

Major Biochemistry Transition After Year 2 Program Chart

JOINT FOUR YEAR MAJOR (Including Co-operative Option)^{5,6} 120 CREDIT HOURS			
<i>CHEM 1300, CHEM 1310,</i> BIOL 1020, BIOL 1030 PHYS 1050 (or PHYS 1020), <i>PHYS 1070 (or PHYS 1030)</i> MATH 1500, <i>MATH 1700¹</i>	<i>CHEM 2210, CHEM 2220, CHEM 2260, CHEM 2360, CHEM 2370, CHEM 2400, CHEM 2470,</i> MBIO 1010 ³ , MBIO 2020	CHEM 3700, CHEM 3760 (4) MBIO 3410	CHEM 4630
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 ²		One of: BIOL 2520, MBIO 3450, MBIO 3460, MBIO 4540, MBIO 4612 One of: CHEM 4360, CHEM 4620	
		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 4 th 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.)