

Computer Science, BS

~~Declaring the Computer Science Major~~

~~Students seeking to major in computer science are first designated as “pre-computer science majors” until they have completed CMP SCI 2750 or equivalent course. Upon successful completion of this course with a grade of C- or better, students will be allowed to declare computer science as their major. This course must be completed successfully within two attempts.~~

Degree Requirements in Computer Science

Candidates for the B. S. Computer Science degree must complete the following work:

1) Computer Science 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 Full Stack Development	3
CMP SCI 3130	Design and Analysis of Algorithms	3
CMP SCI 4250	Programming Languages	3
CMP SCI 4280	Program Translation Project	3
CMP SCI 4500	Introduction to the Software Profession	3
CMP SCI 4760	Operating Systems	3

2) Computer Science Electives

Select five more elective computer science courses, numbered above 3000.	15
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3) Mathematics and Statistics

MATH 1320	Introduction to Probability and Statistics	3
MATH 1800	Analytic Geometry and Calculus I	5
MATH 1900	Analytic Geometry and Calculus II	5
MATH 2450	Elementary Linear Algebra	3
MATH 3000	Discrete Structures	3

4) Additional Skills

ENGL 3130	Technical Writing	3
Total Hours		71

There are no related area requirements for majors in Computer Science

Justification for request:

Removing pre-major language never implemented. Updating delivery.