Requirements for the Major in Computer Science

The Degree of Bachelor of Science in Computer Science must include:

- CSC 1500 - Computer Science I 3 cr.
- CSC 1550 - Computer Science II 3 cr.
- CSC 1600 - Introduction to Electronics 4 cr.
- CSC 1650 - Digital Electronics 4 cr.
- CSC 2560 - Systems Programming 3 cr.
- CSC 2600 - Computer Organization 4 cr.
- CSC 3100 - Operating Systems 3 cr.
- CSC 3200 - Programming Languages 3 cr.
- CSC 3600 - Microprocessors 4 cr.
- CSC 3700 - Algorithms and Data Structures 3 cr.
- CSC 4102 - Ethical Issues in Computer Science 1 cr.
- CSC 4400 - Software Engineering 3 cr. +

- CSC 1900 - Discrete Mathematics 3 cr. or
- MATH 1900 - Discrete Mathematics 3 cr.

- MATH 1300 - Precalculus 3 cr. *
- MATH 1800 - Business Statistics 3 cr.
- MATH 2300 - Calculus I 4 cr.
- MATH 2400 - Calculus II 4 cr.
- MATH 2600 - Linear Algebra 3 cr.
- One Additional Math at the 3000 level
- PHYS 2300 - General Physics I 4 cr.
- PHYS 2400 - General Physics II 4 cr.
- SPCH 1000 - Introduction to Speech Communication 3 cr.
- Five CS electives at or above 3000 level

* Waived if score of 95 or higher is achieved on College level Math Accuplacer Exam.

+ Course used to satisfy Junior/Senior Writing, and Speaking and Listening requirements. Computer Literacy requirement is satisfied by CS core.

For full course descriptions, please go to the University Catalog.