

# The Department of Mathematics

2019–20–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/fall2020/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

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