

HONORS SPECIALIZATION IN BIODIVERSITY AND CONSERVATION

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 Biology 1002B. Minimum of 60% in each credit.</p> <p>Chemistry 1301A and 1302B. Minimum of 60% in each credit</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; Physics requirement must be completed by the end of second year. 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 other than Science.</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) <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 10.0 SCIENCE courses</p> <p style="text-align: center;">PLAN YOUR COURSES CAREFULLY</p>																								
<p>Admission to the Honors Specialization Bio-Con Module: Complete first year (5.0 courses) including:</p> <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) 																									
<p>MODULE (10.0 Courses)</p> <p>3.0 courses: Biochemistry 2280A, Biology 2290F/G, 2382A/B, 2483A/B, 2581A/B, 2601A/B.</p> <p>0.5 course: Chemistry 2210A/B or 2213A/B.</p> <p>0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.</p> <p>2.0 courses from: Biology 3440A/B, 3442F/G, 3445F/G and 3484A/B.</p> <p>0.5 course from: Bio 3220Z, 3230F, Bio 3403A/B.</p> <p>0.5 course from: Biology 3218F/G, 3229F/G, 3404F/G, 4420A/B.</p> <p>0.5 course from: Biology 3444A/B, 3466A/B.</p> <p>0.5 course from: Biology 3415F/G, 3425F/G, 4405A/B.</p>																									
<p>Department Recommendation for the order in which certain courses should be taken:</p>																									
<p>0.5 course from: Biology 4289A/B</p> <p>0.5 course from: 4412F/G</p> <p>1.0 course from: Biology 3435F/G, 3436F/G, 3446A/B, 3475A/B, 4200F/G, 4230A/B, 4259F/G, 4944F/G, 4970F/G, 4999E, Earth Sciences 3369A/B, Geography 2133A/B, 3352A/B, 3441F/G, 3445F/G, or courses listed above and not already taken.</p> <p>Note 1. If Biology 4999E is taken then the module is 10.5 credits.</p>	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr style="background-color: #cccccc;"> <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> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2" style="text-align: center; padding: 5px;">Third Year</th> </tr> </thead> <tbody> <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>	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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<p>Biology Core Courses should be completed by the end of year 3. Check prerequisites for 4000 level courses and ensure that all prerequisites have been met.</p> <p>Note 3. Not all courses listed include the prerequisites. Please check that you complete the prerequisites before adding the course.</p>	<p>Fourth Year: Completion of courses for the Biodiversity and Conservation Biology module.</p>																								
<p>www.uwo.ca/biology Updated May 2026.</p>																									