

# Intro to Python Programming Course (Self-Paced)

Build Python skills from scratch, gaining the syntax, logic, and programming thinking that'll prepare you for a career in data science or web development.

Group classes in Live Online and onsite training is available for this course. For more information, email [onsite@graduateschool.edu](mailto:onsite@graduateschool.edu) or visit: <https://www.graduateschool.edu/courses/intro-to-python-programming-self-paced>



[support@graduateschool.edu](mailto:support@graduateschool.edu) •

[\(888\) 744-4723](tel:(888)744-4723)

## Course Outline

### Python Fundamentals

#### Data Types & Variables

- Statements & Expressions
- Variables
- Integers & Floats
- Strings

#### Data Structures & Attributes

- Functions & Methods
- Lists
- Indexing & Slicing
- Booleans

### Structuring Programs

#### Complex Data Structures & Control Flow

- Dictionaries
- Conditional Statements
- For Loops
- Creating Functions

#### Packages & Object Oriented Programming

- Classes & Objects
- Modules & Imports
- Packages & Documentation