

HONORS SPECIALIZATION IN BIODIVERSITY AND CONSERVATION

20.0 Credits

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

Year 1 (5.0 Courses)	Graduation Requirements																								
Biology 1001A and Biology 1002B . Minimum of 60% in each.	<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) <p>Average Requirements:</p> <ul style="list-style-type: none"> minimum overall average of 65% on the 20.0 courses Modular average 70% or better, no course under 60%. <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 PLAN YOUR COURSES CAREFULLY</p> <div style="background-color: #d3d3d3; padding: 5px; text-align: center; margin-top: 10px;"> <p>Department Recommendation for the order in which certain courses should be taken:</p> </div> <table border="1" style="width: 100%; margin-top: 10px; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; padding: 5px;">Second Year</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Biochem 2280A</td> <td style="padding: 5px;">Bio 2290F/G</td> </tr> <tr> <td style="padding: 5px;">Bio 2483A/B</td> <td style="padding: 5px;">Bio 2581A/B</td> </tr> <tr> <td style="padding: 5px;">Bio 2601A/B</td> <td style="padding: 5px;">Bio 2382A/B</td> </tr> <tr> <td style="padding: 5px;">Chem 2213A or 2210A/B</td> <td style="padding: 5px;">Bio 2244A/B</td> </tr> <tr> <td colspan="2" style="padding: 5px;">1.0 option course</td> </tr> <tr> <th colspan="2" style="text-align: center; padding: 5px;">Third Year</th> </tr> <tr> <td style="padding: 5px;">Bio 3440A/B</td> <td style="padding: 5px;">3484A/B</td> </tr> <tr> <td style="padding: 5px;">Bio 3442F/G</td> <td style="padding: 5px;">Third year required.</td> </tr> <tr> <td style="padding: 5px;">Bio 3442F/G</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Electives/options</td> <td style="padding: 5px;"></td> </tr> <tr> <td colspan="2" style="padding: 5px;">1.0 option course</td> </tr> </tbody> </table> <p>Fourth Year: Completion of courses for the Biodiversity and Conservation Biology module.</p>	Second Year		Biochem 2280A	Bio 2290F/G	Bio 2483A/B	Bio 2581A/B	Bio 2601A/B	Bio 2382A/B	Chem 2213A or 2210A/B	Bio 2244A/B	1.0 option course		Third Year		Bio 3440A/B	3484A/B	Bio 3442F/G	Third year required.	Bio 3442F/G		Electives/options		1.0 option course	
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Chemistry 1301A and 1302B . Minimum of 60% in each credit.																									
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 ; Physics requirement must be completed by the end of second year. Physics 1101A/B with a minimum mark of 65% can be used to replace Physics 1201A/B .																									
1.0 -1.5 options																									
Admission to the Honors Specialization Bio-Con Module: Complete first year (5.0 courses) including: <ul style="list-style-type: none"> Biology 1001A and 1002B with a minimum of 60%. Chemistry 1301A/B and 1302B with a minimum of 60% 1.0 option (highest mark of 3.0 options) 																									
MODULE (10.0 Courses)																									
3.0 courses: Biochemistry 2280A , Biology 2290F/G , 2382A/B , 2483A/B , 2581A/B , 2601A/B .																									
0.5 course: Chemistry 2210A/B or 2213A/B .																									
0.5 course from: Biology 2244A/B , Statistical Sciences 2244A/B .																									
2.0 courses from: Biology 3440A/B , 3442F/G , 3445F/G and 3484A/B .																									
0.5 course from: Bio 3220Z , 3230F , Bio 3403A/B .																									
0.5 course from: Biology 3218F/G , 3229F/G , 3404F/G , 4420A/B .																									
0.5 course from: Biology 3444A/B , 3466A/B .																									
0.5 course from: Biology 3415F/G , Biology 3425F/G , Biology 4405A/B .																									
0.5 course from: Biology 4289A/B Biology 3450F/G , Biology 4230A/B , Biology 4412F/G .																									
1.0 course from: Biology 3435F/G , Biology 3436F/G , Biology 3446A/B , Biology 3475A/B , Biology 4200A/B , Biology 4259A/B , Biology 4944F/G , Biology 4970F/G , Biology 4999E , Geography 2133A/B , Geography 3352A/B , Geography 3441F/G , Geography 3445F/G , or courses above if not already taken. Note 1. If Biology 4999E is taken then the module is 11.0 credits.																									
Biology Core Courses must be completed by the end of year 3. Check prerequisites for 4000 level courses and ensure that all prerequisites have been met. Note 3. Not all courses listed include the prerequisites. Please check that you complete the prerequisites before adding the course.																									
www.uwo.ca/biology Updated March 2026. For complete information and UPDATES see the Academic Calendar																									

