Overview

Programming in Python provides an overview of the Python programming language to graduate students in the Master of Science in Data Analytics program. This course presents the basics of programming with Python as well as the use of powerful libraries to perform common tasks with ease. In addition, students will learn how to perform screen scraping, a useful way to gather data from the world wide web. There are no prerequisites for this course.

Competencies

▲ Readiness
This competency exists to assess the readiness of students.

▲ Tools for Data Collection, Exploration, and Preparation
The graduate performs data collection, exploration, and preparation activities.

▲ Python for Data Wrangling
The graduate integrates Python elements to create scripts that support data wrangling activities.

▲ Python as a Programming Language
The graduate integrates Python elements to create programming solutions.

Learning

Getting Started
Welcome to Programming in Python. This course uses the SmartAuthor learning platform which contains all the necessary reading materials, videos, and knowledge checks to prepare you for the course assessment. In order to gain the best understanding of the course content, complete each assigned lesson. To help you track your progress, follow the pacing guide located in the Welcome section of the course.

Your competence will be demonstrated by the successful completion of a performance assessment. Select the ‘Go to Course Materials’ button to begin.
Course Instructor Group

cmdatabase@wgu.edu

Course Instructor Responsibility

How to Work with Course Instructors