Medical Physics and Biomedical Engineering

Cardiac Engineering (MPHY0002)

Description
Our Cardiac Engineering module acts as an introduction to biomedical engineering, but we felt it was important also to provide a focus so that we can study a particular area in depth. The heart is ideal for this, as is it an electrical pump, so provides opportunities to study medical electronics, mechanics, fluid mechanics and imaging, all in the context of a safety-critical organ.

Key information
- **Year**: 2019/20
- **Credit value**: 15 (150 study hours)
- **Delivery**: UG L4, Campus-based
- **Reading List**: View on UCL website
- **Tutor**: Dr Rebecca Yerworth
- **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](http://ucl.ac.uk)