

# HONORS SPECIALIZATION IN ECOLOGY AND EVOLUTION (20.0 courses)

This form is a guide only. For complete information and UPDATES see the Academic Calendar

Year 1 ( 5.0 Courses)	Graduation Requirements										
<p>Biology 1222 or 1223</p> <p>Chemistry 1050</p> <p>1.0 course from: Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1201A/B, 1301A/B, 1501A/B, Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, or the former Mathematics 030, Statistical Sciences 1024A/B.</p> <p>Physics 1028A/B (or Physics 1020 or 1024, or the former 022 or 025);</p> <p>1.0 -1.5 options</p> <p><b>NOTE:</b> 1.0 option in first year must be chosen from either the Faculty of Arts or one other Faculty</p> <p><b><u>Admission to Honors Specialization Module:</u></b> Complete first year (5.0 courses) including:</p> <ul style="list-style-type: none"> <li>• Minimum average of 70% on 3.0 principal courses with no mark less than 60% in each of:</li> <li>• Biology 1222 or 1223</li> <li>• Chemistry 1050</li> <li>• 1.0 option (highest mark of 3.0 options)</li> </ul>	<p><b>Breadth Requirement:</b></p> <ul style="list-style-type: none"> <li>• 1.0 course from each of the three categories A, B and C. Please see Academic Calendar for appropriate selections</li> </ul> <p><b>Essay Requirement:</b></p> <ul style="list-style-type: none"> <li>• 2.0 essays at UWO (1.0 must be senior level course)</li> </ul> <p><b>Senior Courses:</b></p> <ul style="list-style-type: none"> <li>• 13.0 senior courses (numbered 2000-4999)</li> <li>• <b>Maximum of 7.0 first year courses.</b></li> </ul> <p><b>Average Requirements:</b></p> <ul style="list-style-type: none"> <li>• minimum overall average of 65% on the 20.0 courses</li> <li>• cumulative average of at least 70% on module, with no mark in any modular course less than 60%</li> </ul> <p><b>Residency Requirement:</b></p> <ul style="list-style-type: none"> <li>• Majority of courses in module must be completed through UWO</li> </ul> <p><b>*Note:</b> To graduate with a BSc, you must have a total of at least 11.0 SCIENCE courses</p> <p><b>**Note:</b> If you select a course that has prerequisites that are not part of the module they must be taken as options. Some 2<sup>nd</sup> year courses may be delayed until 3<sup>rd</sup> year.</p>										
MODULE (10.0 Courses)	Department Recommendation for the order in which certain courses should be taken:										
<p>3.5 courses: Biochemistry 2280A, Biology 2290F/G, 2382B, 2483A, 2486A, 2581B, Chem 2213A/B</p> <p>0.5 course from: Biology 2660A/B, 2672A/B</p> <p>0.5 course from: Biology 2244A/B, Statistical Sciences 2122A/B, Statistical Sciences 2035 or Psychology 2810. The module becomes 10.5 courses if Psych. 2810 or Stats 2035 is taken.</p> <p>2.0 courses from Biology 2484A, 3440A/B, 3445F, 3466B</p> <p>0.5 course from: Bio 2240F/G, 2404A, 2471A/B, 3218F/G, 3332A, 3404A, 3475A, Geography 2320A/B.</p> <p>1.0 course from: Bio 3435F/G, 3442F/G, 3446b, 3475A/B, 4405F/G, 4932F/G.</p> <p>0.5 course from: Biology 3436F/G, 4289A/B, 4436F/G, 4441F.</p>	<p style="text-align: center;"><b>Second Year</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Biochem 2280A</td> <td style="width: 50%;">Bio 2581B</td> </tr> <tr> <td>Bio 2483A</td> <td>Bio 2382B</td> </tr> <tr> <td>Bio 2486A</td> <td>Bio 2290F/G</td> </tr> <tr> <td>Bio 2244A/B (or equiv)</td> <td>Chem 2213A/B</td> </tr> <tr> <td>Plus 1.0 option</td> <td></td> </tr> </table> <p><b>Third Year:</b> 2<sup>nd</sup> and 3<sup>rd</sup> year level courses, maybe a field course</p> <p><b>Fourth Year:</b> Honors thesis, other 3<sup>rd</sup> and 4<sup>th</sup> year courses to fulfill the Honors Specialization requirements.</p>	Biochem 2280A	Bio 2581B	Bio 2483A	Bio 2382B	Bio 2486A	Bio 2290F/G	Bio 2244A/B (or equiv)	Chem 2213A/B	Plus 1.0 option	
Biochem 2280A	Bio 2581B										
Bio 2483A	Bio 2382B										
Bio 2486A	Bio 2290F/G										
Bio 2244A/B (or equiv)	Chem 2213A/B										
Plus 1.0 option											
<p>1.5 courses from (not already taken above): Biology 2240F/G, 2404A, 2417B, 2471A/B, 2485B, 3404A, 3218F/G, 3220Z, 3332A, 3435F/G, 3436F/G, 3442F/G, 3446B, 3475A/B, 4218A, 4243G, 4257Z, 4289A/B, 4405F/G, 4436F/G, 4441F, 4459F, 4932F/G, 4941E, 4970F/G, 4999E, Earth Sciences 2261B, 4461B, Geography 2220A/B, 2320A/B, 3321A/B.</p> <p>It is recommended that students complete the honors thesis, Biology 4999E (worth 1.5 credits) and at least 0.5 field course (Biology 3220Z, 4257Z or 4258Z).</p> <p><b>At least 1.0 FCE must be taken at the 400 level for the Module.</b></p>	<p><b>OPTIONS (5.0 Courses)</b></p> <p>*A Minor module may be taken here. You must successfully complete this additional module with a minimum average of 60%</p>										
Progression Requirements											
<ul style="list-style-type: none"> <li>• <b>Minimum cumulative modular average of 70%</b></li> <li>• <b>Minimum mark of 60% in each course of module</b></li> <li>• <b>Passing grade in each option</b></li> </ul>											

Last Updated: January 2008