



MATLAB Crash Course for MSc Students

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Introduction

Questions

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

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Course objectives:

- The objective of this course is to give an introduction to Matlab and the essentials of Matlab programming.
- This course consists of around nine 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://www.maths.ox.ac.uk/members/students/postgraduate-courses/msc-mmsc/introduction-matlab>

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Timetable

MONDAY, OCTOBER 4th

Room	Time	Topic
L5	11:00 – 12:30	Introduction Theory 0: Basic operations with the command window Practical 0
L5	13:30 – 15:00	Practical 0 (cont.) Theory 1: Scripts, Logic, Control Structures & Anonymous Functions
L5	15:30 – 17:00	Practical 1

TUESDAY, OCTOBER 5th

L5	10:00 – 11:00	Theory 2: Cell arrays, Functions & Programming Practical 2
L5	11:30 – 13:00	Practical 2 (cont.)
L5	14:00 – 15:30	Theory 3: Graphics Theory 4: Built in Functions Practicals 3 & 4

Introduction

A first look

- Command window
- Calculator mode
- History
- Variables
- Workspace
- Editor
- Current folder
- help
- doc