

Degree Requirements

COLLEGE OF SCIENCES

B.S. in Computer Science (Information Assurance Concentration)

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

Other Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
CSCI 1583	3	Math 1125 or Elective	3
CSCI 1581	1	MATH 2124	4
CSCI 2120	3	MATH 2314	3
CSCI 2121	1	MATH 3721	3
CSCI 2125	3	MATH ⁷ or CSCI Electives ⁸	6
CSCI 2450	3	Science Electives	3
ENGL 2152	3	Science Labs ³	2
Elective	1	Humanities or Social Science Elective	3
Total			43³

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

Information Assurance Concentration			
Course Name/#	Credit Hours	Course Name/#	Credit Hours
CSCI 4621	3	Project Oriented CSCI Elective (Choose CSCI 4208, 4402, 4460, or 4620; other suitable project oriented CSCI courses may be allowed in this category.)	3
CSCI 4623	3	Non-technical elective (Choose MATH 4530 or MANG 4410 or POLI 4410; other suitable non-technical courses may be allowed in this category.)	3

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	Total	12
Total Credit Hours Required		120
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 listed in general education requirements section

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

⁵ 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS and the other must be CHEM, EES, or PHYS. Select the 6 hour sequence from BIOS 1073 and 1083 (recommended), or CHEM 1017 and 1018, or PHYS 1031 and 1032, or PHYS 1061 and 1062.

⁶ Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and 1081, or CHEM 1007 and 1008, or PHYS 1033 and 1034, or PHYS 1063 and 1065.

⁷ MATH electives, unless otherwise specified, must have a prerequisite of at least MATH 2124 or its equivalent.

⁸ CSCI electives must be at the 3000 level or above.