

# SUMMER 2020

## Computer Science

Extended Campus / Distance Education

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**CS 391-950 / CS 491-951**

**ONLINE COURSE**

Instructor –  
Dr. Banafsheh Rekabdar

### **Advanced Python Programming**

In this course students are initially introduced to basics of Python language and the development environment. It then continues to introduce other fundamental programming concepts to demonstrate the versatility of the Python language. Topics covered include data structure, string manipulation, practical problem solving, web development, databases, manipulating and visualizing datasets, etc. Students are expected to be comfortable with at least one other programming language before taking this course.

**Prerequisite:** CS 202 and CS 215 with a grade of C or better, or graduate level standing.

**Textbook:** No textbook required.