

Joint Honours Program (Science A: Biology; Science B: Mathematics)

The program outlined below may be varied with the approval of the chairs.

Science A Biology	48 credits:					
	BIOL 111(3) <input type="checkbox"/>	BIOL 112(3) <input type="checkbox"/>	BIOL 201(3) <input type="checkbox"/>	BIOL 202(3) <input type="checkbox"/>	BIOL 203(3) <input type="checkbox"/>	BIOL 204(3) <input type="checkbox"/>
	BIOL 391(0) <input type="checkbox"/>	BIOL 491(0) <input type="checkbox"/>	BIOL 493(3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>
	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	PHYS 100(6) <input type="checkbox"/> or PHYS 120(6) <input type="checkbox"/>	
	Additional courses must be 21 credits of BIOL at the 300 or 400 level with a minimum 3 credits at the 400 level (other than BIOL 475). It is recommended that the 21 credits be from the following courses: BIOL 301, 302, 304, 315, 317, 331, 384, 401, 402, 452. BIOL 315 may be substituted for one of BIOL 201, 202, 203 or 204.				PHYS 100(6) or 120(6) is required in the honours program and may count as Science A.	
Science B Mathematics	36 credits:					
	MATH 111(3) <input type="checkbox"/>	MATH 112(3) <input type="checkbox"/>	MATH 253(3) <input type="checkbox"/>	MATH 254(3) <input type="checkbox"/>	MATH 267(3) <input type="checkbox"/>	MATH 277(3) <input type="checkbox"/>
	MATH 354(3) <input type="checkbox"/>	MATH 366(3) <input type="checkbox"/>	MATH 367(3) <input type="checkbox"/>	STAT 231(3) <input type="checkbox"/>	CSCI 161(3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>
	Additional course must be 3 credits of MATH or STAT at the 300 or 400 level.					
Science C	6 credits:					
	CHEM 100(6) <input type="checkbox"/> or CHEM 120(6) <input type="checkbox"/>					
Arts X	12 credits in a single Humanities or Social Science discipline:					
	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>		
Arts Y	6 credits in a single Humanities or Social Science discipline:					
	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>				
Approved Electives	12 credits as approved by the Department of Biology:					
	CHEM 225(3) <input type="checkbox"/> or CHEM 220(6) <input type="checkbox"/>	CHEM 255(3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	CSCI 162(3) is recommended.	
Notes	<p><i>Grade Requirements:</i></p> <ul style="list-style-type: none"> • Overall average of 75% or better in each of the first two years. • Grades of 70 or better in each Honours course (Science A and B) with overall averages of 75% for each of Science A and Science B subjects over the first two years. • Overall average of 75% or better in each of the final two years. • Grades of 70 or better in each Honours course (Science A and B) with overall averages of 75% for each of Science A and Science B subjects in each of the final two years. 					