

## CMPSC 2100 Python Programming II

4 hours

### Majors, Minors & Degrees:

#### **Majors**

Data Analytics (B.A., B.S.)

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

#### **Minors**

Computer Science

### Departments/Programs:

Mathematics and Computer Science

A project-based continuation of the techniques developed in [CMPSC 1100 Python Programming I](#). Topics include object-oriented programming, algorithm design and analysis, data structures, and general problem-solving techniques (such as recursion) while following industry-standard software development principles.

*Prerequisite(s): Grade of "C" or better in [CMPSC 1100 Python Programming I](#) or permission of instructor.*