Medical Physics and Biomedical Engineering

Information Processing in Medical Imaging (MPHY0025)

Description
This module provides an essential introduction to theory and practice for information processing methods in medical imaging and computing.

For students who have basic prior mathematics knowledge and programming experience, detailed concepts and examples of these “building block” topics are introduced.

These, including medical image registration, segmentation and modern machine learning, are important computational components for understanding, developing and applying more advanced, applications-specific approaches in real-world medical imaging applications.

Key information

Year 2018/19
Credit value 15 (150 study hours)
Delivery PGT L7, Campus-based
Reading List View on UCL website
Tutor Dr Marc Modat
Term Term 2
Timetable View on UCL website

Assessment

- Coursework: 50%
- Written examination (main exam period): 50%

Find out more

For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.