Medical Physics and Biomedical Engineering

Treatment with Ionising Radiation (MPHY0038)

Description

The course is intended to provide the basic knowledge which a medical physicist working in a radiotherapy department would be expected to have. This includes: a knowledge of how quantities of radiation and radiation doses are measures, including the theory of radiation detectors and dosemeters; a knowledge of how cells are affected by exposure to ionising radiation and the mechanisms involved; knowledge of how the treatment plan for a patient is developed and carried out; a knowledge of the risks involved in the use of ionising radiation; and the concept of risk and radiation protection.

Key information

Year 2019/20
Credit value 15 (150 study hours)
Delivery UG L6, Campus-based
Reading List View on UCL website
Tutor Prof Gary Royle
Term Term 1
Timetable View on UCL website

Assessment

- Written examination (main exam period): 60%
- Group coursework: 40%

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 August 2019. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.
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Key information

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