

Computer Science & Information Systems

A.A.S. Computer Science and Information Systems: Software Development 200511 Revised 101/2019 (Fall 2020)

COLL 100	First Year Seminar	1		
General Education Requirements		Credits	Semester Taken	Prerequisites
ENGL 101	Composition & Reading I	3		ENGL 90 with a minimum grade of S or appropriate placement score
HIST 120	United States History to 1865 <i>or</i>			
HIST 121	United States History Since 1865 <i>or</i>			
POLS 136	Introduction to U.S. National Politics	3		
COMM 100	Fundamentals of Speech or	3		ENGL 90 with a minimum grade of S or appropriate placement score.
COMM 102	Fundamentals of Human Communications			
MATH 120	or higher	3		
<i>Any course numbered 100 or above from the following disciplines:</i> ART, ANTH, COMM, ECON, ENGL, Foreign Language, GEOG (105 & 113), HIST, HUMN, MUSI, PHIL, POLS, PSYC, SIGN, SOSOC, SOCI, THEA		3-5		
<i>Any course numbered 100 or above from the following disciplines:</i> BIOL, CHEM, GEOG (104 & 110), GEOL, MATH 120 or above, PHYS		3-6		
Minimum Total General Education Credit Hours		18-23		
Specific Program Requirements		Credits	Semester Taken	CSIS Prerequisites must have a C or higher
BUSN 105	Business Communications	3		ENGL 90 with a minimum grade of S or appropriate placement score.
CSIS 110	Information Technology Fundamentals	3		
CSIS 115	Computer Concepts and Applications	3		
Emphasis Area				
CSIS 119	Scripting Fundamentals	3		CSIS 110
CSIS 123	Programming Fundamentals	3		MATH 31 w/ a S grade or appropriate placement
CSIS 128	Web Development	3		CSIS 115 w/ a C or higher
CSIS 143	Database Design and Management	3		CSIS 115
CSIS 152	Linux Operating System	3		CSIS 110
CSIS 161	Networking Fundamentals	3		CSIS 110
CSIS 170	Principles of Information Assurance	3		CSIS 110
CSIS 222	Object-Oriented Programming with Java	3		CSIS 123 w/a C or higher
CSIS 223	Object-Oriented Programming with C++	3		CSIS 123 w/a C or higher
CSIS 228	Advanced Web Development	3		CSIS 128
CSIS 279	Web Database Programming	3		CSIS 123, 128, and 143
Total Credit Hours Required		61-66		