Medical Physics and Biomedical Engineering

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**

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<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="ucl.ac.uk">View on UCL website</a></td>
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<tr>
<td>Tutor</td>
<td>Dr Peter Munro</td>
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<td>Term</td>
<td>Term 1</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](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.