

# Resources – Programming <sup>v3</sup>

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## General Programming

1. Lynda - Programming Foundations: Fundamentals ([link](#))
2. Lynda - Programming Foundations: Real-World Examples ([link](#))
3. TutorialsPoint website ([link](#))
4. Code Academy website ([link](#))
5. Software Carpentry ([link](#))

## MATLAB

1. Web – Practical Introduction to MATLAB ([link](#))
2. Lynda – MATLAB 2018 Essential Training ([link](#))
3. Lynda – Learning MATLAB ([link](#))
4. Coursera – Introduction to Programming with MATLAB ([link](#))
5. UCL Science Library - Brian D. Hahn, Essential MATLAB for scientists and engineers, Butterworth-Heinemann, 2002
6. UCL Science Library - David C. Kuncicky, MATLAB programming, Pearson Education, 2004
7. Programming with MATLAB – Software Carpentry ([link](#))

## Python

1. Lynda – Learning Python ([link](#))
2. Lynda – Python Essential Training (intermediate level) ([link](#))
3. Lynda – Code Clinic: Python (intermediate level) ([link](#))
4. Lynda – Learning the Python 3 Standard Library (it says intermediate, but I think it is beginner) ([link](#))
5. Coursera – Programming for Everybody (Getting Started with Python) ([link](#))
6. Coursera – Python Programming: A Concise Introduction ([link](#))
7. Plotting and Programming in Python – Software Carpentry ([link](#))

## Courses at UCL

1. MATLAB – Beginner; with Amir-Homayoun Javadi ([link](#))
2. MATLAB – Intermediate; with Amir-Homayoun Javadi ([link](#))
3. MATLAB – Advanced; with Amir-Homayoun Javadi ([link](#))
4. Python – Beginner; with Amir-Homayoun Javadi ([link](#))

5. Python – Intermediate; with Amir-Homayoun Javadi ([link](#))
6. Bitesize Programming; with Amir-Homayoun Javadi ([link](#))

## Note

To access Lynda ([link](#)) you need to click on “Sign In”, then “Sign in with Organisational Account” and then enter your email organisational address. If the option that you receive is “Sign in with Organisational Portal”, then you need to enter ucl.ac.uk to log in.