Clinical Engineering (MPHY0009)

Description
The purpose of this module is to provide technical and practical information to enable a good level of familiarity with medical devices typically found in a clinical environment. Characteristics of equipment such as engineering principles, medical purpose, user operation, maintenance, design appraisal, and common faults will be presented. Aims & Objectives To apply electronics and physics knowledge to both the design and use of a number of clinical medical devices To be able to understand the use of clinical medical devices from a number of key perspectives To be familiar enough with clinical medical devices to: - diagnose common equipment problems efficiently - prioritise clinical engineering activities - suggest improvements to existing equipment design

Key information
- Year: 2020/21
- Credit value: 15 (150 study hours)
- Delivery: UG L5, Campus-based
- Reading List: View on UCL website
- Tutor: Dr Julian Henty
- Term: Term 1
- Timetable: View on UCL website

Assessment
- Written examination (main exam period): 60.0%
- Coursework: 10.0%
- Report: 10.0%
- Oral examination (departmentally managed): 10.0%
- Practical examination (departmentally managed): 10.0%

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 March 2020. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.