

Scripting for Life Science Researchers

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Date: 9 – 10 May, 2019 (2020)

Location: LUMC, Leiden

Duration: 2 days

This course is designed for researchers, including PhD students and postdocs, who frequently handle large datasets or large numbers of files (images, sequence reads, mass spectra etc.) and who needs a more efficient way of working with such data. The course is equally suitable for those working with Windows, Mac OS X or Linux. No prior knowledge of operating systems is needed, the course includes an optional introduction to Linux and an installation practical for Windows and Mac OS X users.

The goal of the course is to empower students and researchers with backgrounds in biology or biomedicine to navigate, manage and perform operations on files and data and metadata in tabular text formats. The data may be microscopy images, FASTA sequences, gene ontology files, chromatograms, mass spectra or tables with data on genes or proteins. The course is not a general introduction to programming and will not deal with XML data, Web services or more advanced topics.

The course is free of charge for MGC personnel. For participants from outside these institutes the course fee is 250 euro