

4 Year Double MAJOR IN BIOLOGY (Honors)

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												
<p>Biology 1001A and 1002B or the former Biology 1201A and 1202B.</p> <p>Chemistry 1301A/B and 1302B.</p> <p>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.</p> <p>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.</p> <p>1.0 -1.5 options</p> <p>NOTE: 1.0 option in first year must be chosen from either the Faculty of Arts or one other Faculty (not Science)</p> <p>Admission to Biology Major Module: Complete first year (5.0 courses) including:</p> <ul style="list-style-type: none"> • Biology 1001A and 1002B or the former Biology 1201A and 1202B with a minimum of 60%. • Chemistry 1301A/B and 1302A/B. <p>Check other module for admission requirements.</p>	<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) only 7.0 1st year courses will count towards your degree. <p>Lab Course Requirement:</p> <ul style="list-style-type: none"> • For this module there is no lab requirement. <p>Average Requirements:</p> <ul style="list-style-type: none"> • minimum overall average of 65% on the 20.0 courses • Cumulative average of at least 70% in each 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 SCIENCE courses.</p>												
MODULE (6.0 Courses)													
<p>2.5 courses: Biochemistry 2280A, Biology 2290F/G, 2382A/B, 2483A/B, 2581A/B.</p> <p>0.5 course: Chemistry 2213A/B</p> <p>0.5 course: from Biology 2601A/B **</p> <p>0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.</p>													
<p>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> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2" style="text-align: center;">Second Year</th> </tr> </thead> <tbody> <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 2581B</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;">option</td> <td style="padding: 2px;">option</td> </tr> <tr> <td colspan="2" style="padding: 2px;">1.0 option</td> </tr> </tbody> </table>	Second Year		Biochem 2280A	Bio 2290F/G	Bio 2483A/B	Bio 2581B	Chem 2213A/B	Bio 2382A/B	option	option	1.0 option	
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<p>Progression Requirements Minimum Cumulative modular average of 70% for both majors, and overall average for the degree of 65%. Modular courses must be a minimum of 60%. No exceptions. Some modules may have common courses. NOTE STATS is found in Social Science modules. Seek counselling.</p>	<p>Third Year & Fourth Year: Completion of courses for the Biology module and if combining with another module those necessary credits. Academic counselling is available through the Biology department or the Faculty of Science.</p>												