

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