

# Degree Requirements

## COLLEGE OF SCIENCES

### Bachelor of Science in Computer Science (Bioinformatics Concentration)

General Education Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
<b>English</b>		Physical Science <sup>5</sup>	3
ENGL 1157	3	<b>Humanities</b>	
ENGL 1158 or 1159 <sup>1</sup>	3	FORL Sequence <sup>4</sup>	6
<b>Mathematics<sup>2</sup></b>		Literature <sup>4</sup>	3
MATH 1126	3	<b>Social Sciences</b>	
MATH 2114	4	Social Sciences elective <sup>4</sup>	6
<b>Science</b>		<b>Arts</b>	
BIOS 1083	3	Arts elective <sup>4</sup>	3
BIOS 2114	4		
<b>Total</b>			<b>39</b>

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		
<b>Total</b>			<b>40<sup>3</sup></b>

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		
<b>Total</b>			<b>26</b>

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		
<b>Total</b>			<b>15</b>

Total Credit Hours Required	
<b>120</b>	

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#### Additional Requirement

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

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<sup>1</sup> “C” or better required

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

<sup>3</sup> Includes 1 credit of Math and 1 credit of BIOS listed in general education requirements section

<sup>4</sup> Check General Education Courses to confirm what courses fulfill this requirement.

<sup>5</sup> Must be chosen from CHEM, EES or PHYS.