calls, etc. If your instructor accepts emails, make sure that your request is clear with the course number and your name in the *Subject* line. Do not ask for special treatment as instructors have to treat all students equitably.

10) Respect all the above and you will get closer to your future profession.

Course Requirements (BEng in Aerospace Engineering)

Degree Requirements

The program in Aerospace Engineering consists of the Engineering Core, the Aerospace Engineering Core, and option requirements as shown below. The minimum length of the program is 120 credits.

BEng in Aerospace Engineering (120 credits)

27 credits from the Engineering Core

38.25 credits from the Aerospace Engineering Core

54.75 credits from one of the following options

Option A — Aerodynamics and Propulsion

Option B – Aerospace Structures and Materials

Option C — Avionics and Aerospace Systems

Aerospace Engineering Core (38.25 credits)

0

- AERO 201 Introduction to Flight and Aerospace Systems (4.00)
- AERO 290 Introduction to Aircraft Design (3.00)
- AERO 371 Modelling and Control Systems (3.50)
- AERO 390 Aerospace Engineering Design Project (3.00)
- AERO 417 Standards, Regulations and Certification (3.00)
- AERO 490 Capstone Aerospace Engineering Design Project (6.00)
- ENGR 242 Statics (3.00)
- ENGR 243 Dynamics (3.00)

- ENGR 244 Mechanics of Materials (3.75)
- ENGR 251 Thermodynamics I (3.00)
- ENGR 361 Fluid Mechanics I (3.00)

0 Note: Students may replace AERO 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.

Aerospace Engineering Option Requirements (54.75 credits)

Students in the Aerospace Engineering program must complete at least 54.75 elective credits from within one of the following options:
Option A — Aerodynamics and Propulsion
Option B – Aerospace Structures and Materials
Option C — Avionics and Aerospace Systems

Option A — Aerodynamics and Propulsion (54.75 credits)

50.25 compulsory credits from Option A – Aerodynamics and Propulsion Core

4.5 credits minimum from Option A – Aerodynamics and Propulsion Electives .

Option A – Aerodynamics and Propulsion Core (50.25 credits)

- AERO 446 Aerospace Vehicle Performance (3.00)
- AERO 455 Computational Fluid Dynamics for Aerospace Applications (3.75)
- AERO 462 Turbomachinery and Propulsion (3.00)
- AERO 464 Aerodynamics (3.00)
- AERO 465 Gas Turbine Design (3.50)
- AERO 481 Materials Engineering for Aerospace (3.50)
- ENGR 311 Transform Calculus and Partial Differential Equations (3.00)
- MECH 343 Theory of Machines (3.50)
- MECH 351 Thermodynamics II (3.50)
- MECH 352 Heat Transfer I (3.50)
- MECH 361 Fluid Mechanics II (3.50)
- MECH 461 Gas Dynamics (3.50)
- MIAE 211 Mechanical Engineering Drawing (3.50)
- MIAE 215 Programming for Mechanical and Industrial Engineers (3.50)
- MIAE 221 Materials Science (3.00)

Option A – Aerodynamics and Propulsion Electives (4.5 credits)

4.5 credits minimum chosen from the following courses:

- AERO 431 Principles of Aeroelasticity (3.50)
- AERO 471 Aircraft Hydro-Mechanical and Fuel Systems (3.50)
- AERO 472 Aircraft Pneumatic and Electrical Power Systems (3.50)

- AERO 480 Flight Control Systems (3.50)
- AERO 482 Avionic Navigation Systems (3.00)
- AERO 485 Introduction to Space Systems (3.00)
- AERO 486 Aircraft Stress Analysis (3.00)
- ENGR 411 Special Technical Report (1.00)
- ENGR 412 Honours Research Project (3.00)
- INDU 372 Quality Control and Reliability (3.00)
- INDU 412 Human Factors Engineering (3.50)
- MECH 368 Electronics for Mechanical Engineers (3.50)
- MECH 373 Instrumentation and Measurements (3.50)
- MECH 375 Mechanical Vibrations (3.50)
- MECH 426 Stress and Failure Analysis of Machinery (3.00)
- MECH 452 Heat Transfer II (3.50)
- MECH 453 Heating, Ventilation and Air Conditioning Systems (3.00)
- MECH 460 Finite Element Analysis (3.75)
- MECH 498 Topics in Mechanical Engineering (3.00)

Note: Students may take no more than one of the following courses: AERO 486 , MECH 375, MECH 426 , MECH 460 .
Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.

Option B – Aerospace Structures and Materials (54.75 credits)

54.75 compulsory credits from Option B – Aerospace Structures and Materials Core

Option B – Aerospace Structures and Materials Core (54.75 credits)

0

- AERO 431 Principles of Aeroelasticity (3.50)
- AERO 481 Materials Engineering for Aerospace (3.50)
- AERO 486 Aircraft Stress Analysis (3.00)
- AERO 487 Design of Aircraft Structures (3.00)
- ENGR 311 Transform Calculus and Partial Differential Equations (3.00)
- MECH 343 Theory of Machines (3.50)
- MECH 352 Heat Transfer I (3.50)
- MECH 373 Instrumentation and Measurements (3.50)
- MECH 375 Mechanical Vibrations (3.50)
- MECH 412 Computer-Aided Mechanical Design (3.50)
- MECH 460 Finite Element Analysis (3.75)
- MIAE 211 Mechanical Engineering Drawing (3.50)
- MIAE 215 Programming for Mechanical and Industrial Engineers (3.50)
- MIAE 221 Materials Science (3.00)
- MIAE 311 Manufacturing Processes (3.00)
- MIAE 312 Engineering Design and Manufacturing Processes Lab (1.00)
- MIAE 313 Machine Drawing and Design (3.50)

Option C — Avionics and Aerospace Systems (54.75 credits)

46.5 compulsory credits from the Option C — Avionics and Aerospace Systems Core

8.25 credits minimum from the Option C — Avionics and Aerospace Systems Electives

Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.

Option C — Avionics and Aerospace Systems Core (46.5 credits)

0

- AERO 482 Avionic Navigation Systems (3.00)
- AERO 483 Integration of Avionics Systems (3.00)
- COEN 212 Digital Systems Design I (3.50)
- COEN 231 Introduction to Discrete Mathematics (3.00)
- COEN 243 Programming Methodology I (3.50)
- COEN 244 Programming Methodology II (3.00)
- COEN 311 Computer Organization and Software (3.50)
- COEN 352 Data Structures and Algorithms (3.00)
- ELEC 242 Continuous-Time Signals and Systems (3.00)
- ELEC 273 Basic Circuit Analysis (3.50)
- ELEC 342 Discrete-Time Signals and Systems (3.50)
- ELEC 481 Linear Systems (3.50)
- ELEC 483 Real-Time Computer Control Systems (3.50)
- SOEN 341 Software Process and Practices (4.00)

Option C — Avionics and Aerospace Systems Electives (8.25 credits)

8.25

credits minimum chosen from the following courses:

- AERO 471 Aircraft Hydro-Mechanical and Fuel Systems (3.50)
- AERO 472 Aircraft Pneumatic and Electrical Power Systems (3.50)
- AERO 480 Flight Control Systems (3.50)
- COEN 313 Digital Systems Design II (3.50)
- COEN 317 Microprocessor-Based Systems (3.50)
- COEN 320 Introduction to Real-Time Systems (3.00)
- COEN 346 Operating Systems (3.50)
- COEN 366 Communication Networks and Protocols (3.50)
- COEN 413 Hardware Functional Verification (3.50)
- COEN 421 Embedded Systems Design (4.00)
- COEN 498 Topics in Computer Engineering (3.00)
- ELEC 251 Fundamentals of Applied Electromagnetics (3.00)

- ELEC 311 Electronics I (3.50)
- ELEC 331 Fundamentals of Electrical Power Engineering (3.50)
- ELEC 351 Electromagnetic Waves and Guiding Structures (3.50)
- ELEC 367 Introduction to Digital Communications (3.50)
- ELEC 433 Power Electronics (3.50)
- ELEC 442 Advanced Signal Processing (3.00)
- ELEC 458 Techniques in Electromagnetic Compatibility (3.00)
- ELEC 464 Wireless Communications (3.00)
- ELEC 482 System Optimization (3.50)
- ELEC 498 Topics in Electrical Engineering (3.00)
- ENGR 411 Special Technical Report (1.00)
- SOEN 342 Software Requirements and Deployment (4.00)
- SOEN 343 Software Architecture and Design (4.00)

Note: Students having a GPA of 3.0 or more may submit a request to take a graduate course as an elective.

Section 71.40.1 Course Requirements (BEng in Mechanical Engineering)

Degree Requirements

The program in Mechanical Engineering consists of the Engineering Core, the Mechanical Engineering Core, and elective credits as shown below. The minimum length of the program is 120 credits.

BEng in Mechanical Engineering (120 credits)

27 credits from the Engineering Core

87 credits from the Mechanical Engineering Core

6 credits from the Mechanical Engineering Electives

Mechanical Engineering Core (87 credits)

87 credits:

- ENGR 242 Statics (3.00)
- ENGR 243 Dynamics (3.00)
- ENGR 244 Mechanics of Materials (3.75)
- ENGR 251 Thermodynamics I (3.00)
- ENGR 311 Transform Calculus and Partial Differential Equations (3.00)
- ENGR 361 Fluid Mechanics I (3.00)
- MECH 321 Properties and Failure of Materials (3.50)
- MECH 343 Theory of Machines (3.50)
- MECH 344 Machine Element Design (3.00)
- MECH 351 Thermodynamics II (3.50)
- MECH 352 Heat Transfer I (3.50)

- MECH 361 Fluid Mechanics II (3.50)
- MECH 368 Electronics for Mechanical Engineers (3.50)
- MECH 370 Modelling and Analysis of Dynamic Systems (3.50)
- MECH 371 Analysis and Design of Control Systems (3.75)
- MECH 373 Instrumentation and Measurements (3.50)
- MECH 375 Mechanical Vibrations (3.50)
- MECH 390 Mechanical Engineering Design Project (3.50)
- MECH 490 Capstone Mechanical Engineering Design Project (6.00)
- MIAE 211 Mechanical Engineering Drawing (3.50)
- MIAE 215 Programming for Mechanical and Industrial Engineers (3.50)
- MIAE 221 Materials Science (3.00)
- MIAE 311 Manufacturing Processes (3.00)
- MIAE 312 Engineering Design and Manufacturing Processes Lab (1.00)
- MIAE 313 Machine Drawing and Design (3.50)
- MIAE 380 Product Design and Development (3.00)

Note: Students may replace MECH 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490, their projects must be approved by the ENGR 490 Design Committee before the start of the fall term.

Mechanical Engineering Electives (6 credits)

6 credits minimum from the following course lists:
Aerospace Group: Mechanical Engineering BEng
Design and Manufacturing Group: Mechanical Engineering BEng
Systems and Mechatronics Group: Mechanical Engineering BEng
Thermo-Fluids and Propulsion Group: Mechanical Engineering BEng
Vehicle Systems Group: Mechanical Engineering BEng
Stress Analysis Group: Mechanical Engineering BEng

0 Notes:
Courses are listed in groups to facilitate the selection of courses in a particular area of the field.
With permission of the department students may take one technical elective outside of the groups listed above.
Students must get approval from the department before registering in the technical elective outside of the groups listed above.

Aerospace Group: Mechanical Engineering BEng

0
- AERO 417 Standards, Regulations and Certification (3.00)
- AERO 446 Aerospace Vehicle Performance (3.00)
- AERO 455 Computational Fluid Dynamics for Aerospace Applications (3.75)
- AERO 462 Turbomachinery and Propulsion (3.00)
- AERO 464 Aerodynamics (3.00)
- AERO 465 Gas Turbine Design (3.50)
- AERO 480 Flight Control Systems (3.50)
- AERO 482 Avionic Navigation Systems (3.00)
- AERO 485 Introduction to Space Systems (3.00)
- AERO 486 Aircraft Stress Analysis (3.00)
- AERO 487 Design of Aircraft Structures (3.00)

- ENGR 411 Special Technical Report (1.00)
- ENGR 412 Honours Research Project (3.00)
- MECH 498 Topics in Mechanical Engineering (3.00)

Design and Manufacturing Group: Mechanical Engineering BEng

0

- ENGR 411 Special Technical Report (1.00)
- ENGR 412 Honours Research Project (3.00)
- INDU 372 Quality Control and Reliability (3.00)
- INDU 410 Safety Engineering (3.00)
- INDU 411 Computer Integrated Manufacturing (3.50)
- INDU 412 Human Factors Engineering (3.50)
- MECH 412 Computer-Aided Mechanical Design (3.50)
- MECH 414 Computer Numerically Controlled Machining (3.50)
- MECH 421 Mechanical Shaping of Metals and Plastics (3.50)
- MECH 422 Mechanical Behaviour of Polymer Composite Materials (3.00)
- MECH 423 Casting, Welding, Heat Treating, and Non-Destructive Testing (3.50)
- MECH 424 MEMS — Design and Fabrication (3.50)
- MECH 425 Manufacturing of Composites (3.50)
- MECH 428 Failure Analysis of Machine Systems (3.00)
- MECH 468 Wind Turbine Engineering (3.00)
- MECH 476 Generative Design and Manufacturing in Engineering (3.00)
- MECH 498 Topics in Mechanical Engineering (3.00)

Systems and Mechatronics Group: Mechanical Engineering BEng

0

- AERO 480 Flight Control Systems (3.50)
- AERO 482 Avionic Navigation Systems (3.00)
- ENGR 411 Special Technical Report (1.00)
- ENGR 412 Honours Research Project (3.00)
- MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3.00)
- MECH 463 Fluid Power Control (3.50)
- MECH 471 Microcontrollers for Mechatronics (3.50)
- MECH 472 Mechatronics and Automation (3.50)
- MECH 473 Control System Design (3.50)
- MECH 474 Mechatronics (3.75)
- MECH 498 Topics in Mechanical Engineering (3.00)

Thermo-Fluids and Propulsion Group: Mechanical Engineering BEng

0

- AERO 455 Computational Fluid Dynamics for Aerospace Applications (3.75)

- AERO 462 Turbomachinery and Propulsion (3.00)
- AERO 465 Gas Turbine Design (3.50)
- ENGR 411 Special Technical Report (1.00)
- ENGR 412 Honours Research Project (3.00)
- MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3.00)
- MECH 451 Renewable Energy: Fundamentals and Applications (3.00)
- MECH 452 Heat Transfer II (3.50)
- MECH 453 Heating, Ventilation and Air Conditioning Systems (3.00)
- MECH 461 Gas Dynamics (3.50)
- MECH 463 Fluid Power Control (3.50)
- MECH 468 Wind Turbine Engineering (3.00)
- MECH 498 Topics in Mechanical Engineering (3.00)

Vehicle Systems Group: Mechanical Engineering BEng

0

- ENGR 411 Special Technical Report (1.00)
- ENGR 412 Honours Research Project (3.00)
- MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3.00)
- MECH 444 Guided Vehicle Systems (3.00)
- MECH 447 Fundamentals of Vehicle System Design (3.00)
- MECH 454 Vehicular Internal Combustion Engines (3.00)
- MECH 473 Control System Design (3.50)
- MECH 498 Topics in Mechanical Engineering (3.00)

Stress Analysis Group: Mechanical Engineering BEng

0

- AERO 431 Principles of Aeroelasticity (3.50)
- AERO 486 Aircraft Stress Analysis (3.00)
- ENGR 411 Special Technical Report (1.00)
- ENGR 412 Honours Research Project (3.00)
- MECH 412 Computer-Aided Mechanical Design (3.50)
- MECH 415 Advanced Programming for Mechanical and Industrial Engineers (3.00)
- MECH 422 Mechanical Behaviour of Polymer Composite Materials (3.00)
- MECH 426 Stress and Failure Analysis of Machinery (3.00)
- MECH 428 Failure Analysis of Machine Systems (3.00)
- MECH 460 Finite Element Analysis (3.75)
- MECH 498 Topics in Mechanical Engineering (3.00)

Section 71.40.2 Course Requirements (BEng in Industrial Engineering)

Degree Requirements

The program in Industrial Engineering consists of the Engineering Core, the Industrial Engineering Core, and elective credits as shown below. The minimum length of the program is 120 credits.

BEng in Industrial Engineering (120 credits)

27 credits from the Engineering Core

81 credits from the Industrial Engineering Core

12 credits minimum of Industrial Engineering Electives

Industrial Engineering Core (81 credits)

81 credits:

- ENGR 245 Mechanical Analysis (3.00)
- ENGR 251 Thermodynamics I (3.00)
- ENGR 311 Transform Calculus and Partial Differential Equations (3.00)
- INDU 211 Introduction to Production and Manufacturing Systems (3.00)
- INDU 311 Simulation of Industrial Systems (3.50)
- INDU 320 Production Engineering (3.00)
- INDU 321 Lean Manufacturing (3.00)
- INDU 323 Operations Research I (3.50)
- INDU 324 Operations Research II (3.50)
- INDU 330 Engineering Management (3.00)

- INDU 342 Logistics Network Models (3.00)
- INDU 371 Stochastic Models in Industrial Engineering (3.00)
- INDU 372 Quality Control and Reliability (3.00)
- INDU 411 Computer Integrated Manufacturing (3.50)
- INDU 412 Human Factors Engineering (3.50)
- INDU 421 Facilities Design and Material Handling Systems (3.50)
- INDU 423 Inventory Control (3.50)
- INDU 490 Capstone Industrial Engineering Design Project (6.00)
- MIAE 211 Mechanical Engineering Drawing (3.50)
- MIAE 215 Programming for Mechanical and Industrial Engineers (3.50)
- MIAE 221 Materials Science (3.00)
- MIAE 311 Manufacturing Processes (3.00)
- MIAE 312 Engineering Design and Manufacturing Processes Lab (1.00)
- MIAE 313 Machine Drawing and Design (3.50)
- MIAE 380 Product Design and Development (3.00)

0 Note: Students may replace INDU 490 with ENGR 490 if they are interested in a multidisciplinary project that requires collaboration with students from other engineering departments. In order for students to register in ENGR 490 , their projects must be approved by the Design Committee before the start of the fall term.

Industrial Engineering Electives (12 credits)

12 credits minimum chosen from at least three INDU Courses

Students may take no more than one course from the Other Industrial Engineering Elective Courses list.

INDU Courses

Students must take at least three courses from the following list:

- INDU 410 Safety Engineering (3.00)
- INDU 424 Introduction to Enterprise Resource Planning (3.00)
- INDU 431 Quantitative Methods in Health-care Systems (3.00)
- INDU 441 Introduction to Six Sigma (3.00)
- INDU 466 Decision Models in Service Sector (3.00)
- INDU 475 Advanced Concepts in Quality Improvement (3.00)
- INDU 480 Cases in Industrial Engineering (3.00)
- INDU 498 Topics in Industrial Engineering (3.00)

Other Industrial Engineering Elective Courses

0 Students may take no more than one course from the following list:

- BSTA 478 Data Mining Techniques (3.00)
- BTM 480 Project Management (3.00)

- ENGR 411 Special Technical Report (1.00)
- ENGR 412 Honours Research Project (3.00)
- MANA 300 Entrepreneurship: Launching Your Business (3.00)

Undergraduate Program Regular Curriculum Change - ICE-ICE-5152 - VERSION : 1

Summary and Rationale for Changes

The Institute for Co-operative Education's series of professional development training has been successfully running for many years and provides a solid foundation for Institute students from all our offerings: Co-op, C.Edge, Grad Co-op, and ACE. The Institute now has over 5000 students and increasingly large admissions (year-over-year increase of approx. 30% from fall 2021 to fall 2022), as such, there is a clear need for additional efficiencies, clarity, and organization for students and staff alike.

Given our near-constant interfacing with the external job market, it is imperative that students be thoroughly prepared to undertake their internship search in a professional and confident manner. This is achieved through the Career Fundamentals training, which most Institute students undertake from their first semester at Concordia. Beyond the process of applying, interviewing, and securing their internships, students are empowered to take their education and the practical application of that knowledge into their own hands to prepare them for the remainder of their working years.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
CFUN 101 Career Fundamentals - New course	X	X	X	X	X		X	X	X	
CFUN 102 Vous êtes engagé! Institute for Co-operative Education Interview Preparation in French New course	X	X	X	X	X		X	X	X	

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Institute for Co-operative Education addition of CFUN courses

Calendar Section Name: CFUN 101
Calendar Section Type: Course
Description of Change: CFUN 101 Career Fundamentals - New course

Proposed: Undergraduate Curriculum Changes

Faculty/School: Institute for Co-operative Education

Department: Institute for Co-operative Education

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 24 Institute for Co-operative Education > Career Fundamentals Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	CFUN 101 Institute for Co-operative Education Career Fundamentals (0 credits)
Prerequisites:	*Prerequisites:* Enrolment in a program at the Institute for Co-operative Education is required.
Description :	*Description :* This course compr i ses a series of asynchronous modules and synchronous workshops each of which focuses on a different element of the internship/job application process using strengths-based strategies to set students up for internship success. Possible t opics include job search, résumé, cover letter, and interview skills in addition to time and stress management, mental health literacy, learning agility, extracurricular activities, and projects. Additionally, the course includes training on how to navigate Compass (the online platform that helps students manage all activities related to the Institute for Co-operative Education). By the end of this course, students will be able to prepare the elements of an internship job application and apply strengths-based strategies to their internship job search .
Component(s):	*Component(s):*
Notes :	*Notes :*

Rationale:

The Institute for Co-operative Education has been running a series of training workshops for several years. The introduction of these courses are formalizing the training workshops into courses to ensure clarity, consistency, and efficiency for students and staff alike.

This course will provide Institute for Co-operative Education students with a structured approach to developing internship and job search skills using strengths-based strategies to set them up for internship and professional success.

Resource Implications:

There are no resource implications as the content of these courses have existed for many years already and the Institute can manage the SIS

components of the courses.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Institute for Co-operative Education addition of CFUN courses

Calendar Section Name: CFUN 102
Calendar Section Type: Course
Description of Change: CFUN 102 Vous êtes engagé! Institute for Co-operative Education Interview Preparation in French New course

Proposed: Undergraduate Curriculum Changes

Faculty/School: Institute for Co-operative Education

Department: Institute for Co-operative Education

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 24 Institute for Co-operative Education > Career Fundamentals Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	CFUN 102 Vous êtes engagé! Institute for Co-operative Education Interview Preparation in French (0 credits)
Prerequisites:	*Prerequisites:* Enrolment in a program at the Institute for Co-operative Education is required. Students must complete an assessment to determine their French proficiency prior to undertaking the course.
Description :	*Description :* This course comprises a series of asynchronous modules and synchronous workshops each of which focuses on a different component of the interview process in a French-speaking context. Possible topics include etiquette and introductions, scheduling interviews, phone interviews, interview questions, and ending an interview. By the end of this course, students will be able to navigate the interview process in a French context and improve their conversational skills to feel more confident in their ability to conduct an interview in French.
Component(s):	*Component(s):*
Notes :	*Notes :*

Rationale:

The Institute for Co-operative Education has been running a series of training workshops for several years. The introduction of these courses are formalizing the training workshops into courses to ensure clarity, consistency, and efficiency for students and staff alike.

This course will provide Institute for Co-operative Education students with the opportunity to improve their French proficiency in preparation for the internship search process, and in particular interviews in a French-speaking context.

Resource Implications:
There are no resource implications as the content of these courses have existed for many years already and the Institute can manage the SIS components of the courses.

D3

D4

Impact Report

Undergraduate Program Regular Curriculum Change - OOR-OOR-5145 - VERSION : 3

Summary and Rationale for Changes

The Senate approved on March 19, 2021, decisions to implement a 12 week term instead of a 13 week term, and to implement a fall reading week, and these changes need to be reflected in the calendar.

Twelve week term

The 1980 Senate approved regulations ("that after the 12th week of classes no tests or examinations shall take place other than in the official examination period, and in accordance with the schedule drawn up by the Examinations Office; any exceptions shall be approved by Faculty Council; and that no change in the examination schedule shall be made by an instructor without explicit approval of the Examinations Office"), were never put in the Calendar yet have been applied since their inception in 1980. Because of the changes required in going from a 13 week term to a 12 week term, we felt that in addition to amending the 1980 document that this regulation should finally be added to the Calendar.

Therefore, this dossier includes an update to Section 16.3.7 to clarify that "no tests or examinations shall take place after the 11th week of classes other than in the official examination period."

Fall reading week

The the logistics working group for the 12-week term and fall reading week initiative proposed to leave the duration of the regular session at 15 weeks since it will cover 12 weeks of classes, a reading week and two weeks of exams.

Important update: Based on the APC recommendation on October 14, 2022, the text that was proposed to be added at the beginning of the "Examinations" section was removed from the dossier submission and instead the changes were made to the "I. Final Examinations" section. Please note that the date when the decision to implement a fall reading week was approved is now specified in the dossier.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Dr. Sandra Gabriele, Vice Provost innovation, Teaching and learning,
Academic Programs Committee, 27 Oct 2022

Approved by:

Ilze Kraulis, Associate Registrar,
12 week term/Fall break Logistics committee/Office of the Registrar, 27 Oct 2022

The proposed addition to the calendar was recommended and supported by members of the logistics working group for the 12-week term and fall reading week initiative. The members of the working group are:

- Ilze Kraulis, Associate Registrar,
- Lisa Ostiguy, Special Advisor, Campus Life and Supports
- Nicolas Tzoutis, Manager, Course Registration, Exams & Academic
- Stéphanie de Celles, University Registrar

The change to section 16.3.7 of the undergraduate calendar is required to reflect the impact of the initiative on examination regulations. The text for the required addition is taken (with small changes) from the second section of the "Regulation on the Prohibition of Examinations in the Final Week of Term" document that includes formulations reviewed and approved by the Senate in 1980. The document has been amended by the Office of the Registrar in September 2022 and is included in the dossier. The original copy of the document is included as well.

The decision to implement a fall reading week was approved by the Senate and needs to be reflected in the calendar. The working group proposed to leave the duration of the regular session at 15 weeks since it will cover 12 weeks of classes, a reading week and two weeks of exams.

For more information regarding the 12-week term and fall reading week initiative, please visit: https://www.concordia.ca/provost/initiatives/12-week-term.html

Important update: Based on the APC recommendation on October 14, 2021, the text that was proposed to be added at the beginning of the "Examinations" section was removed from the dossier submission and instead the changes were made to the "I. Final Examinations" section.

Summary of Committee Discussion: FCC/FAPC Approval

For Submission to:

Ilze Kraulis, Associate Registrar,
Office of the Registrar and Enrolment Services, 23 Sep 2022

Approved by:

Serhiy Homonyuk, Coordinator, Projects,
Office of the Registrar, 23 Sep 2022

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Regulation Changes:

- Academic Year Change
- Examinations Change
- I. Final Examinations Change

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Calendar change to reflect the impact of the 12-week term and fall reading week initiative on section 16.3.7 (Examinations) and Academic Year

Calendar Section Name: Academic Year
Calendar Section Type: Regulation
Description of Change: Academic Year Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 11 & 16)

Department: Enrolment Services/Office of the Registrar (Sections 11 & 16)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 16 Academic Information: Definitions and Regulations > Academic Information: Definitions and Regulations > Section 16.1 General Information > Section 16.1.1 Academic Year

Present Text (from 2021) calendar	Proposed Text
Academic Year The academic year is defined by the calendar year in which it begins and the year in which it ends. It begins with a summer session (May to August) followed by a regular session (September to April). **Summer Session:** The summer session includes all courses offered between the beginning of May and the end of August. **Regular Session:** The regular session is divided into a fall term (September – December) and a winter term (January – April). Each term is 15 weeks long and includes an examination period, during which any final examination must be held. The Section 11 Academic Calendar lists precise dates for the beginning and end of ~~classes~~ and examination periods.	Academic Year The academic year is defined by the calendar year in which it begins and the year in which it ends. It begins with a summer session (May to August) followed by a regular session (September to April). **Summer Session:** The summer session includes all courses offered between the beginning of May and the end of August. **Regular Session:** The regular session is divided into a fall term (September – December) and a winter term (January – April). Each term is 15 weeks long and includes a reading week break and an examination period, during which any final examination must be held. The Section 11 Academic Calendar lists precise dates for the beginning and end of classes, the reading week break and examination periods.

Rationale:
The decision to implement the 12-week term and fall reading week initiative was approved by the Senate on March 19, 2021. The working group proposed to leave the duration of the regular session at 15 weeks since it will cover 12 weeks of classes, a reading week and two weeks of exams.

Resource Implications:

D1

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Calendar change to reflect the impact of the 12-week term and fall reading week initiative on section 16.3.7 (Examinations) and Academic Year

Calendar Section Name: Examinations
Calendar Section Type: Regulation
Description of Change: Examinations Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 11 & 16)

Department: Enrolment Services/Office of the Registrar (Sections 11 & 16)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 16 Academic Information: Definitions and Regulations > Academic Information: Definitions and Regulations > Section 16.3 Evaluation, Administrative Notations, Examinations, and Performance Requirements > Section 16.3.7 Examinations

Present Text (from 2021) calendar	Proposed Text
Examinations Students must present identification in order to write any examination. Acceptable identification is: Concordia student ID card or Medicare card or driver's licence that bears the photo and signature of the student. Unless expressly permitted by the instructor, the possession of electronic communication devices is prohibited during examinations.	Examinations Students must present identification in order to write any examination. Acceptable identification is: Concordia student ID card or Medicare card or driver's licence that bears the photo and signature of the student. Unless expressly permitted by the instructor, the possession of electronic communication devices is prohibited during examinations.

Rationale:

The changes in the section are no longer required.

Resource Implications:
No impact

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Calendar change to reflect the impact of the 12-week term and fall reading week initiative on section 16.3.7 (Examinations) and Academic Year

Calendar Section Name: I. Final Examinations
Calendar Section Type: Regulation
Description of Change: I. Final Examinations Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 11 & 16)

Department: Enrolment Services/Office of the Registrar (Sections 11 & 16)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 16 Academic Information: Definitions and Regulations > Academic Information: Definitions and Regulations > Section 16.3 Evaluation, Administrative Notations, Examinations, and Performance Requirements > Section 16.3.7 Examinations > Examinations

Present Text (from 2021) calendar	Proposed Text
I. Final Examinations	I. Final Examinations
1. Section 11 Academic Calendar lists the official examination periods.	1. Section 11 Academic Calendar lists the official examination periods.
2. Examination schedules are available to students through the Concordia website on the Student Hub.	2. Examination schedules are available to students through the Concordia website on the Student Hub.
3. Because special arrangements cannot be made in the event of personal time conflicts (including personal travel plans), students should not make commitments for the examination periods until after the final schedule is posted. Nonetheless, in certain documented circumstances, a student who will not be in the Montreal area during the official final examination period can request to write his/her examination at another university or college.	3. Because special arrangements cannot be made in the event of personal time conflicts (including personal travel plans), students should not make commitments for the examination periods until after the final schedule is posted. Nonetheless, in certain documented circumstances, a student who will not be in the Montreal area during the official final examination period can request to write his/her examination at another university or college.
A student who needs to write at an external institution must submit a “Request to Write a Concordia University Exam at an External Institution” available from the Birks Student Service Centre. The completed request should be submitted to the Birks Student Service Centre within the following deadlines: - November 15: for December final examination period - April 1: for April - May final examination period - June 1: for June final examination period - August 1: for August final and replacement/supplemental examination period.	A student who needs to write at an external institution must submit a “Request to Write a Concordia University Exam at an External Institution” available from the Birks Student Service Centre. The completed request should be submitted to the Birks Student Service Centre within the following deadlines: - November 15: for December final examination period - April 1: for April - May final examination period - June 1: for June final examination period - August 1: for August final and replacement/supplemental examination period.
The request must be accompanied by a per-course processing fee. (See the Tuition and Fees website at concordia.ca/admissions/tuition-fees/how-fees-are-billed/undergraduate/fees for the current fee.)	The request must be accompanied by a per-course processing fee. (See the Tuition and Fees website at concordia.ca/admissions/tuition-fees/how-fees-are-billed/undergraduate/fees for the current fee.)
	Among the factors considered in the review of the request is the suitability of the testing location, testing conditions, and time constraints. The institution chosen must be an accredited university or college and the proctor/invigilator must be an employee of that institution and must agree to administer the

Present Text (from 2021) calendar	Proposed Text
Among the factors considered in the review of the request is the suitability of the testing location, testing conditions, and time constraints. The institution chosen must be an accredited university or college and the proctor/invigilator must be an employee of that institution and must agree to administer the exam(s) at the exact same date and time as scheduled at Concordia University and time differences must be taken into account. The student is responsible for any fees that may be charged by the external institution.	exam(s) at the exact same date and time as scheduled at Concordia University and time differences must be taken into account. The student is responsible for any fees that may be charged by the external institution.
4. An examination “conflict” is defined as two examinations scheduled at the exact same day and time or three examinations scheduled in consecutive time blocks (9:00-12:00, 14:00-17:00, 19:00-22:00; 14:00-17:00, 19:00-22:00, 9:00-12:00; 19:00-22:00, 9:00 - 12:00, 14:00 - 17:00). Two examinations in one day or three examinations in 24 hours are not considered a “conflict.” When a “conflict” exists, students are informed on the My Student Centre (View My Exam Schedule page) and are provided with a deadline by which they must advise how they intend to resolve the “conflict.” If a course has an “alternate” examination, there will be an “Alternate Available” date(s) displayed. Please be aware that the “Alternate Available” date(s) shown is intended for students who have a “conflict” in their examination schedule. Students who do not have an examination “conflict,” as defined above, are obliged to write their examination on the date that is indicated in the “Exam Date” column.	4. An examination “conflict” is defined as two examinations scheduled at the exact same day and time or three examinations scheduled in consecutive time blocks (9:00-12:00, 14:00-17:00, 19:00-22:00; 14:00-17:00, 19:00-22:00, 9:00-12:00; 19:00-22:00, 9:00 - 12:00, 14:00 - 17:00). Two examinations in one day or three examinations in 24 hours are not considered a “conflict.” When a “conflict” exists, students are informed on the My Student Centre (View My Exam Schedule page) and are provided with a deadline by which they must advise how they intend to resolve the “conflict.” If a course has an “alternate” examination, there will be an “Alternate Available” date(s) displayed. Please be aware that the “Alternate Available” date(s) shown is intended for students who have a “conflict” in their examination schedule. Students who do not have an examination “conflict,” as defined above, are obliged to write their examination on the date that is indicated in the “Exam Date” column.
Students who cannot write an examination due to work commitments or religious observations may also request permission to write an “alternate” by reporting their conflict and providing the appropriate documentation in support of their request. Further information is available by contacting the Registration and Examinations Office. Also see Section 16.3.7 Examinations III.3 Alternate Examinations .	Students who cannot write an examination due to work commitments or religious observations may also request permission to write an “alternate” by reporting their conflict and providing the appropriate documentation in support of their request. Further information is available by contacting the Registration and Examinations Office. Also see Section 16.3.7 Examinations III.3 Alternate Examinations .
5. No student will be admitted to the exam room if his/her name does not appear on the roster of students assigned to write in that room.	5. No student will be admitted to the exam room if his/her name does not appear on the roster of students assigned to write in that room.
6. No candidate will be permitted to enter an examination room after the first third of the examination has elapsed, or to leave before the first third of the examination has elapsed: - 3 hour examination: no entry after first 60 minutes has elapsed; no exit before first 60 minutes has elapsed - 2.5 hour examination: no entry after first 50 minutes has elapsed; no exit before first 50 minutes has elapsed - 2 hour examination: no entry after first 40 minutes has elapsed; no exit before first 40 minutes has elapsed - 1.5 hour examination: no entry after first 30 minutes has	6. No candidate will be permitted to enter an examination room after the first third of the examination has elapsed, or to leave before the first third of the examination has elapsed: - 3 hour examination: no entry after first 60 minutes has elapsed; no exit before first 60 minutes has elapsed - 2.5 hour examination: no entry after first 50 minutes has elapsed; no exit before first 50 minutes has elapsed - 2 hour examination: no entry after first 40 minutes has elapsed; no exit before first 40 minutes has elapsed - 1.5 hour examination: no entry after first 30 minutes has elapsed; no exit before first 30 minutes has elapsed - 1 hour examination: no entry after first 20 minutes has elapsed; no exit before first 20 minutes has elapsed
	7. Students will be assigned to a specific desk/seat location.
	8. Student ID cards will be collected at the time of “signing-in” and will be returned when “signing-out.”
	9. Students may not leave the exam room during the last 15 minutes.

Present Text (from 2021) calendar	Proposed Text
elapsed; no exit before first 30 minutes has elapsed - 1 hour examination: no entry after first 20 minutes has elapsed; no exit before first 20 minutes has elapsed	10. **If during the course of an examination a student becomes ill, the student should report at once to the invigilator, hand in the unfinished paper and request that the examination be cancelled. Before leaving the University, the student must also visit the Temporary Examinations Office location in order that a report of the situation may be filed.**
7. Students will be assigned to a specific desk/seat location.	
8. Student ID cards will be collected at the time of “signing-in” and will be returned when “signing-out.”	11. If a student completes an examination, even though he/she is ill or faced with other personal problems or situations, the subsequent grade obtained in the course must stand. Petitions on the grounds of illness **will not be considered**.
9. Students may not leave the exam room during the last 15 minutes.	
10. **If during the course of an examination a student becomes ill, the student should report at once to the invigilator, hand in the unfinished paper and request that the examination be cancelled. Before leaving the University, the student must also visit the Temporary Examinations Office location in order that a report of the situation may be filed.**	12. In the fall and winter terms, no tests or examinations are permitted in the final week of classes other than in the official examination period, and in accordance with the final examination schedule created by the Examinations Office. Any exceptions to the rule that no tests or examinations shall take place after the final week of classes must be approved in advance by the appropriate Faculty Council. Other forms of assessment such as presentations, term papers, essays, projects, or other types of assignments do not fall into the category of tests or examinations and therefore need not follow this rule.
11. If a student completes an examination, even though he/she is ill or faced with other personal problems or situations, the subsequent grade obtained in the course must stand. Petitions on the grounds of illness **will not be considered**.	13. The final examination schedule shall be determined by the Examinations office. No change in the final examination schedule shall be made by an instructor without explicit approval of the Examinations office.
12. In the fall and winter terms, no tests or examinations are permitted in the final week of ~~classes.~~ Any exceptions must be approved in advance by the appropriate Faculty Council.	

Rationale:

The change to the calendar was recommended by the APC after the dossier (OOR-5145) was reviewed at the meeting on October 14, 2021. Based on the APC recommendation, the text that was proposed to be added at the beginning of the "Examinations" section was removed and instead the changes were made to the "I. Final Examinations" section.

Resource Implications:

No Impact

Impact Report

Regulation on the Prohibition of Examinations

in the Final Week of Term

(As approved by Senate - April 25, l980)

Whereas the general purposes of the official University examination period are :

a) to confirm the requirement of the full 13 weeks of classes;

b) to give students an opportunity after the end of classes, to prepare for their final assessments;

c) to avoid conflicts in individual students' examinations and final assessment schedules;

Therefore be it resolved,

a) that Senate confirm the requirement of the full 13weeks of classes;

b) that after the 12th week of classes no tests or examinations shall take place other than in the official examination period, and in accordance with the schedule drawn up by the Examinations Office; any exceptions shall be approved by Faculty Council;

c) that no change in the examination schedule shall be made by an instructor without explicit approval of the Examinations Office.

May 1980.

Regulation on the Prohibition of Examinations

in the Final Week of Term

(As approved by Senate - April 25, l980. This document is being amended in September 2022 to reflect the Senate approved 12-week term and the Fall term reading week that will be implemented in 2023-2024 academic year)

Whereas the general purposes of the official University examination period are :

a) to confirm the requirement of the full 12 weeks of classes;

b) to give students an opportunity after the end of classes, to prepare for their final assessments;

c) to avoid conflicts in individual students' examinations and final assessment schedules;

Therefore be it resolved,

a) that Senate confirm the requirement of the full 12 weeks of classes;

b) that after the 11th week of classes no tests or examinations shall take place other than in the official examination period, and in accordance with the schedule drawn up by the Examinations Office; any exceptions shall be approved by Faculty Council;

c) that no change in the examination schedule shall be made by an instructor without explicit approval of the Examinations Office.

May 1980.

Amended September 2022

Regulation on the Prohibition of Examinations in the Final Week of Term

(As approved by Senate - April 25, 1980)

Whereas the general purposes of the official University examination period are :

a) to confirm the requirement of the full 13 weeks of classes;

b) to give students an opportunity after the end of classes, to prepare for their final assessments;

c) to avoid conflicts in individual students' examinations and final assessment schedules;

Therefore be it resolved,

a) that Senate confirm the requirement of the full 13weeks of classes;

b) that after the 12th week of classes no tests or examinations shall take place other than in the official examination period, and in accordance with the schedule drawn up by the Examinations Office; any exceptions shall be approved by Faculty Council;

c) that no change in the examination schedule shall be made by an instructor without explicit approval of theExaminations Office.

May 1980.

Undergraduate Program Regular Curriculum Change - ISO-ISO-5230 - VERSION : 2

Summary and Rationale for Changes

Section 19 currently includes specific information related to admissions and placement practices for several international curriculums including, A-Level, US High School, French Baccalaureate, and International Baccalaureate applicants. The information is no longer accurate as the curriculums have undergone several changes since the text was first included in the section. In addition, this level of specificity should not be included in section 19 going forward; the section should not refer to specific admissions requirements as they are not specific to only international students but can be applied to Canadians (or other imstat groups) as well. Therefore, this dossier proposes to remove from the calendar all of the information currently presented under Section 19.1.1.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee (APC), 18 Nov 2022

Approved by:

Serhiy Homonyuk,, Coordinator, Projects (delegate of Registrar),
Office of the Registrar, 10 Nov 2022

We approve the changes proposed in the attached dossier, for submission to the next meeting of APC.

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Serhiy Homonyuk, Coordinator, Projects (Delegate of Registrar),
Office of the Registrar, 10 Nov 2022

Approved by:

Ilze Kraulis, Meredith Evans, Associate Registrar,
Office of the Registrar, 10 Nov 2022

We approve of the changes outlined in the attached dossier,

Thank you for considering the dossier for the next meeting of APC.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Regulation Changes:

- Admission Requirements Delete
- Advanced Level and Advanced Subsidiary Examinations Delete
- United States Delete
- France Delete
- International Baccalaureate Delete
- Other Countries Delete
- Transfers from Post-Secondary Institutions Delete

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Section 19.1.1 Admission Requirements

Calendar Section Name: Admission Requirements
Calendar Section Type: Regulation
Description of Change: Admission Requirements Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: International Students Office

Department: International Students Office

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Deletion

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 19 International Students > International Students > Section 19.1 Admission Requirements > Section 19.1.1 Admission Requirements

Present Text (from 2021) calendar	Proposed Text
~~Admission Requirements~~ ~~Concordia welcomes applications for admission from well-qualified students from other countries. In general, students are expected to have completed the level of education required for university admission in their home country. The school-leaving subjects taken by the candidate should normally be appropriate for the degree program to which application has been made. Some programs have additional requirements, e.g. audition, interview, portfolio. Since entry to many programs is limited, the satisfaction of minimum requirements does not guarantee entry to the University.~~ ~~Depending on their educational background, applicants are considered for entry to three-year (90 credits) or four-year (120 credits) degree programs. In the case of the BEng, BA (Early Childhood and Elementary Education), BEd (TESL), BSc in Athletic Therapy, and BFA (Specialization in Art Education), the program requires four to five years.~~	

Rationale:
This level of specificity should not be included in section 19 going forward; the section should not refer to specific admissions requirements as they are not specific to only international students but can be applied to Canadians (or other imstat groups) as well.

Resource Implications:

D1

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Section 19.1.1 Admission Requirements

Calendar Section Name: Advanced Level and Advanced Subsidiary Examinations
Calendar Section Type: Regulation
Description of Change: Advanced Level and Advanced Subsidiary Examinations Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: International Students Office

Department: International Students Office

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Deletion

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 19 International Students > International Students > Section 19.1 Admission Requirements > Section 19.1.1 Admission Requirements > Admission Requirements

Present Text (from 2021) calendar	Proposed Text
~~Advanced Level and Advanced Subsidiary Examinations~~ ~~The minimum admission requirements are two A-level examinations plus three appropriate GCSE/IGCSE examinations.~~ ~~An average grade of "C" or better in Advanced-level subjects is expected. In the case of certain quota programs where enrolment is limited, candidates will have to present higher grades in order to compete successfully for places at the University. Two appropriate AS (Advanced Subsidiary) Levels may be accepted in lieu of an Advanced Level for the purpose of satisfying the general entrance requirements of the University.~~ ~~Students who have not written Advanced - level examinations but who have high grades in at least five appropriate GCSE subjects plus one full year of formal schooling beyond the GCSE level in a suitable academic program in a recognized school or college, may be considered for admission to an undergraduate program requiring the completion of 120 credits (four years). In the case of the BEng, BA (Early Childhood and Elementary Education), BEd (TESL), BSc in Athletic Therapy, and BFA (Specialization in Art Education), the program would require four to five years.~~	

Rationale:
This level of specificity should not be included in section 19 going forward; the section should not refer to specific admissions requirements as they are not specific to only international students but can be applied to Canadians (or other imstat groups) as well.

Resource Implications:

D2

None.

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Section 19.1.1 Admission Requirements

Calendar Section Name: United States
Calendar Section Type: Regulation
Description of Change: United States Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: International Students Office

Department: International Students Office

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Deletion

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 19 International Students > International Students > Section 19.1 Admission Requirements > Section 19.1.1 Admission Requirements > Admission Requirements

Present Text (from 2021) calendar	Proposed Text
~~United States~~ ~~High school graduates with strong grades from accredited schools who have followed an academic program designed for university entrance may apply for admission to an undergraduate program requiring the completion of 120 credits (four years). In the case of the BEng, BA (Early Childhood and Elementary Education), BEd (TESL), BSc in Athletic Therapy, and BFA (Specialization in Art Education), the program requires four to five years. A General Education Diploma (GED) is not recognized as meeting the requirements for admission to a degree program.~~ ~~Applicants are required to have a better-than-average school record. While no set pattern of courses in high school is required, all applicants are expected to have taken four units of English. Those applying for admission to Science or Engineering must include three or four units in mathematics and two in the sciences. At least three units of appropriate mathematics are recommended for admission to the John Molson School of Business.~~ ~~Although not required for admission, letters of recommendation from school guidance counsellors and the results of aptitude and achievement tests (SAT, ACT) are helpful additions to an application.~~ ~~Students who have passed Advanced Placement examinations in appropriate subjects with a grade of "3" or better may be awarded transfer credits.~~	

Rationale:
This level of specificity should not be included in section 19 going forward; the section should not refer to specific admissions requirements as they are not specific to only international students but can be applied to Canadians (or

other imstat groups) as well.

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Section 19.1.1 Admission Requirements

Calendar Section Name: France
Calendar Section Type: Regulation
Description of Change: France Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: International Students Office

Department: International Students Office

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Deletion

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 19 International Students > International Students > Section 19.1 Admission Requirements > Section 19.1.1 Admission Requirements > Admission Requirements

Present Text (from 2021) calendar	Proposed Text
~~France~~ ~~Students who have completed the requirements for the Baccalauréat with satisfactory results may be considered for admission to an undergraduate program requiring the completion of 90 credits (three years), or 120 credits (four years) for the BA (Early Childhood and Elementary Education), BEd (TESL), BSc in Athletic Therapy, and BFA (Specialization in Art Education).~~ ~~The number of credits required for the BEng varies according to the option chosen and to the previous preparation of the student, but is usually no fewer than 119.~~ ~~In cases where the Baccalauréat specialization (serie) followed does not fully satisfy the entrance course requirements for the degree program sought, the student, if admitted, will have to include the designated prerequisites as part of the first-year program. In some instances, the prerequisites must be taken in addition to the undergraduate program.~~	

Rationale:
This level of specificity should not be included in section 19 going forward; the section should not refer to specific admissions requirements as they are not specific to only international students but can be applied to Canadians (or other imstat groups) as well.

Resource Implications:
none

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Section 19.1.1 Admission Requirements

Calendar Section Name: International Baccalaureate
Calendar Section Type: Regulation
Description of Change: International Baccalaureate Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: International Students Office

Department: International Students Office

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Deletion

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 19 International Students > International Students > Section 19.1 Admission Requirements > Section 19.1.1 Admission Requirements > Admission Requirements

Present Text (from 2021) calendar	Proposed Text
~~International Baccalaureate~~ ~~Candidates who complete the full IB Diploma and who obtain a minimum total of 26 points, may be considered for admission to the three-year (90 credits) programs of study (four years of study in the BEng, BA [Early Childhood and Elementary Education], BEd [TESL], BSc in Athletic Therapy, and BFA [Specialization in Art Education]). Minimum scores in prerequisite subjects as well as a higher overall average may be required for competitive programs. Students who have not completed the full IB Diploma program but have IB Certificates in individual Higher Level subjects may be eligible for credit.~~	

Rationale:
This level of specificity should not be included in section 19 going forward; the section should not refer to specific admissions requirements as they are not specific to only international students but can be applied to Canadians (or other imstat groups) as well.

Resource Implications:
none

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Section 19.1.1 Admission Requirements

Calendar Section Name: Other Countries
Calendar Section Type: Regulation
Description of Change: Other Countries Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: International Students Office

Department: International Students Office

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Deletion

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 19 International Students > International Students > Section 19.1 Admission Requirements > Section 19.1.1 Admission Requirements > Admission Requirements

Present Text (from 2021) calendar	Proposed Text
~~Other Countries~~ ~~Candidates applying from other countries who have completed the level of education required for university admission in their home country will be considered for admission provided that better-than-average grades have been attained. In most cases, a specific minimum overall standard is required. More specific information with respect to admission requirements can be found by visiting the University's website: concordia.ca.~~	

Rationale:
This level of specificity should not be included in section 19 going forward; the section should not refer to specific admissions requirements as they are not specific to only international students but can be applied to Canadians (or other imstat groups) as well.

Resource Implications:
none

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Changes to Section 19.1.1 Admission Requirements

Calendar Section Name: Transfers from Post-Secondary Institutions
Calendar Section Type: Regulation
Description of Change: Transfers from Post-Secondary Institutions
Delete

Proposed: Undergraduate Curriculum Changes

Faculty/School: International Students Office

Department: International Students Office

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Deletion

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 19 International Students > International Students > Section 19.1 Admission Requirements > Section 19.1.1 Admission Requirements > Admission Requirements

Present Text (from 2021) calendar	Proposed Text
~~Transfers from Post-Secondary Institutions~~ ~~Transfers from post-secondary institutions are referred to Section 13.3.4 Transfers from Other Post-Secondary Institutions .~~	

Rationale:
This level of specificity should not be included in section 19 going forward; the section should not refer to specific admissions requirements as they are not specific to only international students but can be applied to Canadians (or other imstat groups) as well.

Resource Implications:

Impact Report

SENATE
OPEN SESSION
Meeting of December 16, 2022

AGENDA ITEM: Academic Programs Committee – Report and Recommendation Alternative Entry Changes (New Kaié:ri Nikawerà:ke Indigenous Bridging Program and Alternative Entry changes) - OOTR-OOTR-5138; GCS-GCS-101; UNVSKIL-UNVSKIL-5141

ACTION REQUIRED: For approval

SUMMARY: Senate is being asked to approve Alternative Entry Changes (New Kaié:ri Nikawerà:ke Indigenous Bridging Program) - OOTR-OOTR-5138; GCS-GCS-101; UNVSKIL-UNVSKIL-5141

BACKGROUND:

Many Indigenous students face educational barriers that hinder access to post-secondary education, including inequitable educational opportunities and a lack of resources. Members across the University have been committed to developing Kaié:ri Nikawerà:ke Indigenous Bridging Program, designed for Indigenous students who may not meet the normal admissions requirements for the undergraduate program of their choice.

Kaié:ri Nikawerà:ke Indigenous Bridging Program is an important program as it allows Indigenous students access to post-secondary education and provides opportunities with ongoing support to develop the foundational skills and build a supportive network that will help students achieve success throughout their university studies.

DRAFT MOTION: Following recommendation of the Academic Programs Committee, the Senate approve changes (New Kaié:ri Nikawerà:ke Indigenous Bridging Program and Alternative Entry changes) - OOTR-OOTR-5138; GCS-GCS-101; UNVSKIL-UNVSKIL-5141 as detailed in the attached document.

PREPARED BY:

Name: Karan Singh
Date: December 9, 2022

Undergraduate Program Regular Curriculum Change - OOTR-OOTR-5138 - VERSION : 1

Summary and Rationale for Changes

Many Indigenous students face educational barriers that hinder access to post-secondary education, including inequitable educational opportunities and a lack of resources. Concordia University's Indigenous Directions Action Plan responds to this need through Recommended Action 4.3, which seeks to "develop and implement Indigenous-centered bridging programs designed to support Indigenous students' transition into university life and academic programs."

Members across the university have been committed to developing Kaié:ri Nikawerà:ke Indigenous Bridging Program, designed for Indigenous students who may not meet the normal admissions requirements for the undergraduate program of their choice. Kaié:ri Nikawerà:ke Indigenous Bridging Program is an important program as it allows Indigenous students access to post-secondary education and provides opportunities with ongoing support to develop the foundational skills and build a supportive network that will help students achieve success throughout their university studies. Concordia University would like to thank Katsistohkwí:io Jacco, who is Kanien'kehá:ka from the community of Kahnawà:ke and is part of the Bear Clan, for naming Kaié:ri Nikawerà:ke Indigenous Bridging Program.

The changes to Section 14 reflect changes to processes and add clarity to the Admission and Mature Entry - Bridging Program related sections. The title of Section 14 is updated from "Mature Entry" to "Alternative Entry" to better encompass the range of content included.

Section 13-Admission Regulation & Section

13.2 including definition to Bridging Program

Rationale: Updated for new (Kaié:ri Nikawerà:ke Indigenous) Bridging Program definition

13.3.2 including Kaié:ri Nikawerà:ke Indigenous Bridging Program

Rationale: Referencing Kaié:ri Nikawerà:ke Indigenous Bridging Program since ECP requirements are not applicable to this group.

13.3.5 including microprograms and Kaié:ri Nikawerà:ke Indigenous Bridging Program

Rationale: Adding Kaié:ri Nikawerà:ke Indigenous Bridging Program for future internal transfer credit management. Also needed to add Microprogram since it was not in last calendar update.

13.4 Language proficiency change to include Duolingo

Rationale: Adding Duolingo proficiency test so that it is consistent with our webpage on English Language Proficiency as an acceptable proof of proficiency.

ADD sub-section 13.6.5 Bridging Students

Rationale: New sub-section related to the Kaié:ri Nikawerà:ke Indigenous Bridging Program.

Section 14- Alternative Entry (new section name)

CHANGE Header 14 from Mature Entry to Alternative Entry

Rationale: Renaming header to encompass the range of content, including Mature Entry, as well as the

Bridging Program, and allowing for additional alternative entry options to be added in the future as needed. The text is edited to incorporate reference to Kaié:ri Nikawerà:ke Indigenous Bridging Program.

14.1 Edited and bullet point added and renumbered accordingly

Rationale: Edited bullet two to resolve the MEP/ECP placement for Non-Quebec students and adding a new bullet point 5; changing current point 5 to 6.

CHANGE 14.2 Header from Program Requirements to Program Requirements – Mature Entry

Rationale: Changing header to specify Mature Entry program requirements to make the table of contents and structure of the section clearer, given that a new section is added (14.6) for the Kaié:ri Nikawerà:ke Indigenous Bridging Program requirements.

14.2.3 MEP Engineering Natural Science courses

Rationale: Adding the list of courses students may choose from since current natural science content for students enrolled in ECP does not meet accreditation standards; therefore, students are required to take at least six credits from natural science courses.

14.3 Assistance to include Bridging Program

Rationale: Adding reference to the Kaié:ri Nikawerà:ke Indigenous Bridging Program since they do not have a faculty.

ADD 14.5 Admission Requirements

Rationale: Adding new section for the conditions of admissions for Kaié:ri Nikawerà:ke Indigenous Bridging Program.

ADD 14.6 Program Requirements

Rationale: Adding new section for program requirements for the Kaié:ri Nikawerà:ke Indigenous Bridging Program.

Reviewed and approved by Meredith Evans, in consultation with the Office of the Registrar, Enrolment Services, the Gina Cody School of Engineering and Computer Science, and the Bridging Program Coordinator, for consideration of the following at the next meeting of APC.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Dr. Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 23 Sep 2022

Approved by:

Stéphanie de Celles, University Registrar,
Enrolment Services, 23 Sep 2022

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Dr. Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 23 Sep 2022

Approved by:

Stéphanie de Celles, University Registrar,
Enrolment Services, 23 Sep 2022

Summary of Committee Discussion: Department approval

For Submission to:

Dr. Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Committee, 23 Sep 2022

Approved by:

Serhiy Homonyuk, Coordinator, Projects,
Office of the Registrar, 23 Sep 2022

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
Engineering Mature Entry Requirements Change		X	

Regulation Changes:

- Definitions: Bridging Student Type Change
- 13.3.2 Applicants from Other Canadian Provinces Change
- 13.3.5 Transfer Credits and Exemptions Change
- 13.4 Language Proficiency Change
- Bridging Students New
- Conditions for Admission as a Mature Student Change
- Assistance Change
- Kaié:ri Nikawerà:ke Indigenous Bridging Program New
- Admission Requirements New
- Program Requirements New
- Section 16.2.4 Concentration Requirements: Definition of Bridging Program New

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Student Type
Calendar Section Type: Regulation
Description of Change: Definitions: Bridging Student Type Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 13 Admission Regulations > Admission Regulations > Section 13.2 Definitions

Present Text (from 2021) calendar	Proposed Text
Student Type	Student Type
Extended Credit Program Students	**Extended Credit Program Students**
Students registered in an extended program, normally requiring 30 credits in addition to the regular requirements, designed for students entering from secondary institutions outside Quebec. (See relevant Faculty section.)	Students registered in an extended program, normally requiring 30 credits in addition to the regular requirements, designed for students entering from secondary institutions outside Quebec. (See relevant Faculty section.)
Independent Students	**Independent Students**
Students not seeking a degree or certificate.	Students not seeking a degree or certificate.
Mature Students	**Mature Students**
Undergraduate students who do not meet regular academic admission requirements and have been admitted on the basis of their age, experience, and potential.	Undergraduate students who do not meet regular academic admission requirements and have been admitted on the basis of their age, experience, and potential.
	Bridging Students
	Undergraduate students who do not meet regular academic admission requirements and have been admitted to a bridging program on the basis of their age, experience, and potential.
Undergraduate Students	**Undergraduate Students**
Students registered in an undergraduate degree or certificate program, whether on a full - time or part - time basis. See Section 16.1.2 Credit System for a definition of full - time and part - time study.	Students registered in an undergraduate degree or certificate program, whether on a full - time or part - time basis. See Section 16.1.2 Credit System for a definition of full - time and part - time study.
Visiting Students	**Visiting Students**
Undergraduate students from other universities who have written approval from their home university to take courses at Concordia University, or students currently registered in certain certificate programs sponsored by external associations (e.g. programs related to the John Molson School of Business).	Undergraduate students from other universities who have written approval from their home university to take courses at Concordia University, or students currently registered in certain certificate programs sponsored by

Present Text (from 2021) calendar	Proposed Text
	external associations (e.g. programs related to the John Molson School of Business).

Rationale:

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Applicants from Other Canadian Provinces
Calendar Section Type: Regulation
Description of Change: 13.3.2 Applicants from Other Canadian Provinces Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 13 Admission Regulations > Admission Regulations > Section 13.3 Admission Requirements > Section 13.3.2 Applicants from Other Canadian Provinces

Present Text (from 2021) calendar	Proposed Text
Applicants from Other Canadian Provinces	Applicants from Other Canadian Provinces
When applying to a Faculty program, graduates of secondary schools in Canadian provinces and territories other than Quebec are considered for admission to the Extended Credit Program (ECP) at Concordia. The ECP requires completion of 30 credits in addition to the regular requirements. The duration of a degree program is normally four years. The BEng, BA (Early Childhood and Elementary Education), BEd (TESL), BSc in Athletic Therapy, and BFA (Specialization in Art Education) will generally require five years of full-time study to complete.	When applying to a Faculty program, graduates of secondary schools in Canadian provinces and territories other than Quebec are considered for admission to the Extended Credit Program (ECP) at Concordia. The ECP requires completion of 30 credits in addition to the regular requirements. The duration of a degree program is normally four years. The BEng, BA (Early Childhood and Elementary Education), BEd (TESL), BSc in Athletic Therapy, and BFA (Specialization in Art Education) will generally require five years of full-time study to complete.
The ECP requirements are not applicable to students applying for admission to ~~microprograms.~~	The ECP requirements are not applicable to students applying for admission to microprograms or the Kaié:ri Nikawerà:ke Indigenous Bridging Program.
To be considered for admission, students must have successfully completed prerequisites of the Concordia degree program for which they are applying. The specific admission requirements are listed on the Concordia website.	To be considered for admission, students must have successfully completed prerequisites of the Concordia degree program for which they are applying. The specific admission requirements are listed on the Concordia website.
Students admitted to a particular program at the University and who subsequently wish to change to another program may have to complete specific prerequisites in addition to their regular program requirements.	Students admitted to a particular program at the University and who subsequently wish to change to another program may have to complete specific prerequisites in addition to their regular program requirements.

Rationale:

Resource Implications:

D3

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Transfer Credits and Exemptions
Calendar Section Type: Regulation
Description of Change: 13.3.5 Transfer Credits and Exemptions
Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 13 Admission Regulations > Admission Regulations > Section 13.3 Admission Requirements > Section 13.3.5 Transfer Credits and Exemptions

Present Text (from 2021) calendar	Proposed Text
Transfer Credits and Exemptions	Transfer Credits and Exemptions
Transfer credits are credits for courses taken at another institution (or in another Concordia program) which may be transferred towards a Concordia degree or certificate. The respective Faculty assesses all requests for transfer credits. Concordia courses transferred from an incomplete ~~degree~~ or certificate ~~program~~ or from independent studies will have the credits transferred as well as the corresponding grade provided a grade of C- or better has been achieved. Concordia courses transferred from a completed degree or ~~certificate~~ will have the credits transferred but will not include the corresponding grades. Courses from another institution with a grade of C- or better (or equivalent) may have the credits transferred, if deemed appropriate, but will not include the corresponding grades.	Transfer credits are credits for courses taken at another institution (or in another Concordia program) which may be transferred towards a Concordia degree or certificate. The respective Faculty assesses all requests for transfer credits. Concordia courses transferred from an incomplete degree, or certificate program, microprogram, the Kaié:ri Nikawerà:ke Indigenous Bridging Program, or from independent studies will have the credits transferred as well as the corresponding grade provided a grade of C- or better has been achieved. Concordia courses transferred from a completed degree or certificate, microprogram or Kaié:ri Nikawerà:ke Indigenous Bridging Program will have the credits transferred but will not include the corresponding grades. Courses from another institution with a grade of C- or better (or equivalent) may have the credits transferred, if deemed appropriate, but will not include the corresponding grades.
An exemption from a course has no credit value towards a degree or certificate. Exemptions from required courses may be granted in cases where students have already covered the work at any institution, with an appropriate level of performance. Any such courses may be replaced with courses chosen in consultation with their advisors. Students cannot retain credits for a repeated course or a course in which any exemption has been granted, unless they have been granted prior approval from the Faculty and/or departmental advisor.	An exemption from a course has no credit value towards a degree or certificate. Exemptions from required courses may be granted in cases where students have already covered the work at any institution, with an appropriate level of performance. Any such courses may be replaced with courses chosen in consultation with their advisors. Students cannot retain credits for a repeated course or a course in which any exemption has been granted, unless they have been granted prior approval from the Faculty and/or departmental advisor.

Rationale:

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Language Proficiency
Calendar Section Type: Regulation
Description of Change: 13.4 Language Proficiency Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 13 Admission Regulations > Admission Regulations > Section 13.4 Language Proficiency

Present Text (from 2021) calendar	Proposed Text
Language Proficiency	Language Proficiency
While the language of instruction at Concordia is English, most assignments and examinations may be submitted in French. Students whose first language is not English must demonstrate language proficiency prior to their admission to Concordia. They will ordinarily be exempt from pre-admission English tests if they have completed any of the following criteria: - The last four years of high school studies in Quebec and the DES (Secondary V); - Both Secondary V and the Diploma of Collegial Studies (DEC) in Quebec; - The Diploma of Collegial Studies (DEC) at an English Cegep in Quebec; - A minimum of three full years of study in an institution where the sole language of instruction is English; - Four full years of study in Canada in French at the secondary-school level immediately prior to graduating; - The course Group 1 English (Language A: Literature, Language A: Language & Literature, or Literature & Performance) (Higher or Standard level) in the International Baccalaureate (IB); - The European Baccalaureat English as language 1 or language 2; - The American or British Option internationale du baccalauréat (OIB) of the French Baccalauréat; - GCE/GCSE/IGSCE/O-level English Language, English as a Second Language or First Language English with a grade of “C” or better; - The Advanced 2 level of the Intensive English Language Program (IELP) at Concordia University’s Continuing Education Language Institute (CELI) with a final grade of 70% or higher.	While the language of instruction at Concordia is English, most assignments and examinations may be submitted in French. Students whose first language is not English must demonstrate language proficiency prior to their admission to Concordia. They will ordinarily be exempt from pre-admission English tests if they have completed any of the following criteria: - The last four years of high school studies in Quebec and the DES (Secondary V); - Both Secondary V and the Diploma of Collegial Studies (DEC) in Quebec; - The Diploma of Collegial Studies (DEC) at an English Cegep in Quebec; - A minimum of three full years of study in an institution where the sole language of instruction is English; - Four full years of study in Canada in French at the secondary-school level immediately prior to graduating; - The course Group 1 English (Language A: Literature, Language A: Language & Literature, or Literature & Performance) (Higher or Standard level) in the International Baccalaureate (IB); - The European Baccalaureat English as language 1 or language 2; - The American or British Option internationale du baccalauréat (OIB) of the French Baccalauréat; - GCE/GCSE/IGSCE/O-level English Language, English as a Second Language or First Language English with a grade of “C” or better; - The Advanced 2 level of the Intensive English Language Program (IELP) at Concordia University’s Continuing Education Language Institute (CELI) with a final grade of 70% or higher.
If none of these criteria fits, a student whose first language is	If none of these criteria fits, a student whose first language is other than English must write a pre - admission English test. Proof of proficiency in English must be provided by achieving the appropriate score on one of the following: - Test of English as a Foreign Language (TOEFL); - International English Language Testing System (IELTS); - Canadian Academic English Language Assessment (CAEL); - Cambridge Certificate of Proficiency in English (CPE) and Certificate in

Present Text (from 2021) calendar	Proposed Text
other than English must write a pre - admission English test. Proof of proficiency in English must be provided by achieving the appropriate score on one of the following: - Test of English as a Foreign Language (TOEFL); - International English Language Testing System (IELTS); - Canadian Academic English Language Assessment (CAEL); - Cambridge Certificate of Proficiency in English (CPE) and Certificate in Advanced English (CAE); - Pearson English Proficiency Test. For information on the minimum scores required please consult the Concordia website. Test results must be reported directly to the Admissions Application Centre by the test centre. Results more than two years old will not be accepted as proof of language proficiency. **In all cases, the University reserves the right to require a proficiency test if it is deemed necessary.**	Advanced English (CAE); - Pearson English Proficiency Test. - Duolingo English test For information on the minimum scores required please consult the Concordia website. Test results must be reported directly to the Admissions Application Centre by the test centre. Results more than two years old will not be accepted as proof of language proficiency. **In all cases, the University reserves the right to require a proficiency test if it is deemed necessary.**

Rationale:

Resource Implications:

D6

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Bridging Students
Calendar Section Type: Regulation
Description of Change: Bridging Students New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 13 Admission Regulations > Admission Regulations > Section 13.6 Special Admissions > Section 13.6.5 Bridging Students

Present Text (from 2021) calendar	Proposed Text
	Bridging Students Bridging students are undergraduates who have not met the regular academic admission requirements (e.g. completion of a DEC or equivalent), but have been admitted to a bridging program on the basis of age, experience, and potential. These students follow the course sequence of the bridging program to which they are admitted, and are not initially enrolled directly in a degree program. Upon successful completion of the bridging program requirements the student may be admitted to a related degree program. Please see 9. Bridging Program under Section 16.2.4 Concentration Requirements for the definition of a bridging program.

Rationale:
New sub-section related to the Kaié:ri Nikawerà:ke Indigenous Bridging Program.

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Conditions for Admission
Calendar Section Type: Regulation
Description of Change: Conditions for Admission as a Mature Student Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 14 Alternative Entry > Mature Entry > Section 14.1 Admission as a Mature Student

Present Text (from 2021) calendar	Proposed Text
Conditions for Admission	Conditions for Admission
At Concordia, the term “Mature Entrants” is used to designate students aged 21 and over who have not completed the normal academic admission requirements. The designation does not apply to adult applicants whose academic background qualifies them for regular admission.	At Concordia, the term “Mature Entrants” is used to designate students aged 21 and over who have not completed the normal academic admission requirements. The designation does not apply to adult applicants whose academic background qualifies them for regular admission.
Students apply for admission to particular programs within one of the four Faculties of the University. In every respect, with the exception of the 18-credit requirement, Mature Entrants at Concordia are treated as regular undergraduates and are expected to meet the same standards before graduating.	Students apply for admission to particular programs within one of the four Faculties of the University. In every respect, with the exception of the 18-credit requirement, Mature Entrants at Concordia are treated as regular undergraduates and are expected to meet the same standards before graduating.
The admission of applicants for Mature Entry is subject to the following conditions:	The admission of applicants for Mature Entry is subject to the following conditions:
1. Applicants must have reached the age of 21 by August 1 for the September term, December 1 for the January term, or April 1 for the May term in any given year;	1. Applicants must have reached the age of 21 by August 1 for the September term, December 1 for the January term, or April 1 for the May term in any given year;
2. Although not meeting the normal academic requirements for admission (Québec Diplôme d’études collégiales or the equivalent), applicants must satisfy the University that they have the potential to undertake undergraduate courses; ~~those who have the Québec Diplôme d’études collégiales or the equivalent should contact the Office of the Registrar and their respective Faculty regarding their admission;~~	2. Although not meeting the normal academic requirements for admission (Québec Diplôme d’études collégiales or the equivalent), applicants must satisfy the University that they have the potential to undertake undergraduate courses;
3. Applicants must have been out of school — that is not engaged in full-time study — for at least 24 months since attaining the age of 18. Applicants who have been out of school for only 12 months are also admissible provided that they have had no unfavourable academic record in the previous 24	3. Applicants must have been out of school — that is not engaged in full-time study — for at least 24 months since attaining the age of 18. Applicants who have been out of school for only 12 months are also admissible provided that they have had no unfavourable academic record in the previous 24 months;
	4. Applicants must be Canadian citizens or permanent residents (landed immigrants). Applicants must submit proof of citizenship and age, together with school records and any material which may indicate ability to pursue university studies. Applicants are expected to arrange for official transcripts

Present Text (from 2021) calendar	Proposed Text
months;	of all their previous studies to be sent directly to Concordia; (Section 13 Admission Regulations provides general information on how to apply for admission.)
4. Applicants must be Canadian citizens or permanent residents (landed immigrants). Applicants must submit proof of citizenship and age, together with school records and any material which may indicate ability to pursue university studies. Applicants are expected to arrange for official transcripts of all their previous studies to be sent directly to Concordia; (Section 13 Admission Regulations provides general information on how to apply for admission.)	5. Students who have the Québec Diplôme d’études collégiales or the equivalent are not eligible for Mature Entry. Students who pursued a secondary school curriculum that normally permits entry to the Extended Credit Program (ECP) may be considered for admission on the basis of maturity, but will be required to complete the ECP program.
5. In all programs, some students may require courses in English as a Second Language, as determined by language proficiency testing. See Section 13.4 Language Proficiency of this Calendar regarding language proficiency testing.	6. In all programs, some students may require courses in English as a Second Language, as determined by language proficiency testing. See Section 13.4 Language Proficiency of this Calendar regarding language proficiency testing.

Rationale:

Edited bullet two to resolve the MEP/ECP placement for Non-Quebec students and adding a new bullet point 5; changing current point 5 to 6.

Resource Implications:

None

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Engineering Mature Entry Requirements
Calendar Section Type: Defined group
Description of Change: Engineering Mature Entry Requirements Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 14 Alternative Entry > Mature Entry > Section 14.2 Program Requirements > Section 14.2.3 Gina Cody School of Engineering and Computer Science

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Engineering Mature Entry Requirements	**credits**	Engineering Mature Entry Requirements
Mature Entrants to the BEng degree, which requires the completion of a minimum of 120 credits, are also required to complete all outstanding required prerequisites in addition to their program. Prerequisite courses are as follows: CHEM 205 General Chemistry I (3) MATH 203 Differential and Integral Calculus I (3) MATH 204 Vectors and Matrices (3) MATH 205 Differential and Integral Calculus II (3) PHYS 204 Mechanics (3) PHYS 205 Electricity and Magnetism (3) 6 credits of courses chosen from the following lists: Humanities General Education Electives for Engineering and Computer Science Students Social Sciences General Education Electives for Engineering and Computer Science Students English as a Second Language Courses and courses that focus on the acquisition of a language may not be used to meet this requirement. Students should refer to Section 71.110 Complementary Studies for Engineering and Computer Science Students when selecting these courses. Note: In all programs, students may need one or more of the following courses:		Mature Entrants to the BEng degree, which requires the completion of a minimum of 120 credits, are also required to complete all outstanding required prerequisites in addition to their program. Prerequisite courses are as follows: CHEM 205 General Chemistry I (3) MATH 203 Differential and Integral Calculus I (3) MATH 204 Vectors and Matrices (3) MATH 205 Differential and Integral Calculus II (3) PHYS 204 Mechanics (3) PHYS 205 Electricity and Magnetism (3) 6 credits chosen from courses in the list of Natural Science below: BIOL 202 General Biology (3) BIOL 206 Elementary Genetics (3) BIOL 261 Molecular and General Genetics (3) BIOL 266 Cell Biology (3) CHEM 206 General Chemistry II (3) CHEM 217 Introductory Analytical Chemistry I (3) CHEM 221 Introductory Organic Chemistry I (3) GEOL 206 Earthquakes, Volcanoes, and Plate Tectonics (3) GEOL 208 The Earth, Moon and the Planets (3) PHYS 206 Waves and Modern Physics (3) PHYS 252 Optics (3) PHYS 260 Introductory Biophysics (3) PHYS 273 Energy and Environment (3) PHYS 284 Introduction to Astronomy (3)

D10

Present Text (from 2021) calendar	Proposed Text
MATH 200 Fundamental Concepts of Algebra (3) MATH 201 Elementary Functions (3) Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.	PHYS 367 Modern Physics and Relativity (3) PHYS 385 Astrophysic (3) PHYS 443 Quantitative Human Systems Physiology (3) PHYS 445 Principles of Medical Imaging (3) 6 credits of courses chosen from the following lists: Humanities General Education Electives for Engineering and Computer Science Students Social Sciences General Education Electives for Engineering and Computer Science Students English as a Second Language Courses and courses that focus on the acquisition of a language may not be used to meet this requirement. Students should refer to Section 71.110 Complementary Studies for Engineering and Computer Science Students when selecting these courses. Note: In all programs, students may need one or more of the following courses: MATH 200 Fundamental Concepts of Algebra (3) MATH 201 Elementary Functions (3) Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.

Rationale:

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Assistance
Calendar Section Type: Regulation
Description of Change: Assistance Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 14 Alternative Entry > Mature Entry > Section 14.3 Assistance

Present Text (from 2021) calendar	Proposed Text
Assistance	Assistance
Mature students accepted into the University must inform themselves of the specific requirements of their program and should meet with their program advisors in the ~~Faculties.~~	Mature students accepted into the University must inform themselves of the specific requirements of their program and should meet with their program advisors in the Faculties or in the the Kaié:ri Nikawerà:ke Indigenous Bridging Program .

Rationale:

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Kaié:ri Nikawerà:ke Indigenous Bridging Program
Calendar Section Type: Regulation
Description of Change: Kaié:ri Nikawerà:ke Indigenous Bridging Program New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 14 Alternative Entry > Kaié:ri Nikawerà:ke Indigenous Bridging Program > Section 14.4 Program Description

Present Text (from 2021) calendar	Proposed Text
	Kaié:ri Nikawerà:ke Indigenous Bridging Program (Pronounced: Gaa-Yay-Ree Knee-Gaa-Way-Raa-Geh) Concordia University is proud to offer Kaié:ri Nikawerà:ke Indigenous Bridging Program for members of the Indigenous community, specifically First Nations, Métis and Inuit peoples whose communities are located in Canada. Kaié:ri Nikawerà:ke is a Kanienkéha term that translates to “the Four Winds” or “the Four Directions” which represent renewal, change, and a shift in the natural world. This program is offered to prospective Indigenous students who wish to acquire the prerequisites needed for their desired undergraduate program, and to gain important skills and insight before they undertake university studies. Eligible Indigenous students who may not meet the normal admission requirements can access the undergraduate program of their choice at Concordia University through this bridging pathway. Kaié:ri Nikawerà:ke Indigenous Bridging Program offers students a culturally safe space as they transition to university life and complete the prerequisite courses for the program of their choice. During their time in Kaié:ri Nikawerà:ke Indigenous Bridging Program, students will receive ongoing support as they build their capacity for academic success through targeted courses in academic writing, study skills and time management, and attend seminar courses that foster a strong sense of community.

Rationale:

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Admission Requirements
Calendar Section Type: Regulation
Description of Change: Admission Requirements New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 14 Alternative Entry > Kaié:ri Nikawerà:ke Indigenous Bridging Program > Section 14.5 Admission as a Kaié:ri Nikawerà:ke Indigenous Bridging Program Student

Present Text (from 2021) calendar	Proposed Text
	Admission Requirements At Concordia, the term “Bridging Student” is used to designate students who have not completed the normal academic admission requirements, and who are eligible for entry to a non-degree bridging program. Applicants whose academic background qualifies them for regular admission are not eligible for the Kaié:ri Nikawerà:ke Indigenous Bridging Program. Students apply for admission to programs within one of the four Faculties of the University, indicating their intention to be considered for and pursue the Kaié:ri Nikawerà:ke Indigenous Bridging Program. The admission of applicants for the Kaié:ri Nikawerà:ke Indigenous Bridging Program is subject to the following conditions: 1. Applicants must be members of the First Nations, Métis and Inuit peoples whose communities are located in Canada. Applicants must submit proof of Indigenous identity, citizenship, and age. 2. Although not meeting the normal academic requirements for admission, applicants must satisfy the University that they have the potential to undertake undergraduate courses. 3. Applicants must have been out of school — that is not engaged in full-time study — for at least 12 months since attaining the age of18. Applicants who have been out of school for less than 12 months are also admissible provided that they have had no unfavourable academic record in the previous 12 months. 4. Applicants must submit school records and any material which may indicate ability to pursue university studies. Section 13 Admission Regulations provides general information on how to apply for admission. 5. Some students may require courses in English as a Second Language, as determined by language proficiency testing. See Section 13.4 Language

Present Text (from 2021) calendar	Proposed Text
	Proficiency of this Calendar regarding language proficiency testing.

Rationale:

Adding new section for the conditions of admissions for Kaié:ri Nikawerà:ke Indigenous Bridging Program.

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Program Requirements
Calendar Section Type: Regulation
Description of Change: Program Requirements New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 14 Alternative Entry > Kaié:ri Nikawerà:ke Indigenous Bridging Program > Section 14.6 Program Requirements

Present Text (from 2021) calendar	Proposed Text
	Program Requirements Kaié:ri Nikawerà:ke Indigenous Bridging Program students must complete the requirements of the program prior to being admitted to the related undergraduate degree. The requirements may differ by faculty and program. Refer to calendar sections: Gina Cody School of Engineering and Computer Science: Section 71.20.2 Alternative Entry Programs The course sequence is intended to help students prepare for their subsequent studies. When selecting courses, students admitted to the Kaié:ri Nikawerà:ke Indigenous Bridging Program are required to consult with the Bridging Program Coordinator in the Student Success Centre. Upon successful completion of the Kaié:ri Nikawerà:ke Indigenous Bridging Program, students who are no longer interested in the related undergraduate degree program may submit an application to other degree or certificate programs for which they are qualified.

Rationale:

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Change to Mature Entry and new Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: 9. Bridging Program
Calendar Section Type: Regulation
Description of Change: Section 16.2.4 Concentration Requirements:
Definition of Bridging Program New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Department: Enrolment Services/Office of the Registrar (Sections 13 & 14)

Calendar publication date: 2023/2024/Summer
Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 16 Academic Information: Definitions and Regulations > Academic Information: Definitions and Regulations > Section 16.2 Curriculum Regulations > Section 16.2.4 Concentration Requirements > Concentration Requirements

Present Text (from 2021) calendar	Proposed Text
	9. Bridging Program An undergraduate bridging program is a coherent program, usually of 18-30 credits, that may be made up of both academic undergraduate and university skills courses. A bridging program is designed for students who are required to upgrade their academic background and acquire the prerequisites necessary to gain entry to an undergraduate degree program. Courses taken as part of a bridging program are normally applicable to a specific undergraduate degree. A bridging program does not lead to the awarding of a credential.

Rationale:
A definition is added for the Bridging program, as requested by the Academic Programs committee. A link to the Bridging Program definition is provided in Section 13.2 Definitions, where the term Bridging Students is defined.

Resource Implications:
None

Impact Report

Regulations

Section 16.2.4 Concentration Requirements: Definition of Bridging Program New
Source of Impact

Other Units

Addition of **Section 13 Admission Regulations** to **Admission Requirements** requirement
Source of other unit Impact

- Section is housed in Section 13 Admission Regulations

Addition of **Section 13.4 Language Proficiency** to **Admission Requirements** requirement
Source of other unit Impact

- Heading is housed in Admission Regulations

Addition of **Section 16.2.4 Concentration Requirements** to **Bridging Students** requirement
Source of other unit Impact

- Heading is housed in Academic Information: Definitions and Regulations

Addition of **9. Bridging Program** to **Bridging Students** requirement
Source of other unit Impact

- Regulation is housed in Academic Information: Definitions and Regulations

Addition of **Section 71.20.2 Alternative Entry Programs** to **Program Requirements** requirement
Source of other unit Impact

- Heading is housed in Section 71.20 BEng

Kaié:ri Nikawerà:ke Indigenous Bridging Program

Section 14.4 Program Description

Kaié:ri Nikawerà:ke Indigenous Bridging Program

(Pronounced: Gaa-Yay-Ree Knee-Gaa-Way-Raa-Geh)

Concordia University is proud to offer Kaié:ri Nikawerà:ke Indigenous Bridging Program for members of the Indigenous community, specifically First Nations, Métis and Inuit peoples whose communities are located in Canada. Kaié:ri Nikawerà:ke is a Kanienkéha term that translates to “the Four Winds” or “the Four Directions” which represent renewal, change, and a shift in the natural world.

This program is offered to prospective Indigenous students who wish to acquire the prerequisites needed for their desired undergraduate program, and to gain important skills and insight before they undertake university studies. Eligible Indigenous students who may not meet the normal admission requirements can access the undergraduate program of their choice at Concordia University through this bridging pathway.

Kaié:ri Nikawerà:ke Indigenous Bridging Program offers students a culturally safe space as they transition to university life and complete the prerequisite courses for the program of their choice. During their time in Kaié:ri Nikawerà:ke Indigenous Bridging Program, students will receive ongoing support as they build their capacity for academic success through targeted courses in academic writing, study skills and time management, and attend seminar courses that foster a strong sense of community.

Section 14.5 Admission as a Kaié:ri Nikawerà:ke Indigenous Bridging Program Student

Admission Requirements

At Concordia, the term “Bridging Student” is used to designate students who have not completed the normal academic admission requirements, and who are eligible for entry to a non-degree bridging program. Applicants whose academic background qualifies them for regular admission are not eligible for the Kaié:ri Nikawerà:ke Indigenous Bridging Program.

Students apply for admission to programs within one of the four Faculties of the University, indicating their intention to be considered for and pursue the Kaié:ri Nikawerà:ke Indigenous Bridging Program.

The admission of applicants for the Kaié:ri Nikawerà:ke Indigenous Bridging Program is subject to the following conditions:

1. Applicants must be members of the First Nations, Métis and Inuit peoples whose communities are located in Canada. Applicants must submit proof of Indigenous identity, citizenship, and age.

2. Although not meeting the normal academic requirements for admission, applicants must satisfy the University that they have the potential to undertake undergraduate courses.

3. Applicants must have been out of school — that is not engaged in full-time study — for at least 12 months since attaining the age of18. Applicants who have been out of school for less than 12 months are also admissible provided that they have had no unfavourable academic record in the previous 12 months.

4. Applicants must submit school records and any material which may indicate ability to pursue university studies. Section 13 Admission Regulations provides general information on how to apply for admission.

5. Some students may require courses in English as a Second Language, as determined by language proficiency testing. See Section 13.4 Language Proficiency of this Calendar regarding language proficiency testing.

Section 14.6 Program Requirements

Program Requirements

Kaié:ri Nikawerà:ke Indigenous Bridging Program students must complete the requirements of the program prior to being admitted to the related undergraduate degree. The requirements may differ by faculty and program. Refer to calendar sections:

Gina Cody School of Engineering and Computer Science: Section 71.20.2 Alternative Entry Programs

The course sequence is intended to help students prepare for their subsequent studies. When selecting courses, students admitted to the Kaié:ri Nikawerà:ke Indigenous Bridging Program are required to consult with the Bridging Program Coordinator in the Student Success Centre.

Upon successful completion of the Kaié:ri Nikawerà:ke Indigenous Bridging Program, students who are no longer interested in the related undergraduate degree program may submit an application to other degree or certificate programs for which they are qualified.

Mature Entry

Concordia University has a long history of making education accessible to adults with varying academic backgrounds. Through Mature Entry and Bridging Programs, those lacking the regular pre-university requirements can still earn university degrees and certificates.

Section 14.1 Admission as a Mature Student

Conditions for Admission

At Concordia, the term “Mature Entrants” is used to designate students aged 21 and over who have not completed the normal academic admission requirements. The designation does not apply to adult applicants whose academic background qualifies them for regular admission.

Students apply for admission to particular programs within one of the four Faculties of the University. In every respect, with the exception of the 18-credit requirement, Mature Entrants at Concordia are treated as regular undergraduates and are expected to meet the same standards before graduating.

The admission of applicants for Mature Entry is subject to the following conditions:

1. Applicants must have reached the age of 21 by August 1 for the September term, December 1 for the January term, or April 1 for the May term in any given year;

2. Although not meeting the normal academic requirements for admission (Québec Diplôme d’études collégiales or the equivalent), applicants must satisfy the University that they have the potential to undertake undergraduate courses;

3. Applicants must have been out of school — that is not engaged in full-time study — for at least 24 months since attaining the age of 18. Applicants who have been out of school for only 12 months are also admissible provided that they have had no unfavourable academic record in the previous 24 months;

4. Applicants must be Canadian citizens or permanent residents (landed immigrants). Applicants must submit proof of citizenship and age, together with school records and any material which may indicate ability to pursue university studies. Applicants are expected to arrange for official transcripts of all their previous studies to be sent directly to Concordia; (Section 13 Admission Regulations provides general information on how to apply for admission.)

5. Students who have the Québec Diplôme d’études collégiales or the equivalent are not eligible for Mature Entry. Students who pursued a secondary school curriculum that normally permits entry to the Extended Credit Program (ECP) may be considered for admission on the basis of maturity, but will be required to complete the ECP program.

6. In all programs, some students may require courses in English as a Second Language, as determined by language proficiency testing. See Section 13.4 Language Proficiency of this Calendar regarding language proficiency testing.

Section 14.2 Program Requirements

Program Requirements

Normally, Mature Entrants without any Diplôme d'études collégiales (DEC) or equivalent must complete at least 18 additional credits of preparatory or complementary courses. These additional credits are intended to help them to prepare for their subsequent studies. Students with a partial DEC or equivalent may be awarded transfer credits for some of the additional 18 credits.

When selecting courses to fulfill the additional credit requirements, Mature students are required to consult with advisors in the respective Faculty. When selecting program courses, all students are required to consult with their program advisor. Students in the Gina Cody School of Engineering and Computer Science are required to consult only with their Faculty program advisors.

The MEP requirements are not applicable to students applying for admission to microprograms.

Section 14.2.1 Faculty of Arts and Science

Faculty of Arts and Science

For most BA programs, there are no specific program prerequisites. Therefore, within the initial 18 credits, students are encouraged to take courses which will broaden their educational background or help them develop study skills.

Consultation with the departmental advisor is encouraged in the choice of the 18 additional credits required for the degree or certificate.

Arts

The programs listed below have specific prerequisites which will take up some or all of the initial 18 credits.

Certificate in Community Service	AHSC 230, AHSC 232, AHSC 270; ENGL 212; six credits in the social sciences chosen in consultation with the program advisor.
BA Major in Economics	MATH 209 Note: Students may need one or more of MATH 200 and MATH 206.
BA Specialization in Early Childhood and Elementary Education or BEd Specialization in Teaching English as a Second Language	Note: Mature students wishing to apply to Early Childhood and Elementary Education or the BEd (TESL) must complete 18 credits prior to applying for entry.
Certificate in Family Life Education	AHSC 220, AHSC 230, AHSC 232; ENGL 212; six credits in the social sciences chosen in consultation with the program advisor.
BA Specialization in Therapeutic Recreation	BIOL 200 or BIOL 201 or BIOL 202 MATH 203, MATH 204, MATH 205
BA/BSc Major in Mathematics and Statistics	Note: Students may need one or more of MATH 200 and MATH 201. Note: Students not having MATH 202 or the equivalent must include it in their 18 credits.
BA Major in Psychology	PSYC 200; BIOL 201 or BIOL 202; three credits in Mathematics (in preparation for statistics) chosen in consultation with their departmental advisor.

Science

For those Mature Entry students pursuing a degree in Science, the following courses must be included within their 108-credit requirement:

6 credits in Chemistry: CHEM 205, CHEM 206
9 credits in Mathematics: MATH 202, MATH 203, MATH 205
8 credits in Physics: PHYS 204, PHYS 205, PHYS 224, PHYS 225

Additional requirements for programs in the following departments:

Biology and Psychology:	BIOL 201, PHYS 206, PHYS 226 Note: For students enrolled in the BSc Systems and Information Biology program, MATH 204 is also required.
Chemistry:	PHYS 206, PHYS 226 and BIOL 201
Biochemistry:	PHYS 206, PHYS 226 and BIOL 201
Environmental Geography:	PHYS 206, PHYS 226 and BIOL 201
Environmental Science:	PHYS 206, PHYS 226, MATH 204 and BIOL 201
Health, Kinesiology, and Applied Physiology:	PHYS 206, PHYS 226 and BIOL 201
Mathematics:	MATH 204, PHYS 206, PHYS 226
Physics:	PHYS 206, PHYS 226 and MATH 204

Note: Students must consult with their departmental advisor to determine the appropriate sequence of the above credits in the BSc degree.
Note: Students not having MATH 201, or the equivalent, must take it in place of one of their elective courses. Some students may also need MATH 200.

Section 14.2.2 John Molson School of Business

Mature Entry — the 108-credit program

In addition to the 90-credit program, Mature Entry students will be required to complete the following 18 credits outside the offerings of the John Molson School of Business. Those credits are:

6 credits in MATH 208, MATH 209

6 credits in ECON 201, ECON 203
3 credits in BTM 200
additional elective credits

3 Note: These elective credits must be selected from outside the offerings of the John Molson School of Business.

Note: Students may need one or more of MATH 200 and MATH 206.
Requirements for certificate programs are listed with the program descriptions in Section 61 John Molson School of Business of this Calendar.

Section 14.2.3 Gina Cody School of Engineering and Computer Science

Engineering Mature Entry Requirements

Mature Entrants to the BEng degree, which requires the completion of a minimum of 120 credits, are also required to complete all

outstanding required prerequisites in addition to their program. Prerequisite courses are as follows:

- CHEM 205 General Chemistry I (3.00)
- MATH 203 Differential and Integral Calculus I (3.00)
- MATH 204 Vectors and Matrices (3.00)
- MATH 205 Differential and Integral Calculus II (3.00)
- PHYS 204 Mechanics (3.00)
- PHYS 205 Electricity and Magnetism (3.00)

6 credits chosen from courses in the list of Natural Science below:

- BIOL 202 General Biology (3.00)
- BIOL 206 Elementary Genetics (3.00)
- BIOL 261 Molecular and General Genetics (3.00)
- BIOL 266 Cell Biology (3.00)
- CHEM 206 General Chemistry II (3.00)
- CHEM 217 Introductory Analytical Chemistry I (3.00)
- CHEM 221 Introductory Organic Chemistry I (3.00)
- GEOL 206 Earthquakes, Volcanoes, and Plate Tectonics (3.00)
- GEOL 208 The Earth, Moon and the Planets (3.00)
- PHYS 206 Waves and Modern Physics (3.00)
- PHYS 252 Optics (3.00)
- PHYS 260 Introductory Biophysics (3.00)
- PHYS 273 Energy and Environment (3.00)
- PHYS 284 Introduction to Astronomy (3.00)
- PHYS 367 Modern Physics and Relativity (3.00)
- PHYS 385 Astrophysic (3.00)
- PHYS 443 Quantitative Human Systems Physiology (3.00)
- PHYS 445 Principles of Medical Imaging (3.00)

6 credits of courses chosen from the following lists:

Humanities General Education Electives for Engineering and Computer Science Students

Social Sciences General Education Electives for Engineering and Computer Science Students

English as a Second Language Courses and courses that focus on the acquisition of a language may not be used to meet this requirement. Students should refer to Section 71.110 Complementary Studies for Engineering and Computer Science Students when selecting these courses.

Note: In all programs, students may need one or more of the following courses:

- MATH 200 Fundamental Concepts of Algebra (3.00)
- MATH 201 Elementary Functions (3.00)

Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.

Engineering

Mature Entrants to the BEng degree, which requires the completion of a minimum of 120 credits, are also required to complete all outstanding required prerequisites in addition to their program. Prerequisite courses are as follows:

CHEM 205

MATH 203, MATH 204, MATH 205

PHYS 204, PHYS 205

Six credits chosen from courses in Humanities and Social Sciences. English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement. Students should refer to Section 71.110 Complementary Studies for Engineering and Computer Science Students when selecting these courses.

Note: In all programs, students may need one or more of MATH 200 and MATH 201.

Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.

Computer Science

Mature Entry students accepted to the Bachelor of/Baccalaureate in Computer Science (BCompSc) must include in their degree program (minimum 108 credits) the following courses, depending upon their chosen program:

a) BCompSc Joint Major in Computation Arts and Computer Science:

MATH 203, MATH 204, MATH 205

and six credits chosen in consultation with an academic advisor from the Department of Design and Computation Arts and three elective credits may be chosen as follows.

- General Education Electives found in Complementary Studies for Engineering and Computer Science Students.
- Engineering and Natural Science Group: Software Engineering
- Courses not included in the above lists may be taken with prior approval of the undergraduate program director.

b) Bachelor of/Baccalaureate in Computer Science (BCompSc) and BCompSc Joint Major in Data Science:

MATH 203, MATH 204, MATH 205

and six credits chosen from courses in Humanities or Social Sciences as noted in Section 71.110 Complementary Studies for Engineering and Computer Science Students and three elective credits may be chosen as follows. English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement.

- General Education Electives found in Complementary Studies for Engineering and Computer Science Students.
- Engineering and Natural Science Group: Software Engineering
- Courses not included in the above lists may be taken with prior approval of the undergraduate program director.

c) BCompSc in Health and Life Sciences:

BIOL 201

CHEM 205, CHEM 206

MATH 203, MATH 204, MATH 205

PHYS 204, PHYS 205, PHYS 206, PHYS 224, PHYS 225, PHYS 226

and six credits chosen from courses in Humanities or Social Sciences as noted in Section 71.110. English as a Second Language (ESL) Courses courses and courses that focus on the acquisition of a language may not be used to meet this requirement.

Depending on the number of free electives in their program, Mature Entry Computer Science students may use up to a maximum of 24 credits of prerequisites (including the above courses) within the 108-credit program.

A maximum of six credits of prerequisites may be used within the regular 90-credit program.

Note: In all programs, students may need one or more of MATH 200 and MATH 201.

Note: Some students may require courses in English as a Second Language, as determined by language proficiency testing.

Section 14.2.4 Faculty of Fine Arts

Faculty of Fine Arts

Mature Entry students wishing to pursue degree and certificate programs in the Faculty of Fine Arts must take 18 additional credits appropriate for entry into their ultimate area of concentration. These credits will be chosen with the approval of the Faculty advisors.

Section 14.3 Assistance

Assistance

Mature students accepted into the University must inform themselves of the specific requirements of their program and should meet with their program advisors in the Faculties or in the the Kaié:ri Nikawerà:ke Indigenous Bridging Program.

Section 13 Admission Regulations

Admission Regulations

Section 13.1 Admission to Concordia University

Admission

The University gives fair consideration to all applicants and informs them of its decisions and the basis for such decisions within a reasonable period of time. Concordia has a long tradition of service to adult and part-time students. Basic information on admission requirements and procedures is included in this Calendar. More detailed information can be found on the Concordia website.
In keeping with general principles accepted by Quebec universities, admission to Concordia University is open to qualified applicants in the program of their choice. In programs with limited enrolments, not all qualified applicants can be accepted. In such cases, the University accepts those with the strongest qualifications and demonstrable potential. Qualified applicants not admitted to their preferred program are automatically considered for their second-choice program.

Applicants should submit an application through the Concordia website: concordia.ca.

There is a single processing centre to which all admission-related documents should be mailed:

Concordia University
Admissions Application Centre
P.O. Box 2900
Montreal, Quebec
H3G 2S2

Section 13.2 Definitions

The Academic Year

The academic year begins with a summer session (May to August) followed by a regular session (September to April). The summer session includes all courses offered between the beginning of May and the end of August. The regular session is divided into a fall term (September to December) and a winter term (January to April), each 15 weeks long. Terms include an examination period, during which any final examination must be held. The Section 11 Academic Calendar lists precise dates for the beginning and end of classes and examination periods.

Exemption

A student may be exempted from a Concordia course based on previous study or a challenge exam. An exemption from a course has no credit value towards a degree or certificate. Exemptions from required courses may be granted in cases where students have already covered the work at any institution with an appropriate level of performance. Any such courses may be replaced with courses chosen in consultation with their advisors. Students who complete a course for which an exemption has been granted will not be permitted to retain the credits unless they have been granted prior approval from the Faculty and/or departmental advisor.

Sequence of Courses

Prerequisite

Course A is a prerequisite of Course B when “A” must be taken and successfully completed before taking “B.” Students may be deregistered from a course until its prerequisite course(s) has been successfully completed.

Co-requisite

Course A is a co-requisite of Course B when “A” must be taken in the same academic term as “B,” unless it has already been successfully completed. Students may be deregistered from Course B if they are not concurrently registered in the co-requisite Course A.

Residence Requirement

This refers to the minimum number of credits which must be taken at Concordia University to obtain a degree or certificate awarded by the University.

Transfer Credits

Transfer credits are credits for courses taken at another institution (or in another Concordia program) which may be transferred towards a Concordia degree or certificate.

Student Type

Extended Credit Program Students

Students registered in an extended program, normally requiring 30 credits in addition to the regular requirements, designed for students entering from secondary institutions outside Quebec. (See relevant Faculty section.)

Independent Students

Students not seeking a degree or certificate.

Mature Students

Undergraduate students who do not meet regular academic admission requirements and have been admitted on the basis of their age, experience, and potential.

Bridging Students

Undergraduate students who do not meet regular academic admission requirements and have been admitted to a bridging program on the basis of their age, experience, and potential.

Undergraduate Students

Students registered in an undergraduate degree or certificate program, whether on a full-time or part-time basis. See Section 16.1.2 Credit System for a definition of full-time and part-time study.

Visiting Students

Undergraduate students from other universities who have written approval from their home university to take courses at Concordia University, or students currently registered in certain certificate programs sponsored by external associations (e.g. programs related to the John Molson School of Business).

Section 13.3 Admission Requirements

Section 13.3.1 Applicants from Quebec Institutions

Applicants from Quebec Institutions

Quebec applicants must have successfully completed a two-year pre-university program in a Cegep and qualify for a Diploma of Collegial Studies (DEC) or the equivalent. Applicants who have completed a three-year professional program in a Cegep or have obtained a French or International Baccalaureate are also eligible for consideration.

Cegep records of applicants must include the successfully completed prerequisites of the Concordia degree program for which they are applying. These programs and admission requirements “profiles” are listed in:

- The programs and admission requirements listed under each Faculty section,
- The Concordia website.

Students admitted to a particular program at the University and who subsequently wish to change to another program may have to complete specific prerequisites in addition to their regular program requirements.

Section 13.3.2 Applicants from Other Canadian Provinces

Applicants from Other Canadian Provinces

When applying to a Faculty program, graduates of secondary schools in Canadian provinces and territories other than Quebec are considered for admission to the Extended Credit Program (ECP) at Concordia. The ECP requires completion of 30 credits in addition to the regular requirements. The duration of a degree program is normally four years. The BEng, BA (Early Childhood and Elementary Education), BEd (TESL), BSc in Athletic Therapy, and BFA (Specialization in Art Education) will generally require five years of full-time study to complete.

The ECP requirements are not applicable to students applying for admission to microprograms or the Kaié:ri Nikawerà:ke Indigenous Bridging Program.

To be considered for admission, students must have successfully completed prerequisites of the Concordia degree program for which they are applying. The specific admission requirements are listed on the Concordia website.

Students admitted to a particular program at the University and who subsequently wish to change to another program may have to complete specific prerequisites in addition to their regular program requirements.

Section 13.3.3 Transfers from Other Universities

Transfers from Other Universities

Each transfer application is considered on its merits. The number of transfer credits granted depends on the character, quality, and quantity of the work completed at the accredited institution. In allowing transfer credits, some special conditions apply:

1. Students will not be given credit for courses taken in another university during the same academic term in which they have registered for courses at Concordia University, unless special permission has been obtained in advance from this University. Further detailed information is available in Section 16.1.6 Studies at Other Universities under Section 16.1 General Information of this Calendar.
2. To earn an undergraduate degree, students must meet the University Residence Requirements as outlined in Section 16.2.2 Residence

Requirements of this Calendar.

3. Students transferring to Concordia after having failed to achieve a satisfactory record at any university must take a minimum of 60 additional credits at Concordia.

Section 13.3.4 Transfers from Other Post-Secondary Institutions

Transfers from Other Post-Secondary Institutions

Each transfer application is considered on its merits. Credits from junior colleges, community colleges, or colleges of applied arts and technology outside Quebec will, in general, be given the same recognition towards undergraduate programs as they receive in their respective provinces.

Section 13.3.5 Transfer Credits and Exemptions

Transfer Credits and Exemptions

Transfer credits are credits for courses taken at another institution (or in another Concordia program) which may be transferred towards a Concordia degree or certificate. The respective Faculty assesses all requests for transfer credits. Concordia courses transferred from an incomplete degree, or certificate program, microprogram, the Kaié:ri Nikawerà:ke Indigenous Bridging Program, or from independent studies will have the credits transferred as well as the corresponding grade provided a grade of C- or better has been achieved. Concordia courses transferred from a completed degree or certificate, microprogram or Kaié:ri Nikawerà:ke Indigenous Bridging Program will have the credits transferred but will not include the corresponding grades. Courses from another institution with a grade of C- or better (or equivalent) may have the credits transferred, if deemed appropriate, but will not include the corresponding grades.

An exemption from a course has no credit value towards a degree or certificate. Exemptions from required courses may be granted in cases where students have already covered the work at any institution, with an appropriate level of performance. Any such courses may be replaced with courses chosen in consultation with their advisors. Students cannot retain credits for a repeated course or a course in which any exemption has been granted, unless they have been granted prior approval from the Faculty and/or departmental advisor.

Section 13.3.6 Applicants from Outside Canada

Applicants from Outside Canada

In general, candidates who have completed the level of education required for admission to university in their home country and have achieved good grades are eligible to apply for admission. Further information regarding international admission requirements is available in Section 19 International Students.

Section 13.3.7 Former Concordia Students

Former Concordia Students

Former Concordia students who have been absent from Concordia may be required to submit a new application for admission. Students are advised to contact Enrolment Services for information on the correct procedure. Students may have to resubmit proof of legal status in Canada and Quebec resident status after an absence of more than 12 months (see Section 13.7 Required Documents). Normally,

- Students who, during their absence from Concordia, attended another institution and attempted **at least** 12 credits, must submit a new application and make arrangements to have an official transcript sent to the Admissions Application Centre. Transfer credits will be assessed as part of the admissions process. If **fewer than** 12 credits have been attempted or if attendance at another institution was

based exclusively on a letter of prior approval from the Faculty Student Request Committee, a new application would normally not be required.

- Students who **officially** withdrew from Concordia University and who wish to return to study must submit a new application. If they have attended another institution during their absence, they must also make arrangements to have an official transcript sent to the Admissions Application Centre.

- Students in the Faculty of Arts and Science who have been absent from their program for nine consecutive terms or more will be withdrawn from their program and must meet with an academic advisor before reinstatement into the program.

- Students in the John Molson School of Business who have been absent from their program for six consecutive terms or more will be withdrawn from their program and must meet with an academic advisor before reinstatement into the program.

- Students in the Gina Cody School of Engineering and Computer Science who have been absent from their program for six consecutive terms or more will be withdrawn from their program and must submit a new application for admission through the Concordia website.

- Students in the Faculty of Fine Arts who have been absent from their program for nine consecutive terms or more will be withdrawn from their program and must meet with an academic advisor before reinstatement into the program.

The respective Faculty assesses all requests for transfer credits. Further detailed information is available in Section 13.3.3 Transfers from Other Universities, Section 16.1.6 Studies at Other Universities, and Section 16.2.2 Residence Requirements of this Calendar.

Section 13.4 Language Proficiency

Language Proficiency

While the language of instruction at Concordia is English, most assignments and examinations may be submitted in French. Students whose first language is not English must demonstrate language proficiency prior to their admission to Concordia. They will ordinarily be exempt from pre-admission English tests if they have completed any of the following criteria:

- The last four years of high school studies in Quebec and the DES (Secondary V);
- Both Secondary V and the Diploma of Collegial Studies (DEC) in Quebec;
- The Diploma of Collegial Studies (DEC) at an English Cegep in Quebec;
- A minimum of three full years of study in an institution where the sole language of instruction is English;
- Four full years of study in Canada in French at the secondary-school level immediately

prior to graduating;

- The course Group 1 English (Language A: Literature, Language A: Language & Literature, or Literature & Performance) (Higher or Standard level) in the International Baccalaureate (IB);
- The European Baccalaureat English as language 1 or language 2;
- The American or British Option internationale du baccalauréat (OIB) of the French Baccalauréat;
- GCE/GCSE/IGSCE/O-level English Language, English as a Second Language or First Language English with a grade of “C” or better;
- The Advanced 2 level of the Intensive English Language Program (IELP) at Concordia University’s Continuing Education Language Institute (CELI) with a final grade of 70% or higher.

If none of these criteria fits, a student whose first language is other than English must write a pre-admission English test. Proof of proficiency in English must be provided by achieving the appropriate score on one of the following:

- Test of English as a Foreign Language (TOEFL);
- International English Language Testing System (IELTS);
- Canadian Academic English Language Assessment (CAEL);
- Cambridge Certificate of Proficiency in English (CPE) and Certificate in Advanced English (CAE);
- Pearson English Proficiency Test.
- Duolingo English test

For information on the minimum scores required please consult the Concordia website.
Test results must be reported directly to the Admissions Application Centre by the test centre. Results more than two years old will not be accepted as proof of language proficiency. **In all cases, the University reserves the right to require a proficiency test if it is deemed necessary.**

Section 13.5 Applying for Admission

Applying for Admission

Students should submit an application through the Concordia website at concordia.ca. Students are encouraged to apply for admission as early as possible to allow sufficient time for the evaluation of their application. This is especially true for applicants from outside Canada. Supporting documents must be submitted at the time of application or as soon afterwards as they become available.

Applicants must state their full academic history on their application for admission or risk cancellation of their admission or registration. No transfer credit will be awarded retroactively for former studies not reported in the application.

Section 13.5.1 Application fee

Application fee

There is an application fee required with every application, payable to Concordia University by certified cheque, money order, MasterCard, Visa, American Express or debit card (Interac). Applicants from outside Canada may pay this fee by international money order or draft drawn on a Canadian bank in Canadian funds.

This application fee is not refundable under any circumstances, nor can it be used towards tuition. It is not transferable to a session other than that for which the student is applying.

Section 13.5.2 Deadlines

Deadlines

September is the normal point of entry to full-time and part-time studies. Entry in January is limited to certain programs. Students should refer to the admissions information within the relevant Faculty section on the Concordia website.

March 1 and November 1 are the application deadline dates normally set for the fall and winter terms respectively. However, candidates are encouraged to submit their applications well before the start of term to allow sufficient time for evaluation and notification. Candidates applying from outside of Canada should submit their applications by February 1 for September entry and September 1 for January entry. Application deadlines for microprograms may vary, and students should consult the relevant Faculty section on the Concordia website for specific dates.

Section 13.6 Special Admissions

Section 13.6.1 Mature Students

Mature Students

Mature students are undergraduates who have not met the regular academic admission requirements (e.g. completion of a DEC or equivalent), but have been admitted on the basis of age, experience, and potential. Mature students may study full-time or part-time.

Information on Mature Entry is contained in Section 14 Mature Entry.

Section 13.6.2 Visiting Students

Visiting Students

Visiting students are undergraduate students from other universities who have written approval from their home university to take courses at Concordia University, or they are students currently registered in certain certificate programs sponsored by external associations. The granting of such status in no way guarantees a student a place in a course.

1. Students from other Quebec universities who wish to take courses at Concordia must complete a web-based Inter-University Exchange Authorization form at bci-qc.ca/en/students/aehe. Additional information is available in Section 16.1.6 Studies at Other Universities.

2. Undergraduate students from other universities outside the province of Quebec who wish to take courses at Concordia must submit a letter of permission from the registrar of their home university and Canadian citizenship/permanent residency documents or Quebec Acceptance Certificate (CAQ) and Study Permit. Visiting students who are Canadians or permanent residents may be eligible to pay Quebec rates of tuition upon submission of proof of Quebec residency in accordance with government criteria (see Section 13.7 Required Documents).

3. Students who wish to register in certificate programs sponsored by external associations must submit proof of membership in the association and citizenship documents. Visiting students who are Canadians or permanent residents may be eligible to pay Quebec rates of tuition upon submission of proof of Quebec residency in accordance with government criteria (see Section 13.7 Required Documents).

Section 13.6.3 Independent Students

Independent Students

Concordia University allows individuals to register as Independent students — students who can take individual courses but are not registered in a degree program — if they satisfy the admission requirements.

Canadian citizens and permanent residents can qualify for admission by providing proof of being over 21 years of age as of May 15 for the summer session, September 15 for the fall term or January 15 for the winter term OR providing proof of meeting the minimum academic requirements for entry to the University. International students must be academically eligible for University entrance.

Independent students may register for a maximum of 18 credits a year, equally divided between fall and winter terms; their Independent status in no way guarantees them a place in a given course. International Independent students are required to register for a minimum of 12 credits each fall and winter term according to Immigration Quebec rules.

Independent students are admitted through Enrolment Services and will subsequently receive academic advising through the respective Faculty. Students who wish to enter a degree or certificate must submit a formal application. Credits acquired as an Independent student may be applied towards the degree or certificate if applicable. In the case of the Faculty of Arts and Science and the Gina Cody School of Engineering and Computer Science, a maximum of 30 credits earned in the Independent status may be transferred towards a degree.

Section 13.6.4 Senior Students

Senior Students

Concordia University is committed to lifelong learning and community service. Seniors at Concordia either take credit courses in a program or as Independent students. They can also choose to audit courses on a non-credit basis through the Senior Audit program administered by the Office of the Registrar.

Students aged 55 and over who wish to attend undergraduate courses primarily in the Faculty of Arts and Science for personal interest rather than for credit, may register to audit courses. Though not required to write class assignments or final examinations, they participate in every other aspect of the courses. Senior Audit students pay significantly reduced fees. For more information, call Sylvia De Niverville at 514-848-2424, ext. 3893.

If seniors wish to pursue an undergraduate program or take courses as Independent students for credit, they may do so at the regular tuition fees. Some assistance through the William Schiff Scholarship is possible for those 55 or over. Applications and information may be obtained at the Financial Aid and Awards Office.

Section 13.6.5 Bridging Students

Bridging Students

Bridging students are undergraduates who have not met the regular academic admission requirements (e.g. completion of a DEC or equivalent), but have been admitted to a bridging program on the basis of age, experience, and potential. These students follow the course sequence of the bridging program to which they are admitted, and are not initially enrolled directly in a degree program. Upon successful completion of the bridging program requirements the student may be admitted to a related degree program. Please see 9. Bridging Program under Section 16.2.4 Concentration Requirements for the definition of a bridging program.

Section 13.7 Required Documents

Proof of Canadian Citizenship or Permanent Residency

All applicants must provide documentary proof of their status in Canada. Applicants who have been accepted by the University and who have not provided this proof of status will automatically be charged the higher International tuition fees. To provide proof of Canadian citizen/permanent resident status, applicants must submit a photocopy to the Admissions Application Centre of one of the following documents:

- Canadian Birth Certificate;
- Quebec Birth Certificate issued by the Quebec Directeur de l'état civil with the mention "Certified" or "certifié conforme";
- Canadian Citizenship Card (both sides);
- Canadian Citizenship Certificate;
- Permanent Resident Card (both sides) or IMM 5292 or IMM 5688;
- Certificate of Indian Status Card (both sides).

The following documents are **not** acceptable:

- Driver's Licence:
- Medicare Card;
- Social Insurance Number Card;
- Quebec Baptismal Certificate.

In case of a discrepancy in information provided, the University reserves the right to ask students to provide additional documentation to verify their legal name.

Proof of Quebec Residency (Applicable to Canadian Citizens and Permanent Residents)

The University will endeavour to establish Quebec residency status for applicants from Quebec Cegeps by importing Quebec resident status data electronically from government files based on their "permanent code."

Other Canadian citizens and permanent residents must present proof of Quebec residency. Students who have not provided such evidence are automatically charged non-Quebec resident fees.

To prove Quebec residency, applicants must supply the Office of the Registrar with an original or a legible photocopy of one of the following documents:

- A "certified" birth certificate issued after January 1, 1994 by the Government of Quebec (regardless of place of birth), which does

not contain the notation “Émis en vertu de l’article 137 du Code Civil”;

- A current Canadian passport clearly indicating a place of birth in Quebec;
- A Certificat de sélection du Québec (CSQ) or an official letter from the Ministère des Communautés culturelles et de l’immigration du Québec attesting that the student is the holder of a CSQ;
- A loan certificate issued by l’Aide financière aux études du ministère de l’Éducation et de l’Enseignement supérieur for the current year.

In addition, the student may fit into one of a number of other approved government categories. Among the categories recognized by the Government are:

- A student adopted by a person with residency status in Quebec at the time of the adoption;
- A student, one of whose parents resides in Quebec;
- A student who has resided in Quebec for at least 12 months before becoming a full-time student;
- A student who came to Canada as a permanent resident without a Certificat de sélection du Québec (CSQ) but has resided in Quebec for at least three months without having lived elsewhere for more than three months since landing in Canada;
- A student whose spouse qualifies under these criteria as a Quebec resident.

Students who had Quebec resident status at Concordia in the past may have to renew their Quebec resident status after an absence of more than one year.

If, upon acceptance to a University program, proof of Quebec residency has not been established, students must apply for Quebec residency via the Student Hub: Log into concordia.ca/students > Personal Information (drop down menu) > Quebec Residency Application and submit the required documentation by the deadline for the term in question. Details can be found at concordia.ca/admissions/tuition-fees/quebec-residency. Quebec resident status may not be granted retroactively.

Section 13.7.1 All Applicants

Academic Documents

Academic Documents

Applicants must submit all secondary and post - secondary academic records. In order for their admission to be finalized, they must ensure that an **official** transcript is forwarded directly to the Admissions Application Centre by all of the institutions which they have attended.

With their application, students currently enrolled at an institution must include results from all previous terms together with a list of courses in progress. They must arrange for an **official** transcript with the results of the final semester to be forwarded as soon as possible once they have been admitted. All documents must be originals or appropriately certified copies. Uncertified copies are not acceptable; neither are records transmitted by fax. Transcripts in a language other than English or French must be accompanied by a certified translation. If the transcript does not detail the subjects and the grades, a certified statement of these from an authorized official of the institution should also be included.

The above procedure whereby institutions send official transcripts directly to Concordia University is the normal method for receipt of official transcripts. However, in order to accelerate the review of their file, students may submit official transcripts in **sealed envelopes** along with their application, subject to the following procedures: applicants are to request each previous educational institution to provide them with a

copy of their official transcript, sealed in an envelope which bears the name and address of the school, the institutional logo (if applicable), a notice on the envelope stating that it contains official transcripts, and a signature/signature stamp/explanatory label placed across the seal of the envelope.

NOTE: All required documents received by Concordia University become the property of the University. Official documents and/or transcripts will not be returned to the applicant and will be destroyed after three years.

Section 13.7.2 Permanent Code

Permanent Code

The Ministère de l'Éducation et de l'Enseignement supérieur requires all registered students to have a "permanent code" (a unique identifying number) which is assigned by the Ministry. Students who already have a permanent code must enter it on their application form.

For students who have attended or are currently attending Cegep in Quebec, Concordia University will automatically obtain the required Cegep record electronically by using their permanent code.

Section 13.8 Selection Process and Notification

Section 13.8.1 Conditional Admission

Conditional Admission

Applicants seeking admission to undergraduate programs may be granted conditional admission on the basis of available academic records, including interim results for the current year. Final admission is contingent upon a student's successfully completing all the academic admission requirements and meeting all conditions as stated in the conditional offer of admission issued by the University.

Section 13.8.2 Confirmation Fee

Confirmation Fee

Applicants who have been granted admission or conditional admission to full-time studies or to certain part-time programs are required to submit a confirmation deposit to confirm their intention to attend the University. This non-refundable confirmation deposit is applied towards tuition fees.

Applicants who receive a conditional offer of admission, but who are ultimately denied admission because they have not completed the minimum academic requirements for entrance, will receive a refund of their confirmation deposit upon request.

Section 13.8.3 Registration

Registration

Complete information regarding registration is available in the Student Hub: concordia.ca/students.

Section 16.2.4 Concentration Requirements

Concentration Requirements

Every undergraduate program requires a cohesive sequence of courses. To graduate in a degree program, a student must complete one of the following concentrations: honours, specialization, major. Under certain conditions, a student may be eligible to obtain a baccalaureate degree through the accumulation of certificates. In the Gina Cody School of Engineering and Computer Science, concentrations are referred to as programs. Most of these programs have options, where students take a number of related courses in a chosen area. Honours is a highly concentrated program with a required performance level; the specialization and the major require varying degrees of concentration, normally without a performance requirement. An honours, specialization, or major can be combined with a minor. In some circumstances, a double major is also possible.

1. Honours Programs

The University offers programs leading to an honours degree in certain disciplines. The honours program consists of 60 or more credits in a discipline, with superior performance required to enter and remain in the program. In their first year, students may register in honours program courses, but their acceptance as honours **students** will depend on their performance. Students who do not meet requirements for honours standing may proceed in either a specialization or a major program.

There are minimum academic standards for honours programs. The honours student must:

1. meet general degree requirements and the specific requirements for an honours program.
2. maintain a grade point average (GPA) of 3.00 in all honours courses; the minimum acceptable grade in any honours course is “C.”
3. have a minimum GPA of 2.70 for honours courses taken each year. For part-time students this is calculated in 18-credit blocks.
4. have a GPA of no less than 2.00 in non-honours courses.

Honours students who do not meet these standards will be withdrawn from the honours program and will proceed in the major or specialization program. Reinstatement in the honours program is possible only with the permission of the Faculty Honours Committee.

The programs and particular Faculty regulations are listed in the Faculty sections under “Honours Programs.”

2. Specialization Programs

A specialization is a sequence of courses totalling 60 or more credits. In a few cases it includes a performance requirement. In addition to courses in a particular discipline, the specialization may include courses in other closely related fields.

3. Major Programs

A major is a sequence of courses totalling 36 or more credits, except in the John Molson School of Business where the major consists of at least 24 credits in a particular discipline in addition to the required 48-credit JMSB Core. The major may include certain courses in other closely related fields.

4. Minor Programs

A minor is a sequence of courses totalling 24 or more credits, except in the John Molson School of Business where the minor consists of at least 12 credits in the chosen discipline in addition to the required 48-credit JMSB Core.

5. Combined Programs

An honours, specialization, or major program may be combined with a minor or a certificate program. In some circumstances, a major program may also be combined with another major program.

6. Certificate Programs

An undergraduate certificate is a coherent program, usually of 30 credits, made up of regular undergraduate courses. Courses taken as part of a certificate program are normally applicable to the appropriate undergraduate degree. There is no guarantee that a certificate program can be completed in one academic year.

7. Microprograms

An undergraduate microprogram is a coherent program, usually of 9-15 credits, made up of regular undergraduate courses. A microprogram is normally completed within one academic term.

8. Baccalaureate by Accumulation

Under certain conditions, a student may earn a baccalaureate degree through the accumulation of a minimum of three certificates in eligible disciplines. The Faculties and Schools under which the baccalaureate degree is offered shall determine criteria for specific certificate programs eligible for application towards the degree.

Students must satisfy the following conditions in order to qualify for a Baccalaureate by Accumulation:

1. A declaration of intention to complete a Baccalaureate by Accumulation must be submitted at the time of admission to the third certificate.

2. A minimum of 90 credits must be obtained through the accumulation of a minimum of three certificates in order to qualify for the degree. Students admitted to the Extended Credit Program (ECP) and the Mature Entry Program (MEP) are required to take additional credits. See Section 14 Mature Entry of the Calendar for regulations pertaining to the Mature Entry Program (MEP). See Section 13.3.2 Applicants from Other Canadian Provinces of the Calendar for regulations pertaining to the Extended Credit Program (ECP).

3. The credits obtained for any course may not be used to satisfy the requirements of more than one program of study, including certificate, minor, major, specialization, and honours programs.

4. Under certain conditions, where admission requirements permit, students may apply a certificate completed at an institution other than Concordia towards the Baccalaureate by Accumulation. The following conditions must be met:

   a) At least 50 per cent of the credits for the Baccalaureate by Accumulation must be taken at Concordia.

   b) The final certificate must be completed at Concordia.

5. Students who already have a baccalaureate degree and wish to pursue a second degree through the Baccalaureate by Accumulation program are subject to the conditions below. Before registering, such students should consider whether their purpose might be better served by enrolling in a graduate degree, diploma, or certificate program. To obtain a second undergraduate degree, students must:

   a) Apply, register and successfully complete two additional certificates (a minimum of 60 credits total) eligible to be applied towards a Baccalaureate by Accumulation.

b) At least two thirds of the credits applied towards the second degree must be in courses other than those credited to the first degree — for example, a minimum of 60 credits must be completed when the normal requirement is 90 credits.

Students who already have a Baccalaureate by Accumulation who wish to undertake a second Baccalaureate degree through the traditional structure are subject to the Residence Requirements outlined in Section 16.2.2 Residence Requirements.

6. Only specific certificates may be deemed as eligible for application towards a Baccalaureate by Accumulation by the granting Faculty or School. All baccalaureate degrees are subject to the admission and graduation criteria established by the Faculties and Schools under which they are offered.

7. All candidates must satisfy the admission criteria for each certificate; admission into one certificate does not guarantee admission into other certificates. The specific admission requirements are listed on the Concordia website.

8. Students are eligible for graduation only once they have satisfied all of the above criteria. Eligibility for graduation is normally assessed following the successful completion of a minimum of three certificates deemed eligible for application towards a Baccalaureate by Accumulation by the granting Faculty or School.

9. Bridging Program

An undergraduate bridging program is a coherent program, usually of 18-30 credits, that may be made up of both academic undergraduate and university skills courses. A bridging program is designed for students who are required to upgrade their academic background and acquire the prerequisites necessary to gain entry to an undergraduate degree program. Courses taken as part of a bridging program are normally applicable to a specific undergraduate degree. A bridging program does not lead to the awarding of a credential.

Undergraduate Program Regular Curriculum Change - GCS-GCS-101 - VERSION : 2

Summary and Rationale for Changes

ENGR 490: The credit value is being increased from 4 to 6 credits to better reflect the actual workload (as recommended by the CEAB).

Extended Credit Program and Mature Entry admission (Engineering) - Natural Science courses added: 6 credits (two courses) of Natural Science courses (from a specific list) is being added to ensure that the Extended Credit Program (ECP) and the program for Mature Entry students in engineering programs to satisfy CEAB's minimum requirement of natural science content.

Section 71.20.2: The section is updated to include the Extended Credit Program, Mature Entry Program, and Kaiéri Nikawerà:ke Indigenous Bridging Program.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Sandra Gabriele, Vice- Provost, Innovation in Teaching and Learning,
APC, 18 Nov 2022

Approved by:

Mourad Debbabi, Dean, Gina Cody School of Engineering and Computer Science,
GCS Council, 30 Sep 2022

Summary of Committee Discussion: FCC/FAPC/GCS Approval

For Submission to:

Mourad Debbabi, Dean, Gina Cody School of Engineering and Computer Science,
GCS Council, 30 Sep 2022

Approved by:

Ali Akgunduz, Associate Dean (Academic Programs),
ESC Undergraduate Studies Committee, 13 Sep 2022

Summary of Committee Discussion: Department approval

For Submission to:

Ali Akgunduz, Associate Dean (Academic Programs),
ECS Undergraduate Studies Committee, 13 Sep 2022

Approved by:

Ali Akgunduz, Associate Dean (Academic Programs),
ECS Undergraduate Studies Committee, 13 Sep 2022

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
ENGR 490 Multidisc Capstone Design Project Change - cr value increase							X			

Defined Group Changes:

Defined Groups

	Defined Group Title Change	Defined Group Requirements Change	Change to Total Credit Value of Defined Group
Extended Credit Program - Natural Sci courses added		X	
Natural Science Electives New	X	X	
Kaié:ri Nikawerà:ke Indigenous Bridging Program New	X	X	X

Regulation Changes:

- Alternative Entry Programs - New introductory text
- Kaié:ri Nikawerà:ke Indigenous Bridging Program New
- Requirements New

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: ENGR 490 credit value increase, Extended Credit Program, Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Alternative Entry Programs

Calendar Section Type: Regulation

Description of Change: Alternative Entry Programs - New introductory text

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Gina Cody School of Engineering and Computer Science

Calendar publication date: 2023/2024/Summer

Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.20 BEng > Section 71.20.2 Alternative Entry Programs

Present Text (from 2021) calendar	Proposed Text
	Alternative Entry Programs Alternative Entry Programs The Gina Cody School of Engineering and Computer Science offers three additional paths for students to pursue their engineering degrees: Extended Credit Program Mature Entry Program (see Section 14.2.3 Gina Cody School of Engineering and Computer Science for details) Kaié:ri Nikawerà:ke Indigenous Bridging Program

Rationale:

We are adding introductory text to this section (Section 71.20.2) to include references to all programs that require additional credits beyond the regular engineering program. These include the Extended Credit program, Mature Entry, and the newly created Kaiéri Nikawerà:ke Indigenous Bridging Program. Information on all three programs is being included under this section (Section 71.20.2) in the Undergraduate Calendar.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: ENGR 490 credit value increase, Extended Credit Program, Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Extended Credit Program
Calendar Section Type: Defined group
Description of Change: Extended Credit Program - Natural Sci courses added

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Gina Cody School of Engineering and Computer Science

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.20 BEng > Section 71.20.2 Alternative Entry Programs

Type of Change: Defined Group Change

Present Text (from 2021) calendar		Proposed Text
Extended Credit Program	**credits**	Extended Credit Program
Students admitted to an Extended Credit Program under the provisions of Section 13.3 Admission Requirements or under Section 13.8 Selection Process and Notification must successfully complete the requirements of a specific program, as set out in Section 71.30 Department of Electrical and Computer Engineering to Section 71.55 Aerospace Engineering and in Section 71.70.9 Degree Requirements for the BEng in Software Engineering , plus the following courses:		Students admitted to an Extended Credit Program under the provisions of Section 13.3 Admission Requirements or under Section 13.8 Selection Process and Notification must successfully complete the requirements of a specific program, as set out in Section 71.30 Department of Electrical and Computer Engineering to Section 71.55 Aerospace Engineering and in Section 71.70.9 Degree Requirements for the BEng in Software Engineering , plus the following courses:
~~MATH~~ 203 Differential and Integral Calculus I (3)		CHEM 205 General Chemistry I (3) MATH 203 Differential and Integral Calculus I (3)
MATH 204 Vectors and Matrices (3) MATH 205 Differential and Integral Calculus II (3)		MATH 204 Vectors and Matrices (3) MATH 205 Differential and Integral Calculus II (3)
~~PHYS~~ 204 Mechanics (3) PHYS 205 Electricity and Magnetism (3)		PHYS 204 Mechanics (3) PHYS 205 Electricity and Magnetism (3)
~~CHEM 205 General Chemistry I (3)~~		Six credits of Natural Science Electives chosen from the list below.
Six credits chosen from courses in Humanities and Social Sciences . English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement.		Six credits chosen from courses in Humanities and Social Sciences . English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement.
		Students in the Extended Credit Program (ECP) or

Present Text (from 2021) calendar	Proposed Text
Students in the Extended Credit Program (ECP) or the Mature Entry Program (MEP) (see Section 14.2 Program Requirements) or any other students who have been assigned credits in Humanities and Social Sciences must select those credits from the two corresponding lists in Section 71.110 Complementary Studies for Engineering and Computer Science Students . Those credits cannot be chosen from the list of Other Complementary Studies .	the Mature Entry Program (MEP) (see Section 14.2 Program Requirements) or any other students who have been assigned credits in Humanities and Social Sciences must select those credits from the two corresponding lists in Section 71.110 Complementary Studies for Engineering and Computer Science Students . Those credits cannot be chosen from the list of Other Complementary Studies .

Rationale:

Natural Science courses added to ECP and MEP: The Canadian Engineering Accreditation Board (CEAB) criteria require accredited programs to include a minimum number of Accreditation Units (AU) of curriculum content from the natural sciences. Currently there is insufficient natural science content in engineering programs for students in the Extended Credit Program (ECP). Therefore, 6 credits (two courses) chosen from a specific list of courses in the natural sciences are being added to the Extended Credit Program. (The credit weight of the ECP will correspondingly increase from 24 to 30 credits.)

Note: This change must also be made to the Mature Entry Program for Engineering students (Section 14.2.3, under "Engineering") by adding the sentence "Six credits of Natural Science Electives" (with link to the Natural Science Electives group).

Simplification of course list: For clarity and simplified appearance in the Undergraduate Calendar, extra lines are being removed in the list of CHEM, PHYS and MATH courses and they are being re-ordered to appear in alphabetical order.

Resource Implications:

None.

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: ENGR 490 credit value increase, Extended Credit Program, Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Natural Science Electives

Calendar Section Type: Defined group

Description of Change: Natural Science Electives New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Gina Cody School of Engineering and Computer Science

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.20 BEng > Section 71.20.2 Alternative Entry Programs > Extended Credit Program (ECP)

Type of Change: New Defined Group

Present Text (from 2021) calendar	Proposed Text	
	credits	Natural Science Electives
0	~~0~~	BIOL 201 Introductory Biology (3) BIOL 202 General Biology (3) BIOL 206 Elementary Genetics (3) BIOL 261 Molecular and General Genetics (3) BIOL 266 Cell Biology (3) CHEM 206 General Chemistry II (3) CHEM 217 Introductory Analytical Chemistry I (3) CHEM 221 Introductory Organic Chemistry I (3) GEOL 206 Earthquakes, Volcanoes, and Plate Tectonics (3) GEOL 208 The Earth, Moon and the Planets (3) PHYS 206 Waves and Modern Physics (3) PHYS 252 Optics (3) PHYS 260 Introductory Biophysics (3) PHYS 273 Energy and Environment (3) PHYS 284 Introduction to Astronomy (3) PHYS 367 Modern Physics and Relativity (3) PHYS 385 Astrophysic (3) PHYS 443 Quantitative Human Systems Physiology (3) PHYS 445 Principles of Medical Imaging (3)

Rationale:

6 credits of Natural Science courses are being added to the Extended Credit Program and Mature Entry Program. (See the rationale in the program change the Extended Credit Program.) A new group is being created to list the acceptable courses from which these Natural Science electives can be chosen.

Resource Implications:

None.

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REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: ENGR 490 credit value increase, Extended Credit Program, Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Type: Regulation

Description of Change: Kaié:ri Nikawerà:ke Indigenous Bridging Program New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Gina Cody School of Engineering and Computer Science

Calendar publication date: 2023/2024/Summer

Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.20 BEng > Section 71.20.2 Alternative Entry Programs

Present Text (from 2021) calendar	Proposed Text
	Kaié:ri Nikawerà:ke Indigenous Bridging Program Kaié:ri Nikawerà:ke Indigenous Bridging Program The Kaié:ri Nikawerà:ke Indigenous Bridging Program is offered to eligible Indigenous students, specifically First Nations, Métis and Inuit peoples whose communities are located in Canada, who do not meet the normal admission requirements. Students will acquire the prerequisite courses and skills in order to access and transition into the undergraduate program of their choice at Concordia University. For the admissions criteria, please see Section 14.5 Admission as a Kaié:ri Nikawerà:ke Indigenous Bridging Program Student . Please see the Kaié:ri Nikawerà:ke Indigenous Bridging Program website for more information.

Rationale:

Resource Implications:

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: ENGR 490 credit value increase, Extended Credit Program, Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Requirements
Calendar Section Type: Regulation
Description of Change: Requirements New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Gina Cody School of Engineering and Computer Science

Calendar publication date: 2023/2024/Summer
Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.20 BEng > Section 71.20.2 Alternative Entry Programs > Kaié:ri Nikawerà:ke Indigenous Bridging Program

Present Text (from 2021) calendar	Proposed Text
	Requirements Students should follow the course sequence outlined below. Failure to do so may result in difficulty transitioning into the undergraduate program of choice (BEng).

Rationale:

Resource Implications:

DEFINED GROUP CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: ENGR 490 credit value increase, Extended Credit Program, Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Type: Defined group

Description of Change: Kaié:ri Nikawerà:ke Indigenous Bridging Program New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Gina Cody School of Engineering and Computer Science

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 May 2023
Effective/Push to SIS date: 01 May 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.20 BEng > Section 71.20.2 Alternative Entry Programs > Kaié:ri Nikawerà:ke Indigenous Bridging Program > Requirements

Type of Change: New Defined Group

Present Text (from 2021) calendar	Proposed Text
	36 credits Kaié:ri Nikawerà:ke Indigenous Bridging Program
0	~~0~~ 30 credits: KNBP 200 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I (1.5) KNBP 201 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II (1.5) UNSS 200 Self-Management Strategies (1.5) UNSS 201 Successful Study Strategies (1.5) ENCS 272 Composition and Argumentation for Engineers (3) ENCS 282 Technical Writing and Communication (3) BIOL 202 General Biology (3) MATH 203 Differential and Integral Calculus I (3) MATH 204 Vectors and Matrices (3) MATH 205 Differential and Integral Calculus II (3) PHYS 204 Mechanics (3) PHYS 205 Electricity and Magnetism (3) PHYS 224 Introductory Experimental Mechanics (1) PHYS 225 Introductory Experimental Electricity (1) Note: PHYS 224 and PHYS 225 are optional. Students should meet with the Program Coordinator prior to enrolling. 3 credits chosen from the Humanities General

Present Text (from 2021) calendar	Proposed Text
	Education Electives for Engineering and Computer Science Students or the Social Sciences General Education Electives for Engineering and Computer Science Students . Courses from the Other Complementary Studies General Education Electives for Engineering and Computer Science Students cannot be used to satisfy this requirement
	3 credits chosen from the Natural Science Electives
	Note: The following courses cannot be used for credit in any Gina Cody School degree or certificate program: KNBP 200 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I (1.5) KNBP 201 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II (1.5) UNSS 200 Self-Management Strategies (1.5) UNSS 201 Successful Study Strategies (1.5) ENCS 272 Composition and Argumentation for Engineers (3)

Rationale:

Many Indigenous students face educational barriers that hinder access to post-secondary education, including inequitable educational opportunities and a lack of resources. Concordia University's Indigenous Directions Action Plan responds to this need through Recommended Action 4.3, which seeks to "develop and implement Indigenous-centered bridging programs designed to support Indigenous students' transition into university life and academic programs." Members across the university have been committed to developing Kaié:ri Nikawerà:ke Indigenous Bridging Program, designed for Indigenous students who may not meet the normal admissions requirements for the undergraduate program of their choice. Kaié:ri Nikawerà:ke Indigenous Bridging Program is an important program as it allows Indigenous students access to post-secondary education and provides opportunities with ongoing support to develop the foundational skills and build a supportive network that will help students achieve long-term success throughout their university studies.

Other dossiers associated with Kaié:ri Nikawerà:ke Indigenous Bridging Program that have been submitted include:
• UNVSKIL-UNVSKIL-5141 submitted by Saba Din (Student Success Centre)
• OOTR-OOTR-5138 submitted by Amanda Wood (Admissions)

Resource Implications:

None. This program is part of the Student Success Centre.

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change

Dossier Title: ENGR 490 credit value increase, Extended Credit Program, Kaié:ri Nikawerà:ke Indigenous Bridging Program

Calendar Section Name: ENGR 490

Calendar Section Type: Course

Description of Change: ENGR 490 Multidisc Capstone Design Project Change - cr value increase

Proposed: Undergraduate Curriculum Changes

Faculty/School: Gina Cody School of Engineering and Computer Science

Department: Gina Cody School of Engineering and Computer Science

Calendar publication date: 2023/2024/Summer

Planning and Promotion: 01 May 2023

Effective/Push to SIS date: 01 May 2023

Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 71 Gina Cody School of Engineering and Computer Science > Gina Cody School of Engineering and Computer Science > Section 71.60 Engineering Course Descriptions > Engineering Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
ENGR 490 Multidisciplinary Capstone Design Project (4 credits)	ENGR 490 Multidisciplinary Capstone Design Project (6 credits)
Prerequisites:	*Prerequisites:*
Students must be eligible to register in one of the following courses: AERO 490 ; BLDG 490 ; CIVI 490 ; COEN 490 ; ELEC 490 ; INDU 490 ; MECH 490 ; COMP 490 or SOEN 490 .	Students must be eligible to register in one of the following courses: AERO 490 ; BLDG 490 ; CIVI 490 ; COEN 490 ; ELEC 490 ; INDU 490 ; MECH 490 ; COMP 490 or SOEN 490 .
Description :	*Description :*
Students work on a supervised team project to solve a complex interdisciplinary design problem. The project is completed by a team of students from at least two different departments in Gina Cody School of Engineering and Computer Science. The project must provide clear goals for each discipline-specific task and each student must have sufficient exposure to subjects in their program of study. Student eligibility and project topics for this course are subject to approval by the ENGR 490 Design Committee, which includes a member from each department in Gina Cody School of Engineering and Computer Science that offers undergraduate programs. This committee vets each project to ensure the clarity and scope of the goals and its relevance to the learning outcomes of students from each discipline. The project is carried out over both fall and winter terms. Students are expected to provide a preliminary project proposal, a progress and a final report (as a group); take part in group discussions in audit sessions during the design phase; and participate in a poster session involving individual oral presentations at the end of the winter term. In addition to the technical aspects, students are expected to learn how to evaluate their designs for compliance to regulations, environmental and societal expectations and economic issues. Students learn how to work in a multidisciplinary environment and receive	Students work on a supervised team project to solve a complex interdisciplinary design problem. The project is completed by a team of students from at least two different departments in Gina Cody School of Engineering and Computer Science. The project must provide clear goals for each discipline-specific task and each student must have sufficient exposure to subjects in their program of study. Student eligibility and project topics for this course are subject to approval by the ENGR 490 Design Committee, which includes a member from each department in Gina Cody School of Engineering and Computer Science that offers undergraduate programs. This committee vets each project to ensure the clarity and scope of the goals and its relevance to the learning outcomes of students from each discipline. The project is carried out over both fall and winter terms. Students are expected to provide a preliminary project proposal, a progress and a final report (as a group); take part in group discussions in audit sessions during the design phase; and participate in a poster session involving individual oral presentations at the end of the winter term. In addition to the technical aspects, students are expected to learn how to evaluate their designs for compliance to regulations, environmental and societal expectations and economic issues. Students learn how to work in a multidisciplinary environment and receive exposure to

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Present Text (from 2021) calendar	Proposed Text
exposure to entrepreneurial skills.	entrepreneurial skills.
Component(s):	*Component(s):*
Lecture (1 hour per week, two terms) ; Laboratory (Equivalent time, 3 hours per week, two terms)	Lecture (1 hour per week, two terms) ; Laboratory (Equivalent time, 3 hours per week, two terms)
Notes :	*Notes :*
Other note : Students work in groups under direct supervision of a faculty member.	**Other note :** Students work in groups under direct supervision of a faculty member.

Rationale:

The workload for this course is quite high and the current credit weight (4 credits) does not reflect the true workload. The course credits should be increased to 6 credits to better reflect the actual workload. This was recommended by the visitors of the Canadian Engineering Accreditation Board visitors during their last visit.

Impacted program: This course is listed in the BCompSc in Computer Science, Computer Science Electives, so the course credit weight must be changed in that list.

Resource Implications:

None.

Impact Report

Programs

BEng in Building Engineering
Source of Impact

- ENGR 490

BEng in Civil Engineering
Source of Impact

- ENGR 490

Defined Groups

Aerospace Engineering Core
Source of Impact

- ENGR 490

Building Engineering Core
Source of Impact

- ENGR 490

Civil Engineering Core
Source of Impact

- ENGR 490

Computer Engineering Core
Source of Impact

- ENGR 490

Computer Science Electives
Source of Impact

- ENGR 490

Electrical Engineering Core
Source of Impact

- ENGR 490

Industrial Engineering Core
Source of Impact

- ENGR 490

Kaié:ri Nikawerà:ke Indigenous Bridging Program New
Source of Impact

Mechanical Engineering Core
Source of Impact

- ENGR 490

Natural Science Electives New
Source of Impact

Courses

ENGR 490
Source of Impact

- ENGR 490

Other Units

Addition of **Section 14.2.3 Gina Cody School of Engineering and Computer Science** to **Alternative Entry Programs** requirement
Source of other unit Impact

- Heading is housed in Mature Entry

Addition of **BIOL 201** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.030 Department of Biology

Addition of **BIOL 202** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.030 Department of Biology

Addition of **BIOL 206** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.030 Department of Biology

Addition of **BIOL 261** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.030 Department of Biology

Addition of **BIOL 266** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.030 Department of Biology

Addition of **GEOL 206** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.130 Department of Geography, Planning and Environment

Addition of **GEOL 208** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.130 Department of Geography, Planning and Environment

Addition of **PHYS 206** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 252** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 260** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 273** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 284** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 367** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 385** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 443** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 445** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **CHEM 206** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.050 Department of Chemistry and Biochemistry

Addition of **CHEM 217** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.050 Department of Chemistry and Biochemistry

Addition of **CHEM 221** to **Natural Science Electives** requirement
Source of other unit Impact

- Course is housed in Section 31.050 Department of Chemistry and Biochemistry

Addition of **BIOL 202** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.030 Department of Biology

Addition of **PHYS 204** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 205** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 224** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 224** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 225** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **PHYS 225** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.230 Department of Physics

Addition of **MATH 203** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.200 Department of Mathematics and Statistics

Addition of **MATH 204** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.200 Department of Mathematics and Statistics

Addition of **MATH 205** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 31.200 Department of Mathematics and Statistics

Addition of **ENCS 272** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **ENCS 272** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **ENCS 282** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in Section 71.60 Engineering Course Descriptions

Addition of **UNSS 200** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in University Skills

Addition of **UNSS 200** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in University Skills

Addition of **UNSS 201** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in University Skills

Addition of **UNSS 201** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in University Skills

Addition of **Humanities General Education Electives for Engineering and Computer Science Students** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Defined group is housed in Section 71.110 Complementary Studies for Engineering and Computer Science Students

Addition of **Social Sciences General Education Electives for Engineering and Computer Science Students** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Defined group is housed in Section 71.110 Complementary Studies for Engineering and Computer Science Students

Addition of **Other Complementary Studies General Education Electives for Engineering and Computer Science Students** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Defined group is housed in Section 71.110 Complementary Studies for Engineering and Computer Science Students

Addition of **KNBP 200** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in University Skills

Addition of **KNBP 200** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in University Skills

Addition of **KNBP 201** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in University Skills

Addition of **KNBP 201** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement
Source of other unit Impact

- Course is housed in University Skills

Addition of **Section 14.5 Admission as a Kaié:ri Nikawerà:ke Indigenous Bridging Program Student** to **Kaié:ri Nikawerà:ke Indigenous Bridging Program** requirement

Source of other unit Impact

- Heading is housed in Kaié:ri Nikawerà:ke Indigenous Bridging Program

Section 71.20.2 Alternative Entry Programs

Alternative Entry Programs

The Gina Cody School of Engineering and Computer Science offers three additional paths for students to pursue their engineering degrees:

Extended Credit Program

Mature Entry Program (see Section 14.2.3 Gina Cody School of Engineering and Computer Science for details)

Kaié:ri Nikawerà:ke Indigenous Bridging Program

Extended Credit Program

Students admitted to an Extended Credit Program under the provisions of Section 13.3 Admission Requirements or under Section 13.8 Selection Process and Notification must successfully complete the requirements of a specific program, as set out in Section 71.30 Department of Electrical and Computer Engineering to Section 71.55 Aerospace Engineering and in Section 71.70.9 Degree Requirements for the BEng in Software Engineering , plus the following courses:

- CHEM 205 General Chemistry I (3.00)
- MATH 203 Differential and Integral Calculus I (3.00)
- MATH 204 Vectors and Matrices (3.00)
- MATH 205 Differential and Integral Calculus II (3.00)
- PHYS 204 Mechanics (3.00)
- PHYS 205 Electricity and Magnetism (3.00)

Six credits of Natural Science Electives chosen from the list below.

Six credits chosen from courses in Humanities and Social Sciences. English as a Second Language (ESL) Courses and courses that focus on the acquisition of a language may not be used to meet this requirement.

Students in the Extended Credit Program (ECP) or the Mature Entry Program (MEP) (see Section 14.2 Program Requirements) or any other students who have been assigned credits in Humanities and Social Sciences must select those credits from the two corresponding lists in Section 71.110 Complementary Studies for Engineering and Computer Science Students . Those credits cannot be chosen from the list of Other Complementary Studies.

Natural Science Electives

- BIOL 201 Introductory Biology (3.00)
- BIOL 202 General Biology (3.00)
- BIOL 206 Elementary Genetics (3.00)
- BIOL 261 Molecular and General Genetics (3.00)
- BIOL 266 Cell Biology (3.00)
- CHEM 206 General Chemistry II (3.00)
- CHEM 217 Introductory Analytical Chemistry I (3.00)
- CHEM 221 Introductory Organic Chemistry I (3.00)
- GEOL 206 Earthquakes, Volcanoes, and Plate Tectonics (3.00)
- GEOL 208 The Earth, Moon and the Planets (3.00)
- PHYS 206 Waves and Modern Physics (3.00)
- PHYS 252 Optics (3.00)
- PHYS 260 Introductory Biophysics (3.00)
- PHYS 273 Energy and Environment (3.00)
- PHYS 284 Introduction to Astronomy (3.00)

- PHYS 367 Modern Physics and Relativity (3.00)
- PHYS 385 Astrophysic (3.00)
- PHYS 443 Quantitative Human Systems Physiology (3.00)
- PHYS 445 Principles of Medical Imaging (3.00)

Kaié:ri Nikawerà:ke Indigenous Bridging Program

The Kaié:ri Nikawerà:ke Indigenous Bridging Program is offered to eligible Indigenous students, specifically First Nations, Métis and Inuit peoples whose communities are located in Canada, who do not meet the normal admission requirements. Students will acquire the prerequisite courses and skills in order to access and transition into the undergraduate program of their choice at Concordia University. For the admissions criteria, please see Section 14.5 Admission as a Kaié:ri Nikawerà:ke Indigenous Bridging Program Student.

Please see the Kaié:ri Nikawerà:ke Indigenous Bridging Program website for more information.

Requirements

Students should follow the course sequence outlined below. Failure to do so may result in difficulty transitioning into the undergraduate program of choice (BEng).

Kaié:ri Nikawerà:ke Indigenous Bridging Program (36 credits)

30 credits:

- KNBP 200 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I (1.50)
- KNBP 201 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II (1.50)
- UNSS 200 Self-Management Strategies (1.50)
- UNSS 201 Successful Study Strategies (1.50)
- ENCS 272 Composition and Argumentation for Engineers (3.00)
- ENCS 282 Technical Writing and Communication (3.00)
- BIOL 202 General Biology (3.00)
- MATH 203 Differential and Integral Calculus I (3.00)
- MATH 204 Vectors and Matrices (3.00)
- MATH 205 Differential and Integral Calculus II (3.00)
- PHYS 204 Mechanics (3.00)
- PHYS 205 Electricity and Magnetism (3.00)
- PHYS 224 Introductory Experimental Mechanics (1.00)
- PHYS 225 Introductory Experimental Electricity (1.00)

Note: PHYS 224 and PHYS 225 are optional. Students should meet with the Program Coordinator prior to enrolling.

3 credits chosen from the Humanities General Education Electives for Engineering and Computer Science Students or the Social Sciences General Education Electives for Engineering and Computer Science Students . Courses from the Other Complementary Studies General Education Electives for Engineering and Computer Science Students cannot be used to satisfy this requirement

3 credits chosen from the Natural Science Electives

Note: The following courses cannot be used for credit in any Gina Cody School degree or certificate program:

- KNBP 200 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I (1.50)
- KNBP 201 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II (1.50)
- UNSS 200 Self-Management Strategies (1.50)
- UNSS 201 Successful Study Strategies (1.50)
- ENCS 272 Composition and Argumentation for Engineers (3.00)

Undergraduate Program Regular Curriculum Change - UNVSKIL-UNVSKIL-5141 - VERSION : 2

Summary and Rationale for Changes

Many Indigenous students face educational barriers that hinder access to post-secondary education, including inequitable educational opportunities and a lack of resources. Kaié:ri Nikawerà:ke Indigenous Bridging Program addresses this by providing access to undergraduate studies to Indigenous students who may not meet the normal admissions requirements. Throughout the program, students will be immersed in opportunities to develop the foundational skills and build a supportive network for long-term success. The Kaié:ri Nikawerà:ke Indigenous Bridging Seminars will provide a culturally safe space for students to foster a sense of community with an Indigenous facilitator who will act as a mentor. During the seminars, students' needs will be addressed and any academic, personal, and cultural supports will be provided as students transition to university and city life. Students will reflect on their growth and share their journey, building their leadership skills and making connections back to their community.

This dossier is associated with other dossiers for Kaié:ri Nikawerà:ke Indigenous Bridging Program, including: OOTR-OOTR-5138 and GCS-GCS-101.

Summary of Changes (Undergraduate Program Regular Curriculum Change)

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
KNBP 200 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I New	X	X	X	X	X	X	X	X	X	
KNBP 201 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II New	X	X	X	X	X	X	X	X	X	

Regulation Changes:

- Notes New

REGULATIONS CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Kaié:ri Nikawerà:ke Indigenous Bridging Program Seminar Courses - Section 26

Calendar Section Name: Notes
Calendar Section Type: Regulation
Description of Change: Notes New

Proposed: Undergraduate Curriculum Changes

Faculty/School: University Skills

Department: University Skills

Calendar publication date: 2023/2024/Summer
Type of change: New Regulation

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 26 University Skills > University Skills > Kaié:ri Nikawerà:ke Indigenous Bridging Seminar Courses

Present Text (from 2021) calendar	Proposed Text
	Notes The Kaié:ri Nikawerà:ke Indigenous Bridging Program is offered to eligible Indigenous students, specifically First Nations, Métis and Inuit peoples whose communities are located in Canada, who do not meet the normal admission requirements. Students will acquire the prerequisite courses and skills in order to access and transition into the undergraduate program of their choice at Concordia University. The required seminar courses are listed below. For the admissions criteria, please see Section 14 Alternative Entry . Please refer to the Kaié:ri Nikawerà:ke Indigenous Bridging Program website for more information.

Rationale:
A note is included before the course listings for KNBP 200 and 201.

Resource Implications:

D1

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Kaié:ri Nikawerà:ke Indigenous Bridging Program Seminar Courses - Section 26

Calendar Section Name: KNBP 200
Calendar Section Type: Course
Description of Change: KNBP 200 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I New

Proposed: Undergraduate Curriculum Changes

Faculty/School: University Skills

Department: University Skills

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 26 University Skills > University Skills > Kaié:ri Nikawerà:ke Indigenous Bridging Seminar Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	KNBP 200 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I (1.5 credits)
Prerequisites:	*Prerequisites:* Enrolment in the Kaié:ri Nikawerà:ke Indigenous Bridging Program is required.
Description :	*Description :* This seminar course provides a safe space and fosters a sense of community amongst students in the Kaié:ri Nikawerà:ke Indigenous Bridging Program . Students' needs are addressed by exploring themes that focus on their academic, cultural, and holistic well-being, such as school-life balance, meditation, and financial literacy. Students gain access to resources and develop the skills for long-term success during their time at Concordia University. The seminar offers experiential learning opportunities through various centres, including the Otsenhákta Student Centre . An Indigenous facilitator leads the seminar and mentors students.
Component(s):	*Component(s):* Seminar
Notes :	*Notes :*
Other note :	**Other note :** This course does not count for credit in any University program.
Non-standard assessment note :	**Non-standard assessment note :** This course is assessed on a pass/fail basis.

Rationale:
This seminar course is part of the Kaié:ri Nikawerà:ke Indigenous Bridging Program to foster a sense of community and offer students a culturally safe space with support as they transition into the university setting.

Resource Implications:
The program, and the seminar, is part of the Student Success Centre.

D3

COURSE CHANGE FORM

Dossier Type: Undergraduate Program Regular Curriculum Change
Dossier Title: Kaié:ri Nikawerà:ke Indigenous Bridging Program Seminar Courses - Section 26

Calendar Section Name: KNBP 201
Calendar Section Type: Course
Description of Change: KNBP 201 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II New

Proposed: Undergraduate Curriculum Changes

Faculty/School: University Skills

Department: University Skills

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 0001
Effective/Push to SIS date: 01 Jan 0001
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > University Regulations and Services > Section 26 University Skills > University Skills > Kaié:ri Nikawerà:ke Indigenous Bridging Seminar Courses

Type of Change: New Course

Present Text (from 2021) calendar	Proposed Text
	KNBP 201 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II (1.5 credits)
Prerequisites:	*Prerequisites:* Enrolment in the Kaié:ri Nikawerà:ke Indigenous Bridging Program is required. The following course must be completed previously: KNBP 200 . If prerequisites are not satisfied, permission of the Program Coordinator is required.
Description :	*Description :* This seminar course continues to build community amongst students in the bridging program. The seminar addresses students' needs by further exploring themes introduced in KNBP 200 focused on students' academic, cultural, and holistic well-being, such as self-care strategies, growth mindset, and connections to community. The seminar provides both in-class and experiential learning opportunities for students to continue developing skills for long-term success. An Indigenous facilitator leads the seminar and mentors students.
Component(s):	*Component(s):* Seminar
Notes :	*Notes :*
Other note :	**Other note :** This course does not count for credit in any University program.
Non-standard assessment note :	**Non-standard assessment note :** This course is assessed on a pass/fail basis.

Rationale:
This seminar course is part of the Kaié:ri Nikawerà:ke Indigenous Bridging Program to foster a sense of community and offer students a culturally safe space with support as they transition into the university setting.

Resource Implications:
The program, and the seminar, are hosted via the Student Success Centre.

D4

D5

Impact Report

Courses

KNBP 200 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I New
Source of Impact

KNBP 201 Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II New
Source of Impact

Other Units

Addition of **Kaié:ri Nikawerà:ke Indigenous Bridging Program** to **KNBP 200** requirement
Source of other unit Impact

- Sub Section is housed in Kaié:ri Nikawerà:ke Indigenous Bridging Program

Addition of **Kaié:ri Nikawerà:ke Indigenous Bridging Program** to **KNBP 200** requirement
Source of other unit Impact

- Sub Section is housed in Kaié:ri Nikawerà:ke Indigenous Bridging Program

Addition of **Kaié:ri Nikawerà:ke Indigenous Bridging Program** to **KNBP 201** requirement
Source of other unit Impact

- Sub Section is housed in Kaié:ri Nikawerà:ke Indigenous Bridging Program

Addition of **Section 14 Alternative Entry** to **Notes** requirement
Source of other unit Impact

- Section is housed in Section 14 Alternative Entry

Addition of **Kaié:ri Nikawerà:ke Indigenous Bridging Program** to **Notes** requirement
Source of other unit Impact

- Sub Section is housed in Kaié:ri Nikawerà:ke Indigenous Bridging Program

Kaié:ri Nikawerà:ke Indigenous Bridging Program

(Pronounced: Gaa-Yay-Ree Knee-Gaa-Way-Raa-Geh)

KNBP 200: Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I
Fall 2023

Basic Information:

- **Title of Course:** Kaié:ri Nikawerà:ke Indigenous Bridging Seminar I
- **Course number:** KNBP 200
- **Date (term and year):** Fall 2023
- **Instructor:** TBD
- **Class time and location:** TBD
- **Time commitment for the course:** 75 minutes per week
- **Number of credits:** 1.5 complementary credits

Course Description:

This seminar course provides a safe space and fosters a sense of community amongst students in the Kaié:ri Nikawerà:ke Indigenous Bridging Program. Students' needs are addressed by exploring themes that focus on their academic, cultural, and holistic well-being, such as school-life balance, meditation, and financial literacy. Students gain access to resources and develop the skills for long-term success during their time at Concordia University. The seminar offers experiential learning opportunities through various centres, including the Otsenhákta Student Centre. An Indigenous facilitator leads the seminar and mentors students.

Note: This course does not count for credit in any University program. This course is marked on a pass/fail basis.

Prerequisite/Corequisite: Enrolment in the Kaié:ri Nikawerà:ke Indigenous Bridging Program is required.

Seminar Goals:

- provide a safe space for students
- build a sense of community
- form positive and lasting relationships

Learning Outcomes:

- Develop skills necessary for success during university studies, including both academic and personal skills
- Identify various resources on and off campus that support academic, personal, and social needs

Proposed Assessment of Learning:

1. Self-Reflection on Experiential Learning Opportunities
   Students will participate in OSC events, which will be an essential part of this assignment. Students will reflect on how the OSC events contributed to their overall experience at the university and how it may have contributed towards building a sense of community.

2. Challenge & Resolution
   Students will write about a challenge (ex: moving to Montreal; landlord issue; language barrier; etc.) that they may be faced with and how they plan to overcome it. Students will later reflect upon what they did to overcome that challenge and any helpful resources.

3. Photo Diary & Sharing Circle
   Students will document their experience throughout the semester. They will choose between 12-15 images that represent their personal and/or academic journey throughout the semester and share with the class.

Kaié:ri Nikawerà:ke Indigenous Bridging Program

(Pronounced: Gaa-Yay-Ree Knee-Gaa-Way-Raa-Geh)

KNBP 201: Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II
Winter 2024

Basic Information:

- **Title of Course:** Kaié:ri Nikawerà:ke Indigenous Bridging Seminar II
- **Course number:** KNBP 201
- **Date (term and year):** Winter 2024
- **Instructor:** TBD
- **Class time and location:** TBD
- **Time commitment for the course:** 75 minutes per week
- **Number of credits:** 1.5 complementary credits

Course Description:

This seminar course continues to build community amongst students in the Kaié:ri Nikawerà:ke Indigenous Bridging Program. The seminar addresses students' needs by further exploring themes introduced in KNBP 200 focused on students' academic, cultural, and holistic well-being, such as self-care strategies, growth mindset, and connections to community. The seminar provides both in-class and experiential learning opportunities for students to continue developing skills for long-term success. An Indigenous facilitator leads the seminar and mentors the students.

Note: This course does not count for credit in any University program. This course is marked on a pass/fail basis.

Prerequisite/Corequisite: Enrolment in the Kaié:ri Nikawerà:ke Indigenous Bridging Program is required. The following course must be completed previously: KNBP 200. If prerequisites are not satisfied, permission of the Program Coordinator is required.

Seminar Goals:

- provide a safe space for students
- build a sense of community
- form positive and lasting relationships

Learning Outcomes:

- Develop skills necessary for success during university studies, including both academic and personal skills
- Identify various resources on and off campus that support academic, personal, and social needs

Proposed Assessment of Learning:

1. Goal Setting & Strategies Assignment
   Students will set a goal (personal or academic) and devise strategies/processes to meet their goal. Students will revisit their goal-setting during the semester to revise strategies, if needed. Students will outline any resources that may help them in achieving their goal.

2. Community Connection Assignment/Reflection
   Students will create a connection back to their community with the purpose to share their experiences in the bridging program. The aim is for students to share and develop their leadership skills by reflecting on their progress and how it may be impactful for other community members. Students can include any resources, on or off campus, that they found useful and drew upon for support throughout the year.

3. Photo Diary & Sharing Circle – continued from the Fall seminar
   Students will continue to document their experience throughout the semester. At the end of the winter semester, students will share their overall journey and their personal and/or academic growth with artifacts/images collected throughout both semesters.

SENATE
OPEN SESSION
Meeting of December 16, 2022

AGENDA ITEM: Academic Programs Committee – Report and Recommendation - Microprogram in Fundamentals of Digital Filmmaking under the Mel Hoppenheim School of Cinema (FA-CINE-4461)

ACTION REQUIRED: For approval

SUMMARY: Senate is being asked to approve a new microprogram in Fundamentals of Digital Filmmaking.

BACKGROUND:

The proposed Microprogram in Fundamentals of Digital Filmmaking is a 9-credit undergraduate microprogram to be taught in the summer semester of every academic year.

This microprogram will be hosted by the Mel Hoppenheim School of Cinema and will address practical and creative aspects of filmmaking. This aims to teach students fundamental skills, including the process of producing a short movie according to students' articulation of their distinct creative voice while developing artistic skills and aesthetic judgment.

The microprogram is in line with the School's commitment to creating programs relevant to a broad cross-section of Montreal artists, as well as other engaged citizens across Canada.

DRAFT MOTION: Following recommendation of the Academic Programs Committee, the Senate approve the microprogram in Fundamentals of Digital Filmmaking under the Mel Hoppenheim School of Cinema (FA-CINE-4461) as detailed in the attached document.

PREPARED BY:

Name: Karan Singh
Date: December 9, 2022

New Undergraduate Program (Regular Process) - FA-CINE-4461 - VERSION : 9

Summary and Rationale for Changes

The proposed Microprogram in Fundamentals of Digital Filmmaking is a 9-credit undergraduate microprogram to be taught in the summer semester of every academic year. This microprogram will be hosted by the Mel Hoppenheim School of Cinema and will address practical and creative aspects of filmmaking. This aims to teach students fundamental skills, including the process of producing a short movie according to students' articulation of their distinct creative voice while developing artistic skills and aesthetic judgment. The microprogram is in line with the School's commitment to creating programs relevant to a broad cross-section of Montreal artists, as well as other engaged citizens across Canada.

Our program is designed to mesh the needs of adult and lifelong learners with the unique environment of the filmmaking industry, and includes several innovative elements, including opportunities for cohort building, learning by doing, and the development of employability-boosting skills. From the start we will actively recruit a diverse student base (e.g. mid-career workers, adult learners, and other non-traditional students), through years two to five, we will consider options for offering the courses in a blended format with the aim of maximizing both accessibility and industry relevance. This model will be developed to make every possible allowance for students who have work or family responsibilities.

This program is perfectly placed to provide the targeted upskilling opportunities demanded by the filmmaking industry (fiction filmmaking, documentary filmmaking, etc.), as well as offer students a more targeted path into employment. This program is one of several curriculum proposals approved [Senate ID: US-2021-3-D7] and upcoming at both undergraduate and graduate levels that form the basis of the Schools' ambitious "Cinema Expansion" project, whereby the Film Production area will triple the number of students admitted by 2024.

This microprogram will complement the BFA program by providing an alternative education pathway for many students and cultural workers unable to commit to a full bachelor's degree in film production and seeking to enter or re-qualify in the film industry. In addition, the new microprogram's industry-tied model makes it ideal as a possible component of future stackable programs both within and beyond the Mel Hoppenheim School of Cinema.

Our intention is to expand in-house learning opportunities designed for non-traditional students by building upon existing programs. The microprogram will be taught by the same faculty who teach in the BFA, and will capitalize on existing student-support resources.

Summary of Committee Discussion: Faculty Council Approval

For Submission to:

Dr. Sandra Gabriele, Vice-Provost, Innovation in Teaching and Learning,
Academic Programs Meeting, 18 Nov 2022

Approved by:

Dr. Annie Gerin, Dean, Faculty of Arts,
Faculty Council, 14 Oct 2022

The Faculty of Fine Arts Council has reviewed and approved on October 14, 2022 the creation of this microprogram in the CINE-4461 curriculum dossier from the Department of Cinema.

We hereby submit this dossier for review by the Academic Programs Committee on November 18, 2022.

There are limited resource implications.

Summary of Committee Discussion: Faculty Curriculum Approval (FCC/FAPC)

For Submission to:

Dr. Annie Gerin, Dean, Faculty of Fine Arts,
Faculty Council, 14 Oct 2022

Approved by:

Dr. Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy, Office of the Dean, Faculty of Fine Arts,
Faculty Curriculum Committee, 07 Sep 2022

The Faculty of Fine Arts Curriculum Committee has reviewed and approved on September 7, 2022 the creation of this microprogram in the CINE-4461 curriculum dossier from the Department of Cinema.

We hereby submit this dossier for review by the Faculty Council on October 14, 2022.

There are limited resource implications.

Summary of Committee Discussion: Department approval

For Submission to:

Dr. Elaine Cheasley Paterson, Associate Dean, Academic Programs and Pedagogy, Office of the Dean, Faculty of Fine Arts,
Faculty Curriculum Committee, 07 Sep 2022

Approved by:

Dr. Martin Lefebvre, Chair of the School of Cinema,
Department Council, 19 Nov 2021

The Cinema Department Curriculum Committee and Department Council reviewed and approved the creation of this microprogram on November 15th and November 19th, 2021.

NEW PROGRAMS PROPOSAL – FAST-TRACK PROCESS

GENERAL INFORMATION

Name of Proposed Program and Nomenclature:	Microprogram in Fundamentals of Digital Filmmaking
Hosting unit(s):	Mel Hoppenheim School of Cinema
Proposed Start Date:	May 2023
Prepared by:	Jean-Claude Bustros, Dalia Radwan, Michael Yaroshevsky, and Ria Rombough
Dean Signature(s):	
Date:	December 14, 2021

PROPOSED PROGRAM INFORMATION

1. Program Description

The proposed **Microprogram in Fundamentals of Digital Filmmaking** is a 9-credit undergraduate microprogram to be taught in-person in the summer semester of every academic year. This microprogram will be hosted by the Mel Hoppenheim School of Cinema, and will address practical and creative aspects of filmmaking. This aims to teach students fundamental skills, including the process of producing a short movie according to students' articulation of their distinct creative voice and while developing artistic skills and aesthetic judgment. The microprogram is very much in line with the School's commitment to creating programs relevant to a broad cross-section of Montreal artists, as well as other engaged citizens across Canada. This microprogram constitutes the second phase in the creation of a larger program that allows students to combine 3 or 4 predetermined microprograms. The combination of these qualifications would form the requirements for a full 30-credit Undergraduate Certificate in Film Production.

In a world of rapidly changing labour market realities and a shifting job market, governments, employers, and employees all understand the importance of both upskilling and reskilling. In June 2019, the Government of Canada signed two agreements with the Government of Québec to provide the province with nearly $5.4 billion to invest in its

workers and businesses.[1] This funding is committed until 2022–23 and gives an estimated 240,000 Québec workers an opportunity to benefit from skills training programs designed to transition them into the job market, gain access to new career opportunities, or maintain their employment. For this matter, the Mel Hoppenheim School of Cinema has been working jointly with the Government of Québec to improve access to its programs for cultural workers seeking to re-qualify in the film industry.

We had a meeting with the Labor minister, Jean Boulet and several members of his cabinet in March 2021 during which time we discussed the expansion of our programs in order to respond to the shortage of workforce in the cinema industry (the School's "Cinema Expansion" project). We also met with the deputy minister, chief of staff, and special aid of the ministry of Culture and Communications in September and November 2021 when it was made clear to us that Concordia's partnership with the government in developing various new program offerings was a key element in addressing the labor shortage and making sure that Québec would be ready to take advantage of the considerable growth occurring in the film/television industry.

According to the Québec Film and Television Council, the film production industry in Québec has been growing steadily in recent years and is projected to maintain this trend well into the new decade (with 2020 being a noted outlier due to the pandemic)[2]. The government of Québec offers tax incentives to attract foreign productions, which will likely have a positive impact on employment prospects in the region. Continued growth in the film production industry is also forecast for the rest of Canada as well as the US market. Results of recent research examining job prospects for film production professionals showed that the industry tends to seek candidates from non-traditional career paths who do not necessarily possess a university or college degree[3]. Given the state of the industry, and the fact that both the federal and provincial governments incentivize skills training programs to help Quebecers access to new career opportunities, Concordia could substantially benefit Quebecers and Canadians by launching a targeted, short-term, and highly focused microprogram that aligns with the skills most in-demand by the filmmaking industry. This program would be perfectly placed to provide the targeted upskilling opportunities demanded by the filmmaking industry (fiction filmmaking, documentary filmmaking, etc.), as well as offer students a more targeted path into employment. This microprogram is one of several curriculum proposals approved [Senate ID: US-2021-3-D7] and upcoming at both undergraduate and graduate levels that form the basis of the School's ambitious "Cinema Expansion" project.

2. Target Audience

Adult learners, mid-career professionals, and lifelong learners represent an important demographic to universities and colleges across Canada. The proposed **Microprogram in Fundamentals of Digital Filmmaking** will offer candidates from non-traditional career paths, who do not necessarily possess a university or college degree, the opportunity to pursue short-term, highly focused, stackable micro-credentials and gain the core

[1] https://www.newswire.ca/news-releases/governments-of-canada-and-quebec-announce-agreements-to-help-canadians-quebecers-and-quebec-businesses-better-adapt-to-new-labour-market-realities-874834378.html
[2] Film Production Industry Report. Business Intelligence Service, Office of AVP Lifelong Learning, Concordia University, November 2020.
[3] Film Production Industry Report. Business Intelligence Service, Office of AVP Lifelong Learning, Concordia University, November 2020.

competencies and skills required to start a film career. Upon successful completion of the program, applicants will be able to explore possibilities for entry level roles in the industry. These opportunities may include:

- Trainee Camera Assistant
- Camera Operator
- Junior Electric
- Junior Grip
- Assistant Sound Editor
- Assistant Picture Editor (video editor)
- Audio and Video Recording Technician
- Trainee Assistant Director
- Assistant Producer

With a logical path leading to more advanced roles, including:

- Gaffer/Chief Electric
- Director of Photography
- Key Grip
- 1st Camera Assistant

Admission Requirements

The Mel Hoppenheim School of Cinema will admit fifteen (15) applicants into the proposed Microprogram in the first year. We would like to have a first run at this program with a repeat in the following year before considering adding more sections. This will largely depend on our capacity in the future, to support more than one section. Up to 45 students could be accepted in the future with adequate office and technical support staff.

Applications are open to Canadian Citizens and Permanent Residents. The application consists of a letter of intent (maximum 500 words) explaining their reasons for applying to the program, summarizing their goals, and mentioning any prior academic or work experience in the film industry. Applicants will be chosen based on their interest in filmmaking and with a view to building a diverse cohort with representation from diverse backgrounds, personal and professional experience, academic profile and varied skillsets. Selection for the program will be made by faculty in the Film Production program.

This program is given entirely in English. As such, candidates must have a good knowledge of the English language.

International students are not eligible for this microprogram.

It is important to note that this program is not an alternative pathway through Concordia's BFA in Film Production. Students who have completed this microprogram and seek admission to the BFA will have to follow the regular application process already in place. Admissions to the microprogram does not guarantee University entry to any degree program or other certificate. Future applications to a degree program or regular certificate must meet with Concordia's minimum entry requirements. However, should students who have successfully completed the microprogram be accepted in a Mel Hoppenheim School of Cinema BFA program through the regular admissions process, credits for courses taken as part of this microprogram will be transferable as applicable.

3. Curriculum:

The proposed **Microprogram in Fundamentals of Digital Filmmaking** will cover the basics of professional film production. By asking each student to produce a short movie, the program will provide broad and essential knowledge of film language, aesthetics, and technology. Over the course of the program, students will consider different approaches to filmmaking and will be introduced to the fundamentals of idea development, planning, and execution. Students will also utilize a variety of tools and technologies, including professional digital cameras, sound recorders, lighting and gripping equipment, and editing software.

They will gain core skills in visual acquisition,[4] understanding and manipulation of lighting, audio recording, editing and postproduction. All these core competencies are put in practice in the making of individual projects that allow them to discover the dynamics of collaboration and group work and how the various roles of a production interact with one another.

Program Learning Outcomes

The program's learning outcomes are listed below. By the end of the microprogram, each student will be able to:

1. Respond critically to cinematic works based upon aesthetic, cultural & social considerations;
2. Put into practice basic competencies in the proper use and function of film equipment;
3. Apply theoretical and disciplinary tools and techniques in the conception and production of a five-minute film;
4. Gain the core competencies and skills required to start a film career.

Curriculum Map

The proposed **Microprogram in Fundamentals of Digital Filmmaking** will be comprised of two intensive courses completed over (12) weeks, starting May 2023. Filmmaking I (FMPR 231) will run concurrently with Image I (FMPR 338) to introduce students to the different stages of filmmaking while they are building core skills in utilizing professional digital tools (e.g. sound recorders, cameras, and lighting and gripping equipment).

In week five, students will start developing a five-minute film, which serves as the program's capstone project. In the last week of the program, students will develop skills for critiquing and evaluating the formal and contextual aspects of a cinematic work, learn the key stages of picture and sound mastering, and understand essential steps in distributing and presenting a short film.

[4] By "visual acquisition" we mean developing an "eye" for image composition in framing, for color coordination inside the frame, for lighting, for visual rhythm in movement (both camera movement and movement inside the frame) and editing.

The rationale for offering Image I (FMPR 338), normally a 2nd-year course in our BFA program, in conjunction with Filmmaking I (FMPR 231), normally a 1st-year course in our BFA, is based on the essential knowledge-base that the Image I course imparts to students wishing to pursue a career in the film industry. By taking Image I, students in the microprogram will learn how to operate professional-grade cameras and lighting gear (including safety training with gripping and electricity). They will learn all the fundamentals of cinematography. In Filmmaking I students will shoot films and also learn the basic crafts of sound recording as well as image and sound editing.

The program will also require mandatory online tutorials attended outside of class time (e.g. Avid Video Editing and ProTools sound editing Software).

The structure and duration of the microprogram will allow students to complete the program over the summer. Students will be asked to adhere to the proposed course sequence as shown in the following table.

Note that prerequisites for FMPR 231 and FMPR 338 will be edited to include "or enrolment in the Microprogram in Fundamentals of Digital Filmmaking" to ensure students enrolled in the microgram will have access to the courses.

Number of credits	Course code and number	Course title	Prerequisites
6	FMPR 231	Filmmaking I	Enrolment in the Major in Film Production or enrolment in the Specialization in Film Studies and written permission of the School of Cinema.
3	FMPR 338	Image I	FMPR 231, 239; one of FMST 201, 202 or 203; FMST 220.

Course Structure and Learning Outcomes

Note: As per Concordia's Undergraduate Calendar, although the language of instruction is English, most assignments and examinations may be submitted in French.

FMPR 231 –Filmmaking I (6 credits)
Prerequisite: Enrolment in the Major in Film Production; or enrolment in the Specialization in Film Studies and written permission of the School of Cinema.
A comprehensive course introducing students to the art of making motion pictures. This course stresses the individual student's creative efforts and expression through filmmaking. Students are expected to master basic technique and theory. Students use digital resources for acquisition and post-production. The course may require mandatory workshops outside

of class time.
NOTE: Students are required to bear the production costs of all aspects of their course projects and supply their own means of storing media for editing and back-up.[5]

By the end of this course, successful students should be able to:

1. Evaluate and critique existing films in order to understand the historical and theoretical foundation of filmmaking.
2. Understand the critical distinction between image making and sound design that are fundamental to the creative possibilities of cinematic art.
3. Identify individual roles and responsibilities at each stage of the film production process, from development to principal photography, postproduction, and distribution.
4. Apply their newly acquired technical knowledge in order to achieve specific aesthetic and creative results.
5. Collaborate with other colleagues as a team member or a leader of a filmmaking crew.
6. Conceive, prepare, produce, and edit a five-minute film (fiction or documentary) that seeks to develop an individual creative voice.

FMPR 338 –Image I (3 credits)
Prerequisite: Enrolment in the Major in Film Production; FMPR 231, 239; one of FMST 201, 202 or 203; FMST 220; and the following courses to be taken concurrently: FMPR 332, 340.
A comprehensive course on the equipment and technology available to the contemporary filmmaker with a focus on the tools used by students in FMPR 332 Filmmaking II. Present-day technology is explored through the foundations of traditional camera and photographic theory toward an in-depth understanding of digital cinema. Extensive hands-on studio practice provides training in basic camera technique, lighting, and gripping. The course may require mandatory workshops outside of class time.[6]

By the end of this course, successful students should be able to:

1. Be conversant in the fundamental techniques of digital cinematography (e.g. camera theory, light measurement, and colour theory).
2. Recognize the fundamental techniques of audio-recording and sound design.
3. Make a technical assessment of the equipment required to execute an audio-visual production in any format (e.g. short fiction film, documentary, etc.) across each of the main cinematic departments (i.e. sound, camera, electrical, and gripping).
4. Select, assemble, maintain, and safely utilize professional digital tools (e.g. sound recorders, cameras) as well as lighting and gripping equipment.

[5] Note that prerequisites will be edited to ensure students enrolled in the microprogram will have access to the course. See CCMS document attached.
[6] Note that prerequisites will be edited to ensure students enrolled in the microprogram will have access to the course. See CCMS document attached. The reason FMPR 332 is a corequisite for FMPR 338 is because both courses use the same technology (essentially the cameras). This technology will now be introduced in FMPR 231 which explains why the corequisite will be waived. The curriculum of FMPR 231 will remain the same (same academic goals and content), except that the students will be using cameras otherwise reserved for FMPR 332. This is made possible by teaching the microprogram over the summer when the demands for our filmmaking equipment wanes. With the planned expansion in the School's Film Production area slated for 2024, all FMPR 231 students will use the same cameras.

5. Carry out a series of exercises that demonstrate an understanding of the creative use of focal length, screen direction, recording technique, sound design, and larger principles of mise-en-scene and audio-visual conception.

Upon successful completion of the program, we propose that students be awarded an attestation confirming completion of the Microprogram in Fundamentals of Digital Filmmaking. We believe that this program will be most attractive to students if they receive an official transcript from Concordia. If a student interrupts their studies, they would be advised that all remaining courses must be completed within the next term the microprogram is offered, or up to one year from the semester of admission.

Candidates may be encouraged to combine this microprogram with others in the future, such as the Microprogram in Screenwriting and Film Producing (https://www.concordia.ca/finearts/cinema/programs/screenwriting-and-film-producing.html) as well as other programs offered outside the Mel Hoppenheim School of Cinema. The resulting skill diversity will allow students to qualify for more positions, and offer wider opportunities at employment or promotion in the film industry.

Our program is designed to mesh the needs of adult and lifelong learners with the unique environment of the filmmaking industry, and includes several innovative elements, including opportunities for cohort building, learning by doing, and the development of employability-boosting skills.

From the first year we will actively recruit a diverse student base (e.g. mid-career workers, adult learners, and underrepresented racial/ethnic groups) through the implementation of a targeted advertising campaign over the coming years. Through years two to five, we will consider options for offering the courses in a blended format with the aim of maximizing both accessibility and industry relevance. This model will be developed to make every possible allowance for students who have work or family responsibilities.[7]

4. Demand and Societal Need:

A massive, emerging cohort of mid-career workers are currently seeking learning opportunities to help them either retain jobs or transition into new careers.[8] A 2020 survey conducted for Higher Education Strategy Associates estimated the market for new micro-credential programs at over seven million Canadians.[9] Concordia University is positioned to be a leading source of microprograms that meet these needs, providing adult learners with flexibility, brevity and specificity in developing new skills.

Micro-credentials are gaining relevance in the Canadian job market by offering an on-ramp that identifies and meets specific learning needs in a variety of fast-moving industries. Both academic and non-university organizations now frequently break learning down into small, rapidly-digestible microprograms, and stackable degrees.

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[7] Daniel Munro, "Skills, Training and Lifelong Learning," Public Policy Forum, March 2019. https://ppforum.ca/wp-content/uploads/2019/03/SkillsTrainingAndLifelongLearning-PPF-MARCH2019-EN.pdf.
[8] Desire2Learn, "The Future of Lifelong Learning," 2020. https://www.d2l.com/wp-content/uploads/2020/02/Future-of-Lifelong-Learning-D2L-2020-Digital-Edition.pdf.
[9] As cited in ONTARIO 360: A Lifelong Learning Strategy for Ontario. https://on360.ca/policy-papers/a-lifelong-learning-strategy-for-ontario/#_edn15

Quebec's filmmaking industry has seen phenomenal growth in production volume in recent years. The provincial government offers tax incentives to attract foreign productions, and Hollywood films shot in Quebec include *Arrival* (2016), *Mother* (2017), *X-Men: Dark Phoenix* and *Midway*, (2019), *Fatherhood* (2020), *Transformers: Rise of the Beasts* and *MoonFall* (forthcoming 2022) as well as several series such as *Quantico* (2015-18), Tom Clancy's *Jack Ryan* (2018 -), etc. Many U.S. film and TV productions have recently been granted permission to resume filming in Quebec, provided they adhere to government health and safety guidelines for COVID-19. The Province has also implemented a $51 million program to support its home-grown film and TV industry[10], which is slowly resuming to normal after the coronavirus forced productions to stop. A new program at the Mel Hoppenheim School of Cinema would further contribute to the economic recovery of post-pandemic Quebec, as well as to the diversification of its workforce.

The fluid state of the film industry, its changing workforce, recent government incentives, and the ever-growing demand for new media content all require a continuous influx of highly skilled workers. Concordia University has a golden opportunity to respond to these emerging needs in artistic and cultural labour by moving beyond traditional programs to embrace short, flexible, and industry-tied learning models like the Microprogram in Fundamentals of Digital Filmmaking.

5. Institutional Fit:

The proposed microprogram is central to Concordia's Next-Generation Learning Project, and is one of five transformation projects in Concordia's Strategic Directions Initiative. The Next-Generation Learning Project seeks to provide inclusive access to students who need flexible, lifelong learning opportunities. The Project also encourages the creation of skill-oriented programs designed to help students develop in-demand skills in order to secure work in filmmaking and professional advancement.

The proposed microprogram also builds on Concordia's efforts to create more relevant and forward-looking program offerings, and to address the evolving needs of adult learners. Through incremental changes and small interventions (including this proposed microprogram), Concordia will be able to deliver next-generation educational options that connect students directly to rapidly changing professional environments.

This proposed microprogram comes in the context of a major expansion of the Film Production area of the School of Cinema, whereby the area will triple the number of students admitted by 2024. This expansion answers a call by the industry and by the government for training in film and television production so as to meet industry demands for skilled personnel. In this context, new sections of the courses Filmmaking 1 and Montage 1 were initiated in our Film Production BFA in the Fall of 2021 and a new undergraduate microprogram in Screenwriting was first offered in the summer of 2021. It is being offered again in the Winter of 2022 and in the Summer of 2022. Also being developed at the moment are a 1-year undergraduate Certificate in Filmmaking (30 credits) as well as two graduate Certificates: one in Creative Film producing and one in Screenwriting. Significant curriculum changes in our BFA are also forthcoming. The School of Cinema has been a

[10] https://www.iheartradio.ca/cjad/news/quebec-announces-51-million-to-get-film-sets-rolling-1.12965748

leader in training artists and artisans for the film and television industry in Québec, Canada and abroad for close to 50 years. This expansion will ensure that we continue with our mission and answer the call for a renewed creative workforce for years to come.

6. Program Alignment within Unit

The proposed microprogram builds on pre-existing strengths within the Mel Hoppenheim School of Cinema's academic structure. The school offers a competitive BFA in Film Production; has established filmmakers, media artists, and scholars as instructors and mentors; boasts modern production studios catering to everything from analog techniques to the latest digital technologies; and possesses a wide range of film and digital equipment.[11] Our intention is to expand in-house learning opportunities designed for non-traditional students by building upon existing programs. The microprogram will be taught by the same faculty who teach in the BFA, and will capitalize on existing student-support infrastructure.

Given the success of its current programs, the Mel Hoppenheim School of Cinema is keen to explore novel program design models and tap into new student demographics.

7. Consultation

This microprogram was framed in consultation with the following members within and beyond Concordia University:

Annie Gerin, Dean, Faculty of Fine Arts
Jean-Claude Bustros, Associate Professor, Mel Hoppenheim School of Cinema
Ria Rombough, Departmental Administrator, Mel Hoppenheim School of Cinema
Martin Lefebvre, Professor and Chair, Mel Hopenheim School of Cinema
Dalia Radwan, Curriculum Developer, Centre for Teaching and Learning
Michael Yaroshevsky, Associate Professor, Mel Hoppenheim School of Cinema
Elaine Paterson, Associate Dean, Academic Programmes and Pedagogy, Fine Arts
Marie-Ève Marchand, Facilitator, Academic Affairs, Fine Arts
Sylvie Bourassa, Executive Director, Government Relations, Office of the President
Isabel Dunnigan, Executive Director of Continuing Education
Brigitte Doucet, Conseillère principale, Bureau de la ministre, Ministère de la Culture et des communications
Ian Morissette, Sous ministre adjoint au Ministère de la Culture et des communications
Marie-Josée Lestage, Directrice de Cabinet, Cabinet de la ministre, Ministère de la Culture et des communications
Pierre Moreau, directeur général, Bureau du Cinéma

The Mel Hoppenheim School of Cinema is well known for its high-quality, competitive film production programs. This microprogram will complement the BFA program by providing an alternative education pathway for many students and cultural workers unable to commit to a full bachelor's degree in film production and seeking to enter or re-qualify in the film industry.

In addition, the new microprogram's industry-tied model makes it ideal as a possible component of future stackable programs both within and beyond the Mel Hoppenheim School of Cinema. The creation of this microprogram is therefore a strategic initiative that

[11] https://www.concordia.ca/academics/undergraduate/film-production.html

aligns with the University's plan to introduce stackable microprogram curriculum pathways to students. Finally, because it is offered during the summer, it will place minimal stress on existing resources and on-site facilities otherwise busy during the academic year.

8. Resources and Budget:

Program Year	Academic Year	Total Students Enrolled	Additional Course Sections	TA Hours
Year 1	2023-24	15	2	159
Year 2	2024-25	15	2	159
Year 3	2025-26	15	2	159
Year 4	2026-27	15	2	159
Year 5	2027-28	15	2	159

Additional administrative support needs to manage the admission cycle and student affairs support for this microprogram are minimal (see Appendix 1).

Technical staff support will be needed to support this program, as it will be offered in the summer. Several key technical services staff members are currently on academic-year-only contracts, and those with full-year employment would normally schedule their annual vacation during the summer so as not to interfere with academic-year activities. Some casual hours will be needed to support the activities of the Microprogram (see Appendix 1).

There are no technical equipment resource implications in the short term as we launch the microprogram. During the summer we do not offer any production courses and we can re-allocate the resources used for FMPR 231 and FMPR 338 to the microprogram. Note however that in the long run, additional usage of equipment will translate into greater wear and tear and shortened useful lifespan.

The TA requirements for the microprogram correspond to the normal requirements for the courses being offered. Indeed, normally in Film production a 6-credit course has 106 TA hours, and a 3-credit course 53 hours. TAs will assist instructors in the classroom, visit sets during film shoots, give support with equipment set-up during classes, assist with the Moodle module for the courses, assist instructors with in-class critiques of student work and with grading.

Appendix 1. Administrative & technical staffing needs

Based on our experience with the launch of the Microprogram in Screenwriting and Film Producing (summer 2021), 80 additional hours of casual staff support will be needed for the first year, starting in winter 2023. The cost breaks down as follows: $18/hr x 1.263 benefit rate x 80 hours = $1818. While the admission process will be taken over by central admissions, the School of Cinema will continue to take all of the program inquiries, coach the applicants through the submission process, provide administrative support for the department admission committee, hire the teachers, and provide orientation for the students who won't benefit from the regular new student orientation activities since they are admitted on an unusual timeline.

To support a 15-student cohort of this Microprogram, we would require the following casual technical staff hours:

- a production coordinator approximately 8 hours/week throughout the program (12/13 weeks = approx. 100 hours);
- a part-time replacement depot clerk 14 hours/week for 4 weeks (total of 56 hours)
- a sound mixer for approximately 20 hours
- a part-time replacement post-production coordinator 18 hours/week for 4 weeks (total of 72 hours)

Position	Hourly rate	Hours/week	Total weeks	Total hours	Amount
Production coordinator	$36	8	12-13	100	$3,600
Depot clerk	$26	14	4	56	$1,456
Sound mixer	$45	20	-	20	$900
Post-production coordinator	$34	18	4	72	$2448
Total				248	$8404
Total including benefits (26.30%)					$10,674

Note that it was not possible to detail each position and salary in the attached budget. The total amount paid in salary ($8,404) was entered under one position instead.

In subsequent years, the administrative requirements to support this proposed microprogram, combined with the Microprogram in Screenwriting and Film Producing as well as the other new curricular offerings that comprise the School of Cinema expansion, will be filled by the creation of at least one new full-time department assistant position. One position would need to be in place by early 2023 in order to support the admission cycles associated with programs launching in Fall 2023. The creation of new administrative support positions are being discussed and planned with the Office of the Dean, Fine Arts but are not included in the budget for this microprogram, as this offering alone would not justify the addition of full-time, permanent staff.

Similarly, while the addition of one microprogram enrolling 15 new students will not warrant the conversion of all seasonal technical positions to full-year positions, the microprogram is part of a broader Cinema Expansion project that will add intensive activity to the technical

services area. This context will necessarily warrant an augmentation of the technical services staff complement. These resources will be detailed in the upcoming curriculum proposals for the two graduate certificates, one undergraduate certificate, and changes to the BFA Film Production curriculum planned for 2023-2024. Should the Microprogram in Fundamentals of Digital Filmmaking grow from 15 to 45 students, this will also require the services of all our technical positions (production and post-production specialists) and contribute to the need to convert these from seasonal contracts to full-year ones in the longer term.

Summary of Changes (New Undergraduate Program (Regular Process))

Course Changes:

	Subject Code Change	Catalo-gue Number Change	Title Change	Descrip-tion Code Change	Prerequi-site Change	Note Change (any change to any of the items under "Notes")	Credit Value Change	Compon-ent Change	Mode of Instruct-ion Change	Cross-listed Course Change
FMPR 231 Filmmaking I Change					X					
FMPR 338 Image I Change					X					

Regulation Changes:

- Notes Change

PROGRAM CHANGE FORM

Dossier Type: New Undergraduate Program (Regular Process)
Dossier Title: Microprogram in Fundamentals of Digital Filmmaking

Calendar Section Name: Microprogram in Fundamentals of Digital Filmmaking
Calendar Section Type: Program
Description of Change: Microprogram in Fundamentals of Digital Filmmaking New

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Mel Hoppenheim School of Cinema
Program Name: Microprogram in Fundamentals of Digital Filmmaking
Program Type: Micro Program
Degree: Micro Program

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 2023
Effective/Push to SIS date: 01 Jan 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.60 Mel Hoppenheim School of Cinema > Cinema Programs > Microprograms > Microprogram in Fundamentals of Digital Filmmaking > Program Requirements

Type of Change: New Program

Present Text (from 2021) calendar	**Proposed Text**
credits	**9 credits** Microprogram in Fundamentals of Digital Filmmaking
0	~~0~~ 9 credits: FMPR 231 Filmmaking I (6) FMPR 338 Image I (3)

Rationale:
FMPR 231 and FMPR 338 constitute the 9 credits at the core of this Microprogram in Fundamentals of Digital Filmmaking.

Resource Implications:
None.

REGULATIONS CHANGE FORM

Dossier Type: New Undergraduate Program (Regular Process)
Dossier Title: Microprogram in Fundamentals of Digital Filmmaking

Calendar Section Name: Notes
Calendar Section Type: Regulation
Description of Change: Notes Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Mel Hoppenheim School of Cinema

Calendar publication date: 2023/2024/Summer
Type of change: Regulation Change

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.60 Mel Hoppenheim School of Cinema > Cinema Programs > Microprograms > Microprogram in Fundamentals of Digital Filmmaking

Present Text (from 2021) calendar	Proposed Text
Notes	Notes Students are responsible for fulfilling their particular program requirements; hence, the sequences above must be read in conjunction with Section 81.20 Degree Requirements .

Rationale:
The standard program note has been added to the new program, conforming with entries for all programs in Fine Arts.

Resource Implications:
None.

D2

COURSE CHANGE FORM

Dossier Type: New Undergraduate Program (Regular Process)
Dossier Title: Microprogram in Fundamentals of Digital Filmmaking

Calendar Section Name: FMPR 231
Calendar Section Type: Course
Description of Change: FMPR 231 Filmmaking I Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Mel Hoppenheim School of Cinema

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 2023
Effective/Push to SIS date: 01 Jan 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.60 Mel Hoppenheim School of Cinema > Cinema Courses > Film Production Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FMPR 231 Filmmaking I (6 credits)	FMPR 231 Filmmaking I (6 credits)
Prerequisites:	*Prerequisites:*
Enrolment in the Major in Film ~~Animation;~~ or enrolment in the Specialization in Film ~~Studies~~ and written permission of the Mel Hoppenheim School of Cinema is required.	Enrolment in the Major in Film Production; or enrolment in the Specialization in Film Studies; or enrolment in the Microprogram in Fundamentals of Digital Filmmaking and written permission of the Mel Hoppenheim School of Cinema is required.
Description :	*Description :*
A comprehensive course introducing students to the art of making motion pictures. This course stresses the individual student's creative efforts and expression through filmmaking. Students are expected to master basic technique and theory. Students use digital resources for acquisition and post-production.	A comprehensive course introducing students to the art of making motion pictures. This course stresses the individual student's creative efforts and expression through filmmaking. Students are expected to master basic technique and theory. Students use digital resources for acquisition and post-production.
Component(s):	*Component(s):*
Studio	Studio
Notes :	*Notes :*
Fee note : Students are required to bear the production costs of all aspects of their course projects and supply their own means of storing media for editing and back-up.	**Fee note :** Students are required to bear the production costs of all aspects of their course projects and supply their own means of storing media for editing and back-up.
Other note : This course involves the production of a film as a requirement. This course may require mandatory workshops outside of class time.	**Other note :** This course involves the production of a film as a requirement. This course may require mandatory workshops outside of class time.

Rationale:

These editorial changes accommodate the addition of the Microprogram in Fundamentals of Digital Filmmaking for entry into FMPR 231, which will account for six of the nine credits in this microprogram.

These changes also rectify a pre-existing error currently listed in the undergraduate Calendar that occurred in the transition to the new online calendar format which indicates registration in the Film Animation program rather than Film Production. This is likely human error, as previous calendars indicate Film Production as the Major.

Resource Implications:

none

COURSE CHANGE FORM

Dossier Type: New Undergraduate Program (Regular Process)
Dossier Title: Microprogram in Fundamentals of Digital Filmmaking

Calendar Section Name: FMPR 338
Calendar Section Type: Course
Description of Change: FMPR 338 Image I Change

Proposed: Undergraduate Curriculum Changes

Faculty/School: Faculty of Fine Arts

Department: Mel Hoppenheim School of Cinema

Calendar publication date: 2023/2024/Summer
Planning and Promotion: 01 Jan 2023
Effective/Push to SIS date: 01 Jan 2023
Implementation/Start date: 01 May 2023

Path: Undergraduate > 2022-2023 Undergraduate Calendar > Faculties > Section 81 Faculty of Fine Arts > Faculty of Fine Arts > Section 81.60 Mel Hoppenheim School of Cinema > Cinema Courses > Film Production Courses

Type of Change: Course Change

Present Text (from 2021) calendar	Proposed Text
FMPR 338 Image I (3 credits)	FMPR 338 Image I (3 credits)
Prerequisites:	*Prerequisites:*
The following courses must be completed previously: FMPR 231 , FMPR 239 , FMST 220 ; one of FMST 201 , FMST 202 , or FMST 203 ~~.~~ The following courses must be completed concurrently: FMPR 332 , FMPR 340 ~~. Enrolment~~ in the ~~Major~~ in ~~Film Production is required.~~	The following courses must be completed previously: FMPR 231 , FMPR 239 , FMST 220 ; one of FMST 201 , FMST 202 , or FMST 203 , or enrolment in the Microprogram in Fundamentals of Digital Filmmaking. The following courses must be completed concurrently: FMPR 332 , FMPR 340 , or enrolment in the Microprogram in Fundamentals of Digital Filmmaking .
Description :	*Description :*
A comprehensive course on the equipment and technology available to the contemporary filmmaker with a focus on the tools used by students in FMPR 332 Filmmaking II. Present-day technology is explored through the foundations of traditional camera and photographic theory toward an in-depth understanding of digital cinema. Extensive hands-on studio practice provides training in basic camera technique, lighting, and gripping. The course may require mandatory workshops outside of class time.	A comprehensive course on the equipment and technology available to the contemporary filmmaker with a focus on the tools used by students in FMPR 332 Filmmaking II. Present-day technology is explored through the foundations of traditional camera and photographic theory toward an in-depth understanding of digital cinema. Extensive hands-on studio practice provides training in basic camera technique, lighting, and gripping. The course may require mandatory workshops outside of class time.
Component(s):	*Component(s):*
Studio	Studio
Notes :	*Notes :*

Rationale:
This editorial change accommodates the addition of the Microprogram in Fundamentals of Digital Filmmaking for entry into FMPR 338, which will account for three of the nine credits in this microprogram.

Resource Implications:
none

D5

Impact Report

Programs

Major in Film Production
Source of Impact

- FMPR 231
- FMPR 338

Specialization in Film Production
Source of Impact

- FMPR 231
- FMPR 338

Specialization in Film Studies
Source of Impact

- FMPR 231

Defined Groups

Filmmaking Courses
Source of Impact

- FMPR 231

Courses

FMPR 239
Source of Impact

- FMPR 231

FMPR 332
Source of Impact

- FMPR 231
- FMPR 338

FMPR 336
Source of Impact

- FMPR 231

FMPR 338
Source of Impact

- FMPR 231

FMPR 340
Source of Impact

- FMPR 231

FMPR 341
Source of Impact

- FMPR 231

FMPR 343
Source of Impact

- FMPR 231

FMPR 350
Source of Impact

- FMPR 231

FMPR 361
Source of Impact

- FMPR 231

FMPR 432
Source of Impact

- FMPR 338

FMPR 438
Source of Impact

- FMPR 338

FMPR 444
Source of Impact

- FMPR 231

Other Units

Addition of **Section 81.20 Degree Requirements** to **Notes** requirement
Source of other unit Impact

- Sub Section is housed in Section 81.20 Degree Requirements

Curriculum Map and Program Alignment Table

Course Learning Outcomes

By the end of this course, successful students should be able to:

1. Evaluate and critique existing films in order to understand the historical and theoretical foundation of filmmaking.
2. Understand the critical distinction between image making and sound design that are fundamental to the creative possibilities of cinematic art.
3. Identify individual roles and responsibilities at each stage of the film production process, from development to principal photography, postproduction, and distribution.
4. Apply their newly acquired technical knowledge in order to achieve specific aesthetic and creative results.
5. Collaborate with other colleagues as a team member or a leader of a filmmaking crew.
6. Conceive, prepare, produce, and edit a five-minute film (fiction or documentary) that seeks to develop an individual creative voice.

FMPR 231: Filmmaking I

Course title	Weeks	Program Learning outcomes (I, R, M) **	Topic(s)	Assessment(s)	Teaching and learning activities
FMPR 231	Week 1, day 1	1 (I), 2 (I), 3 (I)	overview & guidelines of one-minute film; production process & workflow; filmmakers notebook		lecture, video excerpts, tour of facilities
	Week 1, day 2	1 (R), 2 (R), 4 (I), 5 (I)	writing for film; cameras as tools – examples & practical exercises	hands-on practice & evaluation	lecture, video excerpts, visual and hands-on demonstration, practice, reading assignments
FMPR 231	Week 2, day 1	1 (R), 2 (R), 4 (R), 5 (R)	production planning & methodologies – storyboards, shot	hands-on practice & evaluation	lecture, video excerpts, visual and hands-on demonstration, practice, reading assignments

			lists, schematics, location scouting, mood boards; camera operating basics – practical exercise		
	Week 2, day 2	1 (R), 3 (R), 4 (R), 5 (R)	presentation & round-table critique of one-minute film ideas; production rules, regulations, and forms; screen rules & conventions – shot size, screen direction, camera axis, eye line, continuity, coverage; outline & plan group shoots; quiz review	written idea assignment for one-minute film; round-table critique of ideas	lecture, project workshopping, video excerpts, reading assignments, hands-on exercise
FMPR 231	Week 3, day 1	3 (R), 4 (R), 5 (R)	part 1 shooting a scene in continuity; group shoot – practical exercise	quiz; hands-on practice & evaluation	visual and hands-on demonstration, hands-on exercise, reading assignments
	Week 3, day 2	3 (R), 4 (R), 5 (R)	part 2 shooting a scene in continuity; group shoot – practical exercise	quiz; hands-on practice & evaluation	visual and hands-on demonstration, hands-on exercise, reading assignments
FMPR 231	Week 4, day 1	1 (R), 2 (R), 3 (R), 4 (R), 6 (I)	framing & composition; mise-en-scène; overview of five-minute film guidelines; pre-production	review quiz; evaluation of practical exercise; evaluation of pre-production planning & materials for one-minute film	lecture, video excerpts, student presentations, project workshopping, hands-on exercise, reading assignments

			presentations & workshopping; quiz review		
	Week 4, day 2	3 (R), 4 (R)	writing for film – synopses, outlines, treatments, scripts; pre-production presentations & workshopping	quiz; evaluation of pre-production planning & materials for one-minute film	lecture, student presentations, project workshopping, hands-on exercise, reading assignments
FMPR 231	Week 5, day 1	1 (R), 3 (R), 4 (R)	film genre – contemporary approaches; presentation of one-minute film rushes	evaluation of one-minute film rushes	video excerpts, discussion, student presentations, project workshopping, reading assignments
	Week 5, day 2	1 (R), 2 (R), 3 (R), 4 (R), 6 (R)	introduction to sound design – elements of a soundtrack, overview of non-sync workflow, 2-column scripts; five-minute film considerations; quiz review	review quiz; evaluation of one-minute film rushes & rough cuts; written idea assignment for five-minute film	lecture, video excerpts, student presentations, project workshopping, reading assignments
FMPR 231	Week 6, day 1	1 (R), 2 (R), 3 (R), 4 (R), 6 (R)	presentation & round-table critique of five-minute film ideas; one-minute film edits; review finishing requirements	quiz; round-table critique of five-minute film ideas; evaluation & workshopping of one-minute film edits	student presentations, project workshopping
	Week 6, day 2	1 (R), 2 (R), 3 (R), 4 (R)	complete one-minute film finishing requirements; presentation &	round-table evaluation & critique of finished one-minute films	visual and hands-on demonstration, practice, student presentations, project evaluation & critique

			round-table critique of finished one-minute films		
FMPR 231	Week 7, day 1	1 (R), 2 (R), 3 (R), 4 (R), 6 (R)	review five-minute film guidelines & schedule; filmmakers notebook; sound design continued – designing non-sync soundscapes, compositional elements & techniques, creative use of voice & voice-over	review quiz, evaluation of preliminary pre-production planning & materials for five-minute film	lecture, video excerpts, discussion
	Week 7, day 2	1 (R), 2 (R), 3 (R), 4 (R), 5 (R), 6 (R)	sound recording – introduction to recording techniques; pre-production presentations & workshopping	hands-on practice & evaluation; evaluation of pre-production planning & materials for five-minute film	lecture, video excerpts, visual and hands-on demonstration, practice, student presentations, project workshopping, reading assignments
FMPR 231	Week 8, day 1	1 (R), 2 (R), 3 (R), 4 (R), 5 (R), 6 (R)	creative use of voice & voice-over (continued); pre-production presentations & workshopping	evaluation of pre-production planning & materials for five-minute film	lecture, video excerpts, student presentations, project workshopping, reading assignments
	Week 8, day 2	1 (R), 2 (R), 3 (R), 4 (R), 5 (R), 6 (R)	sound editing workflow & editing basics review; editing & organizational techniques for	hands-on practice & evaluation; evaluation of pre-production planning & materials for five-minute film	lecture, video excerpts, visual and hands-on demonstration, practice, student presentations, project workshopping, reading assignments

			soundtracks; working with field recordings; sound effects library; pre-production presentations & workshopping		
FMPR 231	Week 9, day 1	1 (R), 2 (R), 3 (R), 4 (R), 5 (R), 6 (R)	sound design treatments; writing for film – voiceover & text; pre-production presentations & workshopping; presentation & workshopping of works-in-progress; quiz review	evaluation of writing for film; evaluation of pre-production planning & materials for five-minute film; evaluation of works-in-progress	lecture, video excerpts, hands-on practice, student presentations, project workshopping, reading assignments
	Week 9, day 2	1 (R), 4 (R), 5 (R), 6 (R)	contemporary filmmakers; pre-production presentations & workshopping; quiz review	quiz; evaluation of pre-production planning & materials for five-minute film; evaluation of works-in-progress	video excerpts, discussion, student presentations, project workshopping
FMPR 231	Week 10, day 1	1 (R), 2 (R), 3 (R), 4 (R), 5 (R), 6 (R)	sound for five-minute films; presentation & workshopping of works-in-progress; quiz review	evaluation of sound treatment assignment; evaluation of works-in-progress	hands-on practice, student presentations, project workshopping
	Week 10, day 2	1 (R), 2 (R), 3 (R), 4 (R), 5 (R), 6 (R)	review sound editing workflow; review sound editing techniques;	review quiz; evaluation of works-in-progress	lecture, visual and hands-on demonstration, practice, student presentations, project workshopping

			preparing for a sound mix; presentation & workshopping of works-in-progress		
FMPR 231	Week 11, day 1	1 (M), 2 (M), 4 (R), 5 (M), 6 (R)	presentation & workshopping of works-in-progress	evaluation of works-in-progress	student presentations, project workshopping
	Week 11, day 2	1 (M), 2 (M), 3 (M), 4 (M), 5 (M), 6 (R)	festivals & distro strategies; press kits & promo materials; presentation & workshopping of works-in-progress	evaluation of works-in-progress	lecture, student presentations, project workshopping
FMPR 231	Week 12, day 1	1 (M), 2 (M), 3 (M), 4 (M), 5 (M), 6 (R)	post-production & finishing; review export settings; final workshopping of five-minute films	hands-on practice; evaluation of works-in-progress	visual and hands-on demonstration, practice, student presentations, project workshopping
	Week 12, day 2	1 (M), 2 (M), 3 (M), 4 (M), 5 (M), 6 (M)	complete five-minute film finishing requirements; presentation & round-table critique of finished five-minute films	evaluation of year-end self-reflection; round-table evaluation & critique of finished five-minute films	visual and hands-on demonstration, practice, student presentations, project evaluation & critique

FMPR 338: Image I

FMPR 338	Week 1	2, 4 (I)	who is responsible for the image?; camera theory and practice; choosing a		lectures, video excerpts, hands-on investigation; assigned readings; reading assignments

			camera; picture format, aspect ratio photo-mechanics, reciprocity theory & applications		
FMPR 338	Week 2	2, 4 (I) (R)	optics/lenses; physical factors; aesthetic factors; choosing a lens; field of view; depth of field; crew role focus: 1st assistant camera	review quiz hands-on practice & evaluations	visual and hands-on demonstration; repetition.
FMPR 338	Week 3	2, 4 (I) (R) (M)	light & human visual perception; sources & characteristics of light; colour temperature; exposure theory and practice: luminance & illuminance; iso scale; gray scale; digital exposure tools	review quiz hands-on practice & evaluation	video excerpts; visual and hands-on demonstration; repetition; charts, guides & exercises; reading assignments
FMPR 338	Week 4	2, 4 (I) (R) (M)	exposure theory and practice continued; essential lighting set-ups for basic shot/scene design; equipment lists; safety	review quiz	lecture; visual and hands-on demonstration; repetition; charts, guides & exercises; reading assignments

FMPR 338	Week 5	2, 4 (I) (R) (M)	shot/scene design continued; on-set protocols & responsibilities by department & role; set-up by dept. area	review quiz; scene/set-up assignment; hands-on practice/demonstration of skills; evaluation of set-up and execution	demonstration, practice, repetition
FMPR 338	Week 6	2, 4 (I) (R) (M)	practical exercises & set-ups continued	review quiz scene/set-up assignment; practice; evaluation of set-up and execution	lecture; visual and hands-on demonstration; reading assignments
FMPR 338	Week 7	2, 4 (I) (R) (M)	review, prep & trouble-shooting of proposed shot ideas	review quiz; evaluation of set-up and execution	lecture; visual and hands-on demonstration; reading assignments
FMPR 338	Week 8	2, 4 (R) (M)	practical exercises	review quiz; evaluation of set-up and execution	hands-on supervision
FMPR 338	Week 9	2, 4 (I) (R) (M)	post-production: grading and colour correction workflows & techniques	scene/set-up assignment; review quiz practice; evaluation of set-up and execution	hands-on supervision
FMPR 338	Week 10	2, 4 (I)	grading and colour continued; display gamma & viewing technology; factors presenting work (scene & display)	assignment: class/exercise journal evaluation	lecture, video demonstration; readings
FMPR 338	Week 11	2, 4 (R) (M)	screenings & evaluations in light of course learning; questions, and review	review quiz	video presentations; evaluations & critiques

FMPR 338	Week 12	2, 4 (R) (M)	final quiz	final quiz	

**I Introduced; R Reinforced; M Mastered

Requested amounts for the Department of: Mel Hoppenheim School of Cinema
Program name: Microprogram in Filmmaking

NOTE : ONLY [ ] NEED TO BE POPULATED

		Year 0 Start-Up	Year 1	Year 2	Year 3	Year 4	Year 5	Comments
EXPENSES								
Teaching - Number of Full Time positions	**TT**							
	%	100%	100%	100%	100%	100%	100%	
	ETA							
	%	100%	100%	100%	100%	100%	100%	
	LTA							
	%	100%	100%	100%	100%	100%	100%	
	Lecturer							
	%	100%	100%	100%	100%	100%	100%	
Number of course remissions requested								
Technical support - Number of positions			1					4 part-time positions with different hourly rates, a different number of weeks worked, and varying number of hours per
Part Time Contracts - Number of contracts			3.3	3.3	3.3	3.3	3.3	
Teacher's Assistants - Hours			159	159	159	159	159	53 hours for PMPR 336, 106 hours for PMPR 251 as per standard allocation for EMPP courses
Administrative Staff - Number of positions	**Director**							
	%	100%	100%	100%	100%	100%	100%	
	Office support	80						80 hours of casual staff support starting Winter of the first year only, program to start Summer semester. See Appendix 1.
	%	100%	100%	100%	100%	100%	100%	
	Professional							
	%	100%	100%	100%	100%	100%	100%	

LOI Budget Chart

EXPENSES		Year 0 Start-Up	Year 1	Year 2	Year 3	Year 4	Year 5	Total
TEACHING	Salary				Salary and Benefits			
Tenure Track	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Extended Term appointment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Limited Term Appointment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Lecturer	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Course remissions	$ 12,500	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Technical support	$ 8,404	$ -	$ 10,614	$ -	$ -	$ -	$ -	$ 10,614
Part Time Contracts	$ 12,500	$ -	$ 41,250	$ 41,250	$ 41,250	$ 41,250	$ 41,250	$ 206,250
Teacher's Assistants	$ 27.60	$ -	$ 4,388	$ 4,388	$ 4,388	$ 4,388	$ 4,388	$ 21,942
Stipends		$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other		$ -	$ -	$ -	$ -	$ -	$ -	$ -
ADMIN STAFF								
Director	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Office support	$ 18	$ 1,819	$ -	$ -	$ -	$ -	$ -	$ 1,819
Professional	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Payroll		**$ 1,819**	**$ 56,253**	**$ 45,638**	**$ 45,638**	**$ 45,638**	**$ 45,638**	**$ 240,625**
OTHER EXPENSES								
New Classroom, renovation and lab equipment - NON-CAPITAL								$ -
New Classroom, renovation and lab equipment - CAPITAL								$ -
Marketing		$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 6,000
Recruitment								$ -
IT - Software								$ -
Library								$ -
Membership and Subscription								$ -
Student support - Bursaries, Awards, others								$ -
Training								$ -
Other								$ -
Total Other Expenses		**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 6,000**
Total Expenses		**$ 2,819**	**$ 57,253**	**$ 46,638**	**$ 46,638**	**$ 46,638**	**$ 46,638**	**$ 246,625**

Requested amounts for the Department of: Mel Hoppenheim School of Cinema
Program name: Microprogram in Filmmaking

NOTE : ONLY [ ] NEED TO BE POPULATED

	Year 1	Year 2	Year 3	Year 4	Year 5	Comments
STUDENTS						
Cycle 1 FTE (FTE = 30 credits)						
New Cycle 1 FTE registered in the program	4.5	4.5	4.5	4.5	4.5	FTE= 15 students at 9 credits = 9/30 x 15= 4.5
Total credits for Program 9						
Attrition rate 5%						Attrition reduced to 5% because drop rates should be low for such a short program.
TOTAL FTE	4.50	4.50	4.50	4.50	4.50	
Program Family Fine Arts — **Weight** 4.72						
Weighted FTE	21.24	21.24	21.24	21.24	21.24	

REVENUE		Year 0 Start-Up	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Tuition Fee								
Tuition (FTE)	$ 2,623		$ 11,803	$ 11,803	$ 11,803	$ 11,803	$ 11,803	$ 59,015
Grants								
Teaching Grant (WFTE)	$ 3,581		$ 76,066	$ 76,066	$ 76,066	$ 76,066	$ 76,066	$ 380,330
Support Grant (FTE)	$ 2,076		$ 9,340	$ 9,340	$ 9,340	$ 9,340	$ 9,340	$ 46,699
Total grants			$ 85,406	$ 85,406	$ 85,406	$ 85,406	$ 85,406	$ 427,029
External								$ -
Total Revenue		$ -	$ 97,209	$ 97,209	$ 97,209	$ 97,209	$ 97,209	$ 486,044
Additionnal Funding								
Internal								
Provost Office								$ -
Institutionnal		$ 2,819	$ 57,253	$ 17,100	$ 17,100	$ 17,100	$ 17,100	$ 128,472 — To top up the funding formula under the Financial Viability section
Capital Fund (1)								$ -
Other								$ -
Total internal sources of funding for the faculty		$ 2,819	$ 57,253	$ 17,100	$ 17,100	$ 17,100	$ 17,100	$ 128,472

Requested amounts for the Department of: Mel Hoppenheim School of Cinema
Program name: Microprogram in Filmmaking

Program Financial Viability

REVENUE	Year 0 Start-Up	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Tuition Fee							
Tuition (FTE)		$ 11,803	$ 11,803	$ 11,803	$ 11,803	$ 11,803	$ 59,015
Grants							
Teaching Grant (WFTE)		$ 76,066	$ 76,066	$ 76,066	$ 76,066	$ 76,066	$ 380,330
Support Grant (FTE)		$ 9,340	$ 9,340	$ 9,340	$ 9,340	$ 9,340	$ 46,699
Total grants		$ 85,406	$ 85,406	$ 85,406	$ 85,406	$ 85,406	$ 427,029
Additionnal Funding External	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Revenue	**$ -**	**$ 97,209**	**$ 97,209**	**$ 97,209**	**$ 97,209**	**$ 97,209**	**$ 486,044**

EXPENSES	Year 0 Start-Up	Year 1	Year 2	Year 3	Year 4	Year 5	Total
TEACHING							
Tenure Track	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Extended Term Contrats	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Limited Term Contracts	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Lecturers	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Course remissions	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Technical support	$ -	$ 10,614	$ -	$ -	$ -	$ -	$ 10,614
Part Time Contracts	$ -	$ 41,250	$ 41,250	$ 41,250	$ 41,250	$ 41,250	$ 206,250
Teacher's Assistants	$ -	$ 4,388	$ 4,388	$ 4,388	$ 4,388	$ 4,388	$ 21,942
Stipends	$ -	$ -	$ -	$ -	$ -	$ -	$ -
ADMIN STAFF							
Administrative Staff	$ 1,819	$ -	$ -	$ -	$ -	$ -	$ 1,819
Total Payroll	**$ 1,819**	**$ 56,253**	**$ 45,638**	**$ 45,638**	**$ 45,638**	**$ 45,638**	**$ 240,625**
OTHER EXPENSES							
Total Other Expenses	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 1,000**	**$ 6,000**
Total Expenses	**$ 2,819**	**$ 57,253**	**$ 46,638**	**$ 46,638**	**$ 46,638**	**$ 46,638**	**$ 246,625**
CONCORDIA UNIVERSITY SURPLUS / (DEFICIT)	**$ (2,819)**	**$ 39,956**	**$ 50,570**	**$ 50,570**	**$ 50,570**	**$ 50,570**	**$ 239,420**

Faculty Financial Viability

ADDITIONAL BASE FUNDING		Year 0 Start-Up	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Additionnal Base Funding per FTE	$ 900			$ 4,050	$ 4,050	$ 4,050	$ 4,050	$ 16,200
Additionnal Base Funding per WFTE	$ 1,200			$ 25,488	$ 25,488	$ 25,488	$ 25,488	$ 101,952
Additionnal Base funding - full time TT Hire		$ -	$ -	$ -	$ -	$ -	$ -	$ -
Additionnal Provost, External, Capital or Institutional funding		$ 2,819	$ 57,253	$ 17,100	$ 17,100	$ 17,100	$ 17,100	$ 128,472
Total Additionnal Funding		**$ 2,819**	**$ 57,253**	**$ 46,638**	**$ 46,638**	**$ 46,638**	**$ 46,638**	**$ 246,624**

ADDITIONAL EXPENSES	Year 0 Start-Up	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Payroll	$ 1,819	$ 56,253	$ 45,638	$ 45,638	$ 45,638	$ 45,638	$ 240,625
Other Expenses	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 6,000
Total Expenses	**$ 2,819**	**$ 57,253**	**$ 46,638**	**$ 46,638**	**$ 46,638**	**$ 46,638**	**$ 246,625**
FACULTY SURPLUS / (DEFICIT)	**$ 0**	**$ 0**	**$ (0)**	**$ (0)**	**$ (0)**	**$ (0)**	**$ (1)**

Appendix – Enrolment in Microprogram in Screenwriting and Film Producing

Dates	Applicants	Completed/in progress
Summer 2021 (June-July)	55	16
Winter 2022 (Jan-April)	19	13
Summer 2022 (May-Aug)	26	19

Microprogram in Fundamentals of Digital Filmmaking

Program Requirements

Microprogram in Fundamentals of Digital Filmmaking (9 credits)

9 credits:

- FMPR 231 Filmmaking I (6.00)
- FMPR 338 Image I (3.00)

Notes

Students are responsible for fulfilling their particular program requirements; hence, the sequences above must be read in conjunction with Section 81.20 Degree Requirements.

Centraide of Greater Montreal

Questions:
centraide@concordia.ca

ALLEVIATING THE BURDEN OF POVERTY AND SOCIAL EXCLUSION FOR THE MOST VULNERABLE

CENTRAIDE AT A GLANCE

Our territorial analysis allows us to invest where needs are most urgent and adapt our strategies to the realities of each neighbourhood.

Centraide provides training to reinforce agency capacities and develop the skills and leadership of social entrepreneurs.

If the agencies supported by Centraide had to raise this money on their own, **fundraising costs would increase by $9M.**

800,000

people supported, or 1 in 5 people in Greater Montreal.

INVEST WISELY IN GREATER MONTREAL

1 GLOBAL ACTION \ 4 AREAS OF ACTION

SUPPORT YOUTH SUCCESS	**Stimulate** early childhood development **Encourage** academic perseverance **Support** parents and families **Prevent** homelessness
TAKE CARE OF THE ESSENTIALS	**Ensure** food security **Facilitate** access to housing
BREAK SOCIAL ISOLATION	**Break** the social isolation of seniors **Promote** the social inclusion of people with disabilities **Support** the integration of immigrants and refugees **Help** people experiencing a crisis
BUILD CARING COMMUNITIES	**Bring** neighbourhoods to life **Encourage** volunteer action **Reinforce** agency skills and leadership

Centraide
of Greater Montreal

We are living in difficult times and, **thanks to everyone's efforts**, we have already been **able to provide help and comfort to thousands of people.** There is still much to do and **we need help from all to continue** to support critical needs.

21%	of households in Greater Montreal earn **less than $30,000 per year.** Today, they are facing **the sharpest upturn in inflation in 30 years.**
37%	of Montreal-area respondents to a Léger poll said they are **cutting back on grocery expenses** to afford **housing.**
300,000	people in the Greater Montreal area are experiencing **food insecurity.** New people are showing up at food banks, including low-income workers and more and more families.
1,2 million	Quebecers live in **poverty. 50%** of them live in **Greater Montreal.**
20%	of Canadians will be affected by a **mental health issue** at some point in their lives. Many people with mental health problems will also experience **financial insecurity and social exclusion.**
10 years	It takes **newcomers** an average of 10 years to achieve the **same standard of living** as other Quebecers.

AN UNPARALLELED SURGE OF GENEROSITY

AN OUTSTANDING COMMITMENT TO OUR COMMUNITY

An incredibly generous **$62,6 M was raised** during the 2021 campaign to support our communities!

75% of the amount collected came from **corporate donations and fundraising campaigns.**

A recurring payroll deduction is a simple and quick way to improve a campaign. Retention rate of donors during the second year of their donation (55%) is **greater than that of a new donor (33%).**

Questions: centraide@concordia.ca

SHOW YOUR LOCAL LOVE FOR GREATER MONTREAL

DOUBLE THE IMPACT OF YOUR DONATION!

Take up the Centraide Challenge powered by the Hewitt Foundation.

For all new Leadership Donations (of $1,200 or more), the Hewitt Foundation and our corporate partners* in the Centraide Challenge will give our organisation a matching donation.

Your donation of $1,200 will therefore become $2,400, which means double the impact in your community!

** See the full list of our generous Challenge partners at centraide-mtl.org.*

YOUR ANNUAL DONATION OF **$1,200**
($652.74 after tax*)

\+

PLUS A MATCHING DONATION from the Centraide Challenge of **$1,200**

THE ACTUAL IMPACT OF YOUR GENEROUS DONATION IS

$2,400

** What your donation actually costs after tax credits. The actual cost will vary depending on income.*

Centraide of Greater Montreal | THE LEADERS' CIRCLE

Overcoming immigration barriers

Moroccan-born Chihab arrived in Quebec at the age of 13. He found adapting to life in Quebec very hard and he isolated himself. But Centraide-supported agencies gave him a new sense of purpose and helped him feel like he belonged.

After immigrating to Quebec in 2013, young Chihab had a difficult time integrating into society. Deprived of everything that felt normal to him, he became isolated and withdrawn.

“It was a drastic change. Nothing was the same. I left a happy life and had to get used to the language and try to meet new people. I lost my family network, my friends, and my social circle. I couldn’t see how I would fit in here.”

At this critical time in his life, things could have turned out badly for Chihab. Instead, he met a community worker from an agency supported by Centraide who helped him find his bearings and see life here in a different way.

“The program helped me a lot in my personal development and my ability to find my identity in a culture that is so different from what I knew in my home country.”

“I try to get involved in many ways. I pitch in as best I can by helping staff at the centres I go to. I even talk to some of the young people myself. I really enjoy that because I feel like I can help them boost their confidence, just like others did for me.”

By going to various agencies supported by Centraide, Chihab has used this network to regain his footing and overcome the pitfalls that immigrants often face when adapting to their new country.

“I want to let people know that their donations, no matter the amount, can help change someone’s life, because community agencies often lack the resources to accomplish everything they set out to do.”

Chihab, a grateful teen

Although everyone has been affected by the pandemic this year, some have suffered the impacts more than others.

Newcomers to the country or those with a precarious immigration status are among the groups who have been the hardest hit by this crisis, as they tend to rely more heavily on agencies to settle into their host communities. Racialized people, who already represent the largest proportion of disadvantaged individuals, have become worse off.

Overall, young people are the ones most affected by the many changes in public health protocols, which have left them feeling alone, while many are having trouble adapting to online learning. Their perseverance and motivation have plummeted as a result, which has contributed to the alarming dropout statistics.

Find out how the community agencies supported by Centraide have helped Chihab feel at home in his new country.

Discover the impact you can have on your community.

$1,200

$46.15/pay*

Your annual donation of $1,200 allows 24 young people and their families to get a tutoring session through videoconferencing to help them catch up on schoolwork missed during the lockdown.

$2,400

$92.31/pay*

Your donation of $2,400 provides 2,400 frozen meals to individuals and families experiencing food insecurity.

$5,000

$192.31/pay*

Your $5,000 donation allows 20 young people who are homeless or at risk of homelessness and who attend an Auberge du cœur to get housing and receive individual psychosocial and family support for one month to help them get back on their feet. After they leave L'Antre-Temps, 97% of young people stay off the street and 82% have a source of income.

** Over 26 pays per year*

COVID-19 HAS REVEALED AND HEIGHTENED SOCIAL INEQUALITIES

As the COVID-19 pandemic and ongoing health crisis have kept their grip on us over the past year and a half, surveys and statistics have continued to reflect the impacts on vulnerable populations.

+ 10%

The pandemic has widened the **educational achievement gap** which now stands at 10% between students from disadvantaged backgrounds (74% success) and their more privileged peers (84% success).

12.9%

of the lowest-paid workers have been laid off compared to 1.9% of those who earn higher salaries. Extended work interruptions due to the lockdowns will lead **to a significant increase in income inequality**.

Thank you for helping us build **a truly Greater Montreal.**

We have just come through a difficult time and, **thanks to everyone's contributions**, we have been able to provide **help and comfort to thousands of people**.

Your tremendous generosity as a Leader Donor powers our ability to improve our community's quality of life in these hard times.

However, much remains to be done, and **we need your support** to continue to meet critical needs.

DONATE TODAY

THE LEADERS' CIRCLE