

## CMPSC 1500 Program Design

4 hours

### Majors, Minors & Degrees:

#### **Majors**

Integrative Data Science (B.A., B.S.)

Mathematics (B.A., B.S.)

#### **Minors**

Computer Science

### Departments/Programs:

Mathematics and Computer Science

A disciplined approach to the development of programs to solve problems on a computer. Topics include data types, control structures, abstraction, and software development. A lab component introduces a high-level programming language and software tools.

*Prerequisite(s): CMPSC 1000 Introduction to Computational Problem Solving or permission of the instructor.*  
(Normally offered each spring semester.)