

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

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 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"/>		
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"> <li>• Overall average of 65% or better in each of the first two years.</li> <li>• Grades of 65 or better in each Advanced Major (Science A and B) course in each of the first two years.</li> <li>• Overall average of 70% or better in each of the final two years.</li> <li>• Average of 70% or better in each Advanced Major subject (Science A and B) in each of the final two years.</li> </ul>						