

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

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

Science A Physics	42 credits:					
	PHYS 120 ₍₆₎ <input type="checkbox"/>	PHYS 201 ₍₃₎ <input type="checkbox"/>	PHYS 221 ₍₃₎ <input type="checkbox"/>	PHYS 241 ₍₃₎ <input type="checkbox"/>	PHYS 242 ₍₃₎ <input type="checkbox"/>	PHYS 302 ₍₃₎ <input type="checkbox"/>
	PHYS 322 ₍₃₎ <input type="checkbox"/>	PHYS 323 ₍₃₎ <input type="checkbox"/>	PHYS 325 ₍₃₎ <input type="checkbox"/>	PHYS 343 ₍₃₎ <input type="checkbox"/>	PHYS 344 ₍₃₎ <input type="checkbox"/>	PHYS 491 ₍₀₎ <input type="checkbox"/>
	_____ ₍₃₎ <input type="checkbox"/>	_____ ₍₃₎ <input type="checkbox"/>				
Additional courses must be 6 credits from PHYS.						
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"/>
	MATH 361 ₍₃₎ <input type="checkbox"/>	MATH 367 ₍₃₎ <input type="checkbox"/> or MATH 221 ₍₃₎ <input type="checkbox"/>	STAT 231 ₍₃₎ <input type="checkbox"/>	CSCI 161 ₍₃₎ <input type="checkbox"/> or CSCI 125 ₍₃₎ <input type="checkbox"/>	_____ ₍₃₎ <input type="checkbox"/>	_____ ₍₃₎ <input type="checkbox"/>
Additional courses must be 6 credits of MATH or STAT, with a minimum 3 credits at the 300 or 400 level.						
Science C	6 credits:					
	_____ ₍₃₎ <input type="checkbox"/>	_____ ₍₃₎ <input type="checkbox"/>	CHEM 100 ₍₆₎ or CHEM 120 ₍₆₎ is recommended.			
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 Physics:					
	_____ ₍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	<i>Grade Requirements:</i>					
	<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. 					