

**CHEMISTRY B.Sc. and B.Sc. (Honours), Course Sequences (for computer timetabling)**

- Asterisk (\*) courses: for Honours degrees only. Replace with electives for regular B.Sc.
- Greyed courses: courses with labs.

**Sequence A (regular; all CHEM 2xx done in 2<sup>nd</sup> year)**

|           |         |                   |                |              |          |        |
|-----------|---------|-------------------|----------------|--------------|----------|--------|
| 1 (Fall1) | CHEM104 | BIOL100           | PHYS109 or 111 | MATH110      | elective | SCI099 |
| 2 (Wint1) | CHEM105 | CHEM140           | PHYS119 or 112 | MATH111      | elective |        |
| 3 (Fall2) | CHEM210 | CHEM241           | CHEM250        | ENGL100      | elective |        |
| 4 (Wint2) | CHEM215 | CHEM230           | CHEM251        | ENGL110      | elective |        |
| 5 (Fall3) | CHEM330 | CHEM360           | BIOC220        | MATH122      | elective |        |
| 6 (Wint3) | CHEM312 | CHEM340           | MATH213        | CS110 or 115 | elective |        |
| 7 (Fall4) | CHEM4xx | (CHEM3xx or 4xx)* | elective       | (CHEM401)*   | elective |        |
| 8 (Wint4) | CHEM4xx | elective          | elective       | (CHEM402)*   | elective |        |

**Sequence B (delayed phys/physchem)**

You can defer PHYS 119/112 and MATH 110/111 until 2<sup>nd</sup> year but they're needed for CHEM 250/251/360.

|           |         |                   |                |              |          |        |
|-----------|---------|-------------------|----------------|--------------|----------|--------|
| 1 (Fall1) | CHEM104 | Elective          | PHYS109 or 111 | ENGL100      | elective | SCI099 |
| 2 (Wint1) | CHEM105 | CHEM140           | elective       | ENGL110      | elective |        |
| 3 (Fall2) | CHEM210 | CHEM241           | BIOL100        | MATH110      | elective |        |
| 4 (Wint2) | CHEM215 | CHEM230           | PHYS119 or 112 | MATH111      | elective |        |
| 5 (Fall3) | CHEM330 | CHEM360           | CHEM250        | MATH122      | elective |        |
| 6 (Wint3) | CHEM312 | CHEM340           | CHEM251        | CS110 or 115 | elective |        |
| 7 (Fall4) | CHEM4xx | (CHEM3xx or 4xx)* | BIOC220        | (CHEM401)*   | elective |        |
| 8 (Wint4) | CHEM4xx | elective          | MATH213        | (CHEM402)*   | elective |        |

**Sequence C (delayed organic/analytical; may require 5 years if the 4xx courses need 3xx prereqs)**

You can defer CHEM 140 until 2<sup>nd</sup> year but this forces CHEM 330 and CHEM 312 into 4<sup>th</sup> year.

|           |          |                   |                |              |          |        |
|-----------|----------|-------------------|----------------|--------------|----------|--------|
| 1 (Fall1) | CHEM104  | BIOL100           | PHYS109 or 111 | MATH110      | elective | SCI099 |
| 2 (Wint1) | CHEM105  | elective          | PHYS119 or 112 | MATH111      | elective |        |
| 3 (Fall2) | ENGL100  | CHEM140           | CHEM250        | MATH122      | elective |        |
| 4 (Wint2) | ENGL110  | CHEM230           | CHEM251        | CS110 or 115 | elective |        |
| 5 (Fall3) | BIOC220  | CHEM241           | CHEM210        | CHEM360      | elective |        |
| 6 (Wint3) | elective | CHEM340           | CHEM215        | MATH213      | elective |        |
| 7 (Fall4) | CHEM4xx  | (CHEM3xx or 4xx)* | CHEM330        | (CHEM401)*   | elective |        |
| 8 (Wint4) | CHEM4xx  | elective          | CHEM312        | (CHEM402)*   | elective |        |