Integrated Studies - Software Development Emphasis, BA/BS

Software Development Emphasis Requirements

27 credits

Code	Title	Hours
Emphasis Requirements		
CS 1400	Fundamentals of Programming	3
CS 1410	Object Oriented Programming	3
CS 2420	Introduction to Algorithms and Data Structures	3
CS 2810	Computer Organization and Architecture	3
Complete 15 credits from the following:		
CS 2100	Discrete Structures	3
CS 3005	Programming in C++	3
CS 3400	Operating Systems	3
CS 3410	Distributed Systems	3
CS 3500	Game Development	3
CS 3510	Algorithms	3
CS 3520	Programming Languages	3
CS 3530	Computational Theory	3
CS 3600	Graphics Programming	3
CS 4300	Artificial Intelligence	3
CS 4550	Compilers	3

Notes:

1. Students may only apply one Computer & Information Technology Emphasis to an Integrated Studies degree.
2. Students must select and complete two emphases and Core Requirements.
3. A grade C or higher in each Emphasis Area course is required.