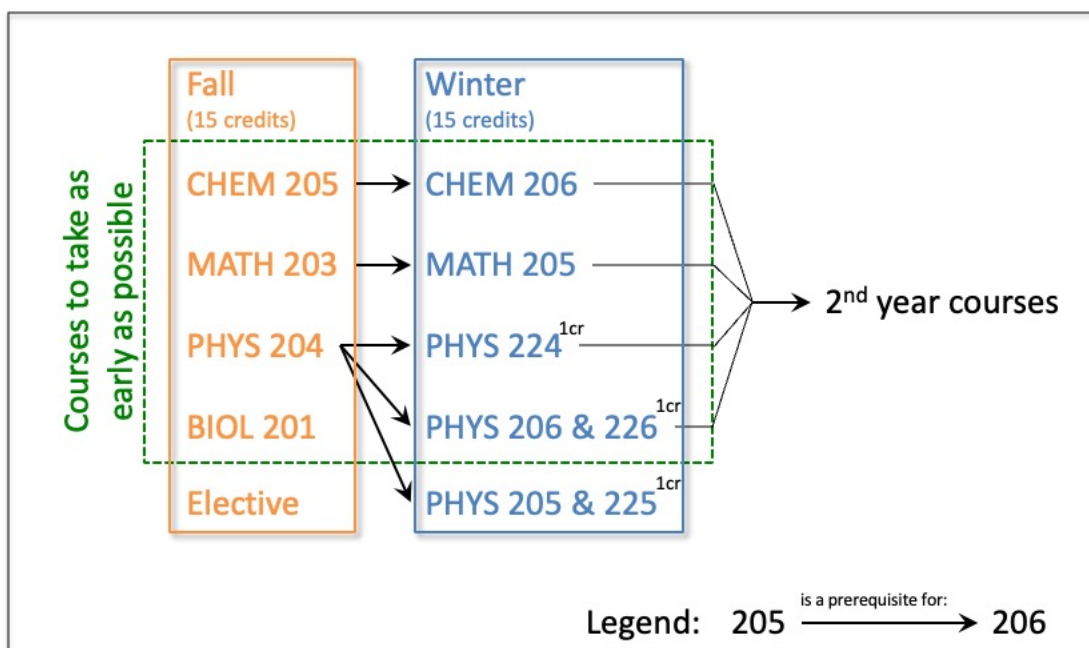


## Science Profile (extended credit programs, i.e. non-CEGEP entry, only)

Chemistry:	CHEM 205 & 206 (General Chemistry I & II)
Biology:	BIOL 201 (Introductory Biology)
Math:	MATH 201 (Elementary Functions), MATH 202 (College Algebra, <i>required for Mature Students only</i> ), MATH 203 (Calculus I), MATH 205 (Calculus II)
Physics:	PHYS 204/224 (Mechanics and associated lab course), PHYS 205/225 (Electricity and Magnetism & associated lab course), PHYS 206/226 (Waves and Modern Physics & associated lab course)

## Typical Science Profile Schedule and Sequence



All courses are 3 credits except where noted "1cr" (1 credit).

- You do not need to complete all Science Profile courses to enter the core program ("2<sup>nd</sup> year courses"), but only the prerequisites for a course (see the Undergraduate Calendar course description for more information).
- Complete CHEM 205 and CHEM 206 as early as possible:
  - With CHEM 205 and CHEM 206 completed, you can take CHEM 221 (Organic Chemistry I) and, subsequently, CHEM 222 (Organic Chemistry II) and CHEM 271 (Biochemistry I).
  - For biochemistry students: BIOL 261 and BIOL 266 have BIOL 201, CHEM 205 and CHEM 206 as prerequisites.
- All other CHEM courses require MATH and PHYS to be complete, except for PHYS 205 and 225, which are not prerequisites for any CHEM course and can be taken later.
- CHEM 205 and 206 are *usually* offered in the summer terms. Check other summer course options with the respective departments.