

# Introduction to Python Programming

**Total Hours:** 60 (6 ECTS)

**Target Audience:** Beginners

**Prerequisites:** None

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## Course Overview

This course introduces students to the fundamentals of Python programming, covering essential concepts and techniques for effective coding and problem-solving. Designed for beginners, it builds a solid foundation in programming, from basic syntax and data manipulation to structured programming and debugging skills.

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**Module 1: Introduction to Python**

**Module 2: Data Types and Operators**

**Module 3: Control Flow**

**Module 4: Data Structures**

**Module 5: Functions**

**Module 6: Error Handling and Debugging**

**Module 7: Introduction to Object-Oriented Programming**

**Module 8: Final Project**