

Joint Advanced Major Program (Science A: Computer Science; Science B: Chemistry)

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

Science A Computer Science	42 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"/>	CSCI 275(3) <input type="checkbox"/>	CSCI 491(0) <input type="checkbox"/>
	MATH 111(3) <input type="checkbox"/>	MATH 112(3) <input type="checkbox"/>	MATH 253(3) <input type="checkbox"/>	MATH 277(3) <input type="checkbox"/>	STAT 231(3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>
	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>			
Additional courses must be 6 credits of CSCI or MATH at the 300 or 400 level, plus an additional 6 credits of CSCI or MATH at any level. CSCI 493 is optional. It is recommended that the electives include CSCI 375 and MATH 384.						
Science B Chemistry	36 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"/>
	One 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"/>		CHEM 265(3) <input type="checkbox"/>	CHEM 361(3) <input type="checkbox"/>	CHEM 362(3) <input type="checkbox"/>	
Science C	6 credits:					
PHYS 100(6) <input type="checkbox"/> or 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 Mathematics, Statistics and Computer Science:					
CHEM 325(3) <input type="checkbox"/> _____ (3) <input type="checkbox"/> _____ (3) <input type="checkbox"/> _____ (3) <input type="checkbox"/>						
Open Electives	6 credits Open Electives:					
_____ (3) <input type="checkbox"/> _____ (3) <input type="checkbox"/>						
Notes	<p><i>Grade Requirements:</i></p> <ul style="list-style-type: none"> • Overall average of 65% or better in each of the first two years. • Grades of 65 or better in each Advanced Major (Science A and B) course in each of the first two years. • Overall average of 70% or better in each of the final two years. • Average of 70% or better in each Advanced Major subject (Science A and B) in each of the final two years. 					