



Python Crash Course for MSc Students

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Introduction

Questions

- How many of you have used Python?
- How many have coded in another language?
- How many of you have installed Python?

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Course objectives:

- The objective of this course is to give an introduction to Python and the essentials of Python programming.
- This course consists of around eight hours of practical sessions and lectures.
- **The best way to learn the software is using it.**
- There will be no grades and no such thing as a stupid question.
- Course website:
<https://courses.maths.ox.ac.uk/course/view.php?id=6271>

Introduction

Timetable

MONDAY 6TH OCTOBER

11:00 – 12:30	Introduction Theory 0: Basic operations with the command window Practical 0
13:30 – 15:00	Theory 1: Jupyter Notebooks, Logic, Control Structures & Lambda Functions Practical 1
15:30 – 17:00	Practical 1 (cont.) Theory 2: Scripts & Functions

TUESDAY 7TH OCTOBER

11:30 – 13:00	Practical 2
14:00 – 15:00	Theory 3: Plotting & Visualisation Practical 3
15:30 – 17:00	Practical 3 (cont.)
