

HONORS SPECIALIZATION IN GENETICS AND BIOCHEMISTRY (20.0 courses)

Year 1 (5.0 Courses)	Graduation Requirements	
Biology 1001A and 1002B or the former Biology 1201A and 1202B.	Breadth Requirement: 1.0 course from each of the three categories A, B and C. Please see Academic Calendar for appropriate selections Essay Requirement: 2.0 essays at UWO (1.0 must be senior level course) Senior Courses: 13.0 senior courses (numbered 2000-4999) Maximum of 7.0 first year courses. Average Requirements: - minimum overall average of 65% on the 20.0 courses - cumulative average of at least 70% on module, with no mark in any modular course less than 60% Residency Requirement: - Majority of courses in module must be completed through UWO *Note: To graduate with a BSc , you must have a total of at least 11.0 SCIENCE courses **Note: If you select a course that has prerequisites that are not part of the module they must be taken as options. Some 2 nd year courses may be delayed until 3 rd year. This form is only a guide, please consult the Academic Calendar for any updates.	
1.0 course: Chemistry 1301A and 1302B		
0.5 course from: Calculus 1301A/B , Calculus 1501A/B , Mathematics 1228A/B , Mathematics 1229A/B , Mathematics 1600A/B , Numerical and Mathematical Methods 1411A/B , Numerical and Mathematical Methods 1414A/B , Data Science 1000A/B , Applied Mathematics 1201A/B ;		
0.5 course from: Physics 1201A/B , Physics 1401A/B , Physics 1501A/B ; 0.5 course from: Physics 1202A/B , Physics 1402A/B , Physics 1502A/B ;		
1.0 options		
NOTE: 1.0 option in first year must be chosen from either the Faculty of Arts or one other Faculty		
<u>Admission to Honors Specialization Module:</u> Complete first year (5.0 courses) including: - Minimum average of 70% on 4.0 principal courses with no mark less than 60% in each of: - Biology 1001A and Biology 1002B or the former Biology 1201A and 1202B. - Chemistry 1301A/B and 1302B. 1.0 Math (both half math credits must be over 60%) 1.0 Physics (both half physics must be over 60%)		
MODULE (10.0 Courses)		
2.5 courses: Biochemistry 2280A , Biology 2581B , 2382A/B, 2290F/G and 3596F/G .		
1.0 course from: Chemistry 2213A/B and 2223B		
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.		
1.5 courses from Biochemistry 3380G, 3381A, 3382A.		
1.0 course from: Biology 3594A, 3595A, 3597B, 3598A/B.		
0.5 course from: Biology 3466B, 3592A, 3593B.		
0.5 from: Biochemistry 3385B , Biochemistry 3390B , Biochemistry 3392F/G , Biochemistry 4415B , Biochemistry 4450A ,		
1.5 courses from: Biology 4289A/B, 4510F/G, 4540G, 4560B, 4561F, 4562B, 4970F/G.		
1.0 course from: Biochemistry 4410A and 4420A.		
NOTES: Biochem 3381A requires a minimum mark of 65% in Biochem 2280A and a minimum mark of 60% in Chem 2213A/B and 2223B. Biology 3596A/B requires a minimum mark of 70% in Bio 2581B and 2290F/G Students with minimum of 70% in Biochem 2280A will be given priority in registering for Biochem 3380G		
<u>Progression Requirements</u> Minimum cumulative modular average of 70% Minimum mark of 60% in each course of module Passing grade in each option		