

# The Department of Mathematics

2022–23–A term

**Course Name** Introduction to Programming with Python

**Course Number** 202.1.9041

**Course web page**

<https://www.math.bgu.ac.il/en/teaching/fall2023/courses/introduction-to-program>

**Office Hours** <https://www.math.bgu.ac.il/en/teaching/hours>

## Abstract

## Requirements and grading<sup>1</sup>

## Course topics

- Variable types: Numbers and strings, basic operations
- Input and output
- Conditionals and loops
- Lists, dictionaries and other data types
- Functions
- Recursions
- Object oriented programming
- Modules
- Introduction to computational complexity

---

<sup>1</sup>Information may change during the first two weeks of the term. Please consult the webpage for updates