

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.	Breadth Requirement:										
Chemistry 1301A and 1302B.	1.0 course from each of the three categories A, B and C. Please see Academic Calendar for selections.										
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.	Essay Requirement:										
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 .	2.0 essays at UWO (1.0 must be senior level course)										
1.0 -1.5 options	Senior Courses:										
NOTE: 1.0 option in first year must be chosen from either the Faculty of Arts or one other Faculty	13.0 senior courses (numbered 2000-4999) only 7.0 1st year courses will count towards your degree.										
Admission to Biology Major Module: Complete first year (5.0 courses) including: Biology 1001A and 1002B or the former Biology 1201A and 1202B with a minimum of 60%. - Chemistry 1301A/B and 1302A/B	Lab Course Requirement:										
	There is no lab requirement.										
MODULE (6.0 Courses)	Average Requirements:										
2.5 courses: Biochemistry 2280A, Biology 2290F/G, 2382A/B, 2483A/B , 2581A/B.	- minimum overall average of 60% on the 20.0 courses - Cumulative average of at least 60% on module.										
0.5 course: Chemistry 2213A/B	Residency Requirement:										
0.5 course: from Biology 2601A/B.	Majority of courses in module must be completed through UWO										
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B. 2.0 courses at the 2200 level or above	**Note: To graduate with a BSc, you must have a total of at least 11.0 SCIENCE courses.										
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.	Department Recommendation for the order in which certain courses should be taken:										
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	Can be spread over 2nd & 3rd years <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">Biochem 2280A</td><td style="padding: 2px 5px;">Bio 2290F/G</td></tr> <tr> <td style="padding: 2px 5px;">Bio 2483A/B</td><td style="padding: 2px 5px;">Bio 2581A/B</td></tr> <tr> <td style="padding: 2px 5px;">Chem 2213A/B</td><td style="padding: 2px 5px;">Bio 2382A/B</td></tr> <tr> <td style="padding: 2px 5px;">Bio 2601A/B</td><td style="padding: 2px 5px;">Bio 2244A/B</td></tr> <tr> <td colspan="2" style="padding: 2px 5px;">1.0 option</td></tr> </table> Third Year & Fourth Year: Completion of courses for the Biology module and if combining with another module those necessary credits.	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											