Medical Physics and Biomedical Engineering

Radiotherapy Physics (MPHY0028)

Description
This module covers the principles and techniques of radiotherapy and its associated instrumentation.

The course covers the following topics:
1. Medical linear accelerators;
2. Radiotherapy dose distributions;
3. Conformal radiotherapy;
4. Proton therapy;
5. Brachytherapy Treatment planning;
6. Radiobiology Quality assurance;

Key information

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

Assessment

- Written examination (main exam period): 100%

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.