Study with us

About your course

Courses covered

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LMDDTOX</td>
<td>MSc Drug Discovery and Toxicology</td>
</tr>
<tr>
<td>LMCANIM</td>
<td>MSc Cancer Immunotherapy</td>
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You can find full details of your course in the *Programme Specification*.

Important points

The programmes are designed to provide a postgraduate education in Pharmacology for graduates in the Biosciences or Biological Chemistry. A strong practical foundation is provided in the first semester with the study of modules that concentrate on the basic principles and techniques used in modern translational medicine investigations, and on aspects of molecular biology and bioinformatics. Students on both programmes share a module on Molecular Cell Biology and Immunology in semester A with students on other pathways on postgraduate Biosciences programmes.

In the second semester there is a progression to problem-based learning (PBL) to develop an in-depth understanding of drug discovery and development and molecular medicine. Students will also learn how to apply pharmacological and physiological principles to the interpretation of case studies in drug discovery and cancer immunotherapy. The programmes share the Molecular Medicine module and there will also be a pathway specific module in semester B. For the MSc Cancer Immunotherapy, the pathway specific module is Contemporary Topics in Cancer Immunotherapy and for the MSc Drug Discovery and Toxicology, it is Contemporary Topics in Drug Discovery and Toxicology.

The research project completed in the final semester may include aspects of gastrointestinal pharmacology (particularly with respect to diabetes), angiogenesis, cancer immunotherapy, molecular pharmacology of vascular disease and drug metabolism.

The use of problem-based learning approaches is a key feature of the programmes and will promote development of investigative skills, the ability to work in a group and confidence in the investigation of new research areas.

The programmes are assessed by 100% coursework that includes various assessments such as writing lab reports, presenting seminars, writing mini-portfolios, PBL reports, viva-voce and in-class tests. Please note that the coursework includes in-class tests.

The programmes are offered as one-year full time courses and two-year part time courses.
**Academic Year**

**Academic Year 2020 – 2021**

The University’s academic year is made up of 3 Semesters. Normally most postgraduate programmes use Semesters A, B and C. Each of these is made up of 12 teaching weeks.

- Semester A runs from Monday 21 September 2020 to Friday 15 January 2021
- Semester B runs from Monday 18 January 2021 to Friday 21 May 2021
- Semester C runs from Monday 24 May 2021 to Friday 17 September 2021

**Additional expenses**

<table>
<thead>
<tr>
<th>Description</th>
<th>Year</th>
<th>Mandatory/ Optional</th>
<th>Estimated cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Textbook for each module</td>
<td>1</td>
<td>Optional</td>
<td>£60x4=£240</td>
</tr>
<tr>
<td>Travel expenses if research project is carried out in industry</td>
<td>1 or 2</td>
<td>optional</td>
<td>£100- £200</td>
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</table>

No additional expenses have been specified for this course. Lab coats and laboratory log books will be provided as part of the course fee.