

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

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

Science A Chemistry	42 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 341(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"/>	Two of: CHEM 331(3) <input type="checkbox"/> or CHEM 332(3) <input type="checkbox"/> or CHEM 342(3) <input type="checkbox"/> or CHEM 421(3) <input type="checkbox"/> or CHEM 422(3) <input type="checkbox"/>				
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"/>
	STAT 231(3) <input type="checkbox"/>	CSCI 161(3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>	_____ (3) <input type="checkbox"/>
	Additional courses must be 9 credits of MATH or STAT at the 300 or 400 level, plus an additional 3 credits of MATH, STAT or CSCI at any level.					
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"/>	CSCI 162(3) is recommended.	
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. 					