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**: 2019/20
- **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%
- 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 June 2019. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.