### 4 Year MAJOR IN BIOLOGY

This form is a guide only. Students are responsible to meet all requirements.
For complete information and UPDATES see the Academic Calendar

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<th>Year 1 (5.0 Courses)</th>
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| Biology 1001A or 1201A and Biology 1002B or 1202B. | **Breadth Requirement:**  
- 1.0 course from each of the three categories A, B and C. Please see Academic Calendar for selections. |
| Chemistry 1301A and 1302B | **Essay Requirement:**  
- 2.0 essays at UWO (1.0 must be senior level course) |
| 1.0 course from: Calculus 1000A/B or 1100A/B, Calculus 1301A/B or 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, Mathematics 1225A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B or the former Calculus 1201A/B, or the former Mathematics 030. If not completed in first year, the Mathematics requirement must be completed by the end of second year. | **Senior Courses:**  
- 13.0 senior courses (numbered 2000-4999) only 7.0 1st year courses will count towards your degree. |
| 0.5 course from: Physics 1028A/B, 1301A/B or 1501A/B. | **Lab Course Requirement:**  
- **There is no lab requirement.** |
| **NOTE:** 1.0 option in first year must be chosen from either the Faculty of Arts or one other Faculty | **Average Requirements:**  
- minimum overall average of 60% on the 20.0 courses  
- Cumulative average of at least 60% on module. |
| **Admission to Biology Major Module:**  
Complete first year (5.0 courses) including:  
- Biology 1001A or 1201A and Biology 1002B or 1202B with a minimum of 60%.  
- Chemistry 1100A/B and 1200B | **Residency Requirement:**  
- Majority of courses in module must be completed through UWO |
| **MODULE (6.0 Courses)** | **Department Recommendation for the order in which certain courses should be taken:** |
| 2.5 courses: Biochemistry 2280A, Biology 2290F/G, 2382A/B, 2483A/B, 2581B. | **Second Year**  
| 0.5 course: Chemistry 2213A/B | Biochem 2280A | Bio 2290F/G |
| 0.5 course: from Biology 2601A/B. | Bio 2483A/B | Bio 2581B |
| 0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.  
2.0 courses at the 2200 level or above | Chem 2213A/B | Bio 2382A/B |
| 1.5 from Biology listings  
0.5 May be from Biology or the Basic Medical Sciences.  
Pharmacology 2060A/B may be used in this module.  
Physiology 2130 may be used as the physiology requirement, but may not be part of the module. Bio 2601A would need an alternate Biology 2200+ level or better. | Bio 2601A | option |
| **Progression Requirements**  
Minimum Cumulative modular average of 60%, and overall average for the degree of 60% for a Non Honors Major. For Honors double major no mark under 60% and overall average of 70% in each module. No exceptions.  
Academic counselling is available through the Biology department or the Faculty of Science.  
www.uwo.ca/biology | **Third Year & Fourth Year:**  
Completion of courses for the Biology module and if combining with another module those necessary credits. |
| Last Updated: September 2016 |  
1.0 option |