Medical Physics and Biomedical Engineering

Anatomy and Physiology with Biomedical Applications (MPHY0008)

**Description**

The purpose of this module is to provide students with an overview of human anatomy and physiology such that they can intelligently develop biomedical engineering solutions and understand clinical college.

**Aims:**

1. To be able to describe the biochemical and structural organization of the body;
2. To be able to describe the functions of the main organs of the body;
3. To be familiar with some basic pathologies and how they affect the function of the body;
4. To understand how biomedical engineering is used in the treatment of the conditions chosen for the Case Studies;

**Key information**

- **Year**: 2018/19
- **Credit value**: 15 (150 study hours)
- **Delivery**: UG L5, Campus-based
- **Reading List**: View on UCL website
- **Tutor**: Dr Rebecca Yerworth
- **Term**: Term 1
- **Timetable**: View on UCL website

**Assessment**

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

**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.