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

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

Science A Computer Science	42 credits:					
	CSCI 161(3)☐	CSCI 162(3)☐	CSCI 255(3)☐	CSCI 263(3)☐	CSCI 275(3)☐	CSCI 491(0)☐
	MATH 111(3)☐	MATH 112(3)☐	MATH 253(3)☐	MATH 277(3)☐	STAT 231(3)☐	_____(3)☐
	_____(3)☐	_____(3)☐	_____(3)☐			
	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 Biology	36 credits:					
	BIOL 111(3)☐	BIOL 112(3)☐	BIOL 201(3)☐ or BIOL 202(3)☐	BIOL 203(3)☐	BIOL 204(3)☐	_____(3)☐
	_____(3)☐	_____(3)☐	_____(3)☐	_____(3)☐	_____(3)☐	_____(3)☐
	Additional courses must be 18 credits of BIOL at the 300 or 400 level with a minimum 3 credits at the 400 level, plus an additional 3 credits from BIOL. It is recommended that the 18 credits be from the following courses: BIOL 301, 302, 304, 315, 317, 331, 384, 401, 402, 452.					
Science C	6 credits:					
	CHEM 100(6)☐ or CHEM 120(6)☐					
Arts X	12 credits in a single Humanities or Social Science discipline:					
	_____(3)☐	_____(3)☐	_____(3)☐	_____(3)☐		
Arts Y	6 credits in a single Humanities or Social Science discipline:					
	_____(3)☐	_____(3)☐				
Approved Electives	12 credits as approved by the Department of Mathematics, Statistics and Computer Science:					
	CHEM 225(3)☐ or CHEM 220(6)☐	CHEM 255(3)☐	_____(3)☐	_____(3)☐		
Open Electives	6 credits Open Electives:					
	_____(3)☐	_____(3)☐	PHYS 100(6) or PHYS 120(6) is recommended but may not count as Science A.			
Notes	*Grade Requirements:* • *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.*					