Physics for Biomedical Engineering (MPHY0007)

**Description**

This is a largely traditional physics course which will be taught mainly through lectures.

There will be additional reading material for students, some to read before lectures and some to read afterwards.

**Aims:**

1. To provide the physics background which is necessary for a biomedical engineer;

2. To familiarize biomedical engineers with concepts in contemporary physics so that they can draw on those general scientific principles with confidence;

**Objectives:**

On completion of this module you will:

- Be able to explain basic concepts in physics to another undergraduate;
- Be able to perform basic calculations in physics;
- Understand the range of physical principles and appreciate how they underpin biomedical engineering;
- Apply your knowledge of physics to biomedical engineering applications.

**Key information**

<table>
<thead>
<tr>
<th>Year</th>
<th>2018/19</th>
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<tbody>
<tr>
<td>Credit value</td>
<td>15 (150 study hours)</td>
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<tr>
<td>Delivery</td>
<td>UG L5, Campus-based</td>
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<tr>
<td>Reading List</td>
<td><a href="#">View on UCL website</a></td>
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<tr>
<td>Tutor</td>
<td>Dr Peter Munro</td>
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<tr>
<td>Term</td>
<td>Term 1</td>
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<tr>
<td>Timetable</td>
<td><a href="#">View on UCL website</a></td>
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**Assessment**

- Written examination (main exam period): 80%
- Report: 20%

**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)