

Computing Technology, BS

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

Core		
CMP SCI 1000	Computer Science Experiences	1
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 Architecture	3
CMP SCI 2750	Linux Environment and Programming	3
CMP SCI 3010	Web Programming	3
CMP SCI 3702	Introduction to Cyber Threats and Defense	3
or CMP SCI 3780	Software Security	
CMP SCI 4010	Web Development with Java	3
CMP SCI 4500	Introduction to the Software Profession	3
CMP SCI 4610	Database Management Systems	3
INFSYS 3820	Introduction to Systems Administration	3
INFSYS 3844	Developing Business Applications in .NET	3
INFSYS 3868	Secure Software Development	3

Computer Science Electives

Select 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.) 18

Mathematics and Statistics

MATH 1320 Introduction to Probability and Statistics 3

MATH 3000 Discrete Structures 3

MATH 1100 Basic Calculus 3-5

or MATH 1800 Analytic Geometry and Calculus I

Additional Skills

ENGL 3130 Technical Writing 3

Total Hours 67-69

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 InfSys 3820 is much more useful for the program as it focuses more specifically on various technologies at the IT level.