

# Intro to Python Programming

This Python course is designed for students to learn to code from scratch and become comfortable with programming in Python. Students will learn the syntax, principles, and thought processes that programming entails.

Group classes in NYC and onsite training is available for this course. For more information, email [contact@nyimtraining.com](mailto:contact@nyimtraining.com) or visit: <https://training-nyc.com/courses/python-programming>



[contact@nyimtraining.com](mailto:contact@nyimtraining.com) • [\(212\) 658-1918](tel:(212)658-1918)

## 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