

Degree Requirements

COLLEGE OF SCIENCES

B.S. in Computer Science (Bioinformatics Concentration)

General Education Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
English		Physical Science ⁵	3
ENGL 1157	3	Humanities	
ENGL 1158 or 1159 ¹	3	FORL Sequence ⁴	6
Mathematics²		Literature ⁴	3
MATH 1126	3	Social Sciences	
MATH 2114	4	Social Sciences elective ⁴	6
Science		Arts	
BIOS 1083	3	Arts elective ⁴	3
BIOS 2114	4		
Total			39

Other Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
CSCI 1583	3	ENGL 2152	3
CSCI 1581	1	MATH 2124	4
CSCI 2120	3	MATH 2314	3
CSCI 2121	1	MATH 3721	3
CSCI 2125	3	General Electives	7
CSCI 2450	3		
BIOS 1081	1		
Humanities or Social Science Electives	3		
Total			40³

Course Requirements for Major			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
CSCI 2467	3	CSCI 4101	3
CSCI 3080	1	CSCI 4125	3
CSCI 3090	1	CSCI 4311	3
CSCI 3102	3	CSCI 4401	3
CSCI 3301	3	CSCI 4501	3
CSCI 4000	0		
Total			26

Bioinformatics Concentration			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
CSCI 4567	3	CSCI 4588	3
CSCI 4568	3	BIOS 4587	3
CSCI 4595	3		
Total			15

Total Credit Hours Required	
120	

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Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

¹ “C” or better required

² 6 credits of Math satisfy the general education requirements. Check General Education Courses to confirm what courses fulfill this requirement.

³ Includes 1 credit of Math and 1 credit of BIOS listed in general education requirements section

⁴ Check General Education Courses to confirm what courses fulfill this requirement.

⁵ Must be chosen from CHEM, EES or PHYS.