

Computing Technology, BS

Degree Requirements in Computing Technology

Candidates for the B. S. Computing Technology degree must complete the following courses:

Core

CMP SCI 1250	Introduction to Computing	3
CMP SCI 2250	Programming and Data Structures	3
CMP SCI 2261	Object-Oriented Programming	3
CMP SCI 2700	Computer Organization and	3
CMP SCI 2750	System Programming and Tools	3
CMP SCI 3010	Web Programming	3
CMP SCI 3760	Cyber Threats and Defense	3
or CMP SCI 3780	Software Security	
CMP SCI 4010	Advanced Web Development with Java	3
CMP SCI 4500	Introduction to the Software Profession	3
CMP SCI 4610	Database Management Systems	3
INFSYS 3844	Developing Business Applications in .NET	3
INFSYS 3868	Secure Software Development	3

Computer Science Electives

Select **five** **six** more elective computer science courses, numbered 3000 and above. (May use up to two information system courses as part of this requirement with permission of the department chair.)

15 **18**

Mathematics and Statistics		
MATH 1320	Introduction to Probability and	3
MATH 1800	Analytic Geometry and Calculus I	5
MATH 3000	Discrete Structures	3
Additional Skills		
ENGL 3130	Technical Writing	3
Total Hours		68

There are no related area requirements for majors in Computing Technology.

Sign-offs from other departments affected by this proposal

Department	Contact Person	Phone #	Objections
S005150	Dinesh Mirchandani		No
Rationale	After reviewing the final program we noticed it is quite a few major hours smaller than the existing program. To bring those two closer together, and to recognize growing importance on cyber education, we are adding a core course and adding an elective.		