## Major Biochemistry Transition After Year 2 Program Chart

### JOINT FOUR YEAR MAJOR (Including Co-operative Option) 1-6 120 CREDIT HOURS

| CHEM 1300, CHEM 1310, BIOL 1020, BIOL 1030 | CHEM 2210, CHEM 2220, CHEM 2260, CHEM 2360, CHEM 2370, CHEM 2400, CHEM 2470, MBIO 1010 | CHEM 3700, CHEM 3760 (4) MBIO 3410 |
| PHYS 1050 (or PHYS 1020), PHYS 1070 (or PHYS 1030) | | One of: CHEM 2520, MBIO 3450, MBIO 3460, MBIO 4540, MBIO 4612 |
| MATH 1500, MATH 1700 | MBIO 1010, MBIO 2020 | One of: CHEM 4360, CHEM 4620 |

In Year 1 or Year 2 the following must be completed:
6 credit hours from the Faculty of Arts including the University Written English “W” requirement 1

21 credit hours of Chemistry and Microbiology (minimum 6 credit hours from each dept.). Of these 21 credit hours, at least 12 hours must be 4000 level courses.

20 credit hours of electives 4

**Co-op Requirements (if selected):**
SCI 3980, SCI 3990, SCI 4980, and SCI 4990 (if a 4th work term is selected)

### Notes:

Courses in **bold italic font** are from the current course offerings that will not be available, or required, when the new programs take effect in September 2021.

1 MATH 1230 or MATH 1510 or MATH 1520 or MATH 1690 may be taken in place of MATH 1500.

2 As there are no electives in Year 2 of the program, students should complete the university written English requirement in Year 1. If not completed in Year 1, a “W” course must be completed prior to Year 3 in addition to the required Year 2 courses.

3 MBIO 1010 can be taken in Year 1 after BIOL 1020.

4 MATH 1010, MATH 1020, the former MATH 1190, the former COMP 1260, the former COMP 1270, COMP 1500 and COMP 1600 may not be chosen to satisfy this requirement.

5 IMPORTANT: Students in the co-operative programs must ensure that they are able to satisfy the prerequisites for all 3000 and 4000 level courses they plan to take.

6 The four-year Major program need not be completed in the manner prescribed in the chart above. The chart indicates one possible arrangement of the required courses and is meant to be a guide around which students can plan their program.

(The numbers 2, 4, and 6 in brackets indicate two, four and six credit-hour courses, respectively.)