

# Joint Honours Program (Science A: Chemistry; Science B: Computer Science)

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

Science A Chemistry	48 credits:					
	One of: CHEM 100(6) <input type="checkbox"/> or CHEM 120(6) <input type="checkbox"/>		CHEM 220(6) <input type="checkbox"/>	CHEM 231(3) <input type="checkbox"/>	CHEM 232(3) <input type="checkbox"/>	CHEM 245(3) <input type="checkbox"/>
	CHEM 255(3) <input type="checkbox"/>	CHEM 265(3) <input type="checkbox"/>	CHEM 361(3) <input type="checkbox"/>	CHEM 362(3) <input type="checkbox"/>	CHEM 391(0) <input type="checkbox"/>	CHEM 491(0) <input type="checkbox"/>
	CHEM 493(3) <input type="checkbox"/>	Two of: CHEM 331(3) and CHEM 332(3) <input type="checkbox"/> or CHEM 341(3) and CHEM 342(3) <input type="checkbox"/> or CHEM 421(3) and CHEM 422(3) <input type="checkbox"/>				
Science B Computer Science	36 credits:					
	CSCI 161(3) <input type="checkbox"/>	CSCI 162(3) <input type="checkbox"/>	CSCI 255(3) <input type="checkbox"/>	CSCI 263(3) <input type="checkbox"/>	MATH 111(3) <input type="checkbox"/>	MATH 112(3) <input type="checkbox"/>
	MATH 253(3) <input type="checkbox"/>	MATH 254(3) <input type="checkbox"/> or MATH 267(3) <input type="checkbox"/>	MATH 277(3) <input type="checkbox"/>	STAT 231(3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>
	Additional courses must be 6 credits of CSCI at the 300 or 400 level. It is recommended that the CSCI electives include CSCI 375. MATH 384 is recommended and may be taken in lieu of a CSCI elective.					
Science C	6 credits:					
	PHYS 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 Chemistry:					
	CHEM 325(3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>		
Notes	<p><i>Grade Requirements:</i></p> <ul style="list-style-type: none"> <li>• Overall average of 75% or better in each of the first two years.</li> <li>• 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.</li> <li>• Overall average of 75% or better in each of the final two years.</li> <li>• 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.</li> </ul>					