

**Course:**

**CMPSC 2100 Python Programming II**

4 hours

**Majors, Minors & Degrees:**

**Majors**

Data Analytics (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.*