

# Computer Science

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## Minor

### 18 Credit Hours

*This program is offered by the George Herbert Walker School of Business and Technology/Computer and Information Sciences Department. It is available at the St. Louis main campus and at the Geneva campus.*

For information on the general requirements for a minor, see Minor under the Academic Policies and Information section of this catalog.

### Learning Outcomes

- Students will demonstrate an introductory understanding of computer science concepts and principles.
- Students will demonstrate the ability to successfully design and write computer programs.
- Students will be able to critically analyze the role of technology in society.

### Required Courses

- COSC 1550 Computer Programming I (3 hours)
- COSC 1560 Computer Programming II (3 hours)
- COSC 1570 Mathematics for Computer Science (3 hours)
- COSC 2710 Social Engineering and Society (3 hours)

### Choose two of the following:

- COSC 2610 Operating Systems (3 hours)
- COSC 2670 Network Principles (3 hours)
- COSC 2810 Systems Analysis and Design (3 hours)
- COSC 2050 Java Programming (3 hours)
- COSC 2110 Computer Languages\* (3 hours)

\*Computer language content must vary