

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

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

Science A Mathematics	42 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 491 ₍₀₎ <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"/>	_____ ₍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 9 credits of MATH, STAT or CSCI at any level. MATH 493 is optional.							
Science B Earth Sciences	36 credits:						
	ESCI 171 ₍₃₎ <input type="checkbox"/>	ESCI 172 ₍₃₎ <input type="checkbox"/>	ESCI 201 ₍₃₎ <input type="checkbox"/>	ESCI 215 ₍₃₎ <input type="checkbox"/>	ESCI 216 ₍₃₎ <input type="checkbox"/>	ESCI 245 ₍₃₎ <input type="checkbox"/>	
	ESCI 246 ₍₃₎ <input type="checkbox"/>	ESCI 272 ₍₃₎ <input type="checkbox"/>	ESCI 375 ₍₃₎ <input type="checkbox"/> or ESCI 376 ₍₃₎ <input type="checkbox"/>	ESCI 475 ₍₃₎ <input type="checkbox"/>	_____ ₍₃₎ <input type="checkbox"/>	_____ ₍₃₎ <input type="checkbox"/>	
Additional courses must be 6 credits from ESCI.							
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 Mathematics, Statistics and Computer Science:						
PHYS 100 ₍₆₎ <input type="checkbox"/> or PHYS 120 ₍₆₎ <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. 						