

4 Year MAJOR IN BIOLOGY

20.0 Credits

This form is a guide only. Students are responsible to meet all requirements.

For complete information and UPDATES see the Academic Calendar

Year 1 (5.0 Courses)	Graduation Requirements										
Biology 1001A and 1002B or the former Biology 1201A and 1202B.	<p>Breadth Requirement:</p> <ul style="list-style-type: none"> 1.0 course from each of the three categories A, B and C. Please see Academic Calendar for selections. <p>Essay Requirement:</p> <ul style="list-style-type: none"> 2.0 essays at UWO (1.0 must be senior level course) <p>Senior Courses:</p> <ul style="list-style-type: none"> 13.0 senior courses (numbered 2000-4999). 7.0 1st year courses will count towards a degree. <p>Lab Course Requirement:</p> <ul style="list-style-type: none"> There is no lab requirement. <p>Average Requirements:</p> <ul style="list-style-type: none"> minimum overall average of 60% on the 20.0 courses Cumulative average of 60% on module. <p>Residency Requirement:</p> <ul style="list-style-type: none"> Majority of courses in module must be completed through UWO <p>**Note: To graduate with a BSc, you must have a total of at least 11.0 Faculty of SCIENCE courses.</p>										
Chemistry 1301A and 1302B.											
1.0 course from: Calculus 1000A/B or Calculus 1500A/B , Calculus 1301A/B or Calculus 1501A/B , Mathematics 1225A/B , Mathematics 1228A/B , Mathematics 1229A/B or Mathematics 1600A/B , Data Science 1000A/B , Applied Mathematics 1201A/B , Numerical and Mathematical Methods 1411A/B , Numerical and Mathematical Methods 1412A/B , Numerical and Mathematical Methods 1414A/B ; If not completed in first year, the Mathematics requirement must be completed by the end of second year.											
0.5 course from: Physics 1201A/B , Physics 1401A/B , Physics 1501A/B Note: Physics 1101A/B with a minimum mark of 65% can be used to replace Physics 1201A/B .											
1.0 -1.5 options											
NOTE: 1.0 option in first year must be chosen from either the Faculty of Arts or one other Faculty that is not Science.											
Admission to Biology Major Module: Complete first year (5.0 courses) including: <ul style="list-style-type: none"> Biology 1001A and 1002B with a minimum grade of 60%. Chemistry 1301A/B and 1302A/B 											
MODULE (6.0 Courses)											
2.5 courses: Biochemistry 2280A, Biology 2290F/G, 2382A/B, 2483A/B , 2581A/B.											
0.5 course: Chemistry 2213A/B											
0.5 course: from Biology 2601A/B.*											
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.											
2.0 courses at the 2200 level or above											
<p>1.5 from Biology listings 0.5 May be from Biology or the Basic Medical Sciences. *Physiology 2130 or Physiology and Pharmacology 2000 can be taken instead of Biology 2601A/B to satisfy the physiology requirement for the module. However, students must make up the 0.5 course represented by Biology 2601A/B with an alternate Biology course from the 2200 level or above.</p>	<p style="text-align: center;">Department Recommendation for the order in which certain courses should be taken:</p> <p style="text-align: center;">Can be spread over 2nd & 3rd years</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 0 auto;"> <tr> <td style="padding: 2px;">Biochem 2280A</td> <td style="padding: 2px;">Bio 2290F/G</td> </tr> <tr> <td style="padding: 2px;">Bio 2483A/B</td> <td style="padding: 2px;">Bio 2581A/B</td> </tr> <tr> <td style="padding: 2px;">Chem 2213A/B</td> <td style="padding: 2px;">Bio 2382A/B</td> </tr> <tr> <td style="padding: 2px;">Bio 2601A/B</td> <td style="padding: 2px;">Bio 2244A/B</td> </tr> <tr> <td colspan="2" style="padding: 2px;">1.0 option</td> </tr> </table>	Biochem 2280A	Bio 2290F/G	Bio 2483A/B	Bio 2581A/B	Chem 2213A/B	Bio 2382A/B	Bio 2601A/B	Bio 2244A/B	1.0 option	
Biochem 2280A		Bio 2290F/G									
Bio 2483A/B		Bio 2581A/B									
Chem 2213A/B		Bio 2382A/B									
Bio 2601A/B		Bio 2244A/B									
1.0 option											
Progression Requirements Minimum Cumulative modular average of 60%, and overall average for the degree of 60% for a General 4 year Major. Academic counselling is available through the Biology department or the Faculty of Science. www.uwo.ca/biology											
	<p>Third Year & Fourth Year: Completion of courses for the Biology module and if combining with another module those necessary credits.</p>										