Biochemical Engineering

Commercialisation of Research Ideas (BENG0008)

Description
This course is designed to provide a structured approach to understanding the ways in which a discovery in bioprocessing and the life sciences is taken through to a real outcome. The students will learn about ways of evaluating potential commercial opportunities, selecting an optimal route for their commercial exploitation and constructing business plans in order to raise appropriate funding. The bioprocessing and life sciences industries have many unique features that distinguish them from other fast-growing sectors. The contents of the course are designed to achieve the aims outlined above by focusing on the factors and constraints that define successful operations in these industries.

Upon completion of the course, a student should be able to:

- Understand the technical and commercial assessment of research projects
- Appreciate the process of planning and applying for a research patent
- Understand the requirements for clinical trials
- Assess a manufacturing facility requirements and outsource alternatives
- Understand the structure a business plan
- Ascertain an understanding of financial aspects of a start-up

Key information

<table>
<thead>
<tr>
<th>Year</th>
<th>2018/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit value</td>
<td>15 (150 study hours)</td>
</tr>
<tr>
<td>Delivery</td>
<td>UG L5, Campus-based</td>
</tr>
<tr>
<td>Reading List</td>
<td><a href="#">View on UCL website</a></td>
</tr>
<tr>
<td>Tutor</td>
<td>Prof Eli Keshavarz Moore</td>
</tr>
<tr>
<td>Term</td>
<td>Term 2</td>
</tr>
<tr>
<td>Timetable</td>
<td><a href="#">View on UCL website</a></td>
</tr>
</tbody>
</table>

Assessment

- Written examination (main exam period): 70%
- Coursework: 100%
- Coursework: 30%

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.
Commercialisation of Research Ideas (BENG0008)

**Description**

This course is designed to provide a structured approach to understanding the ways in which a discovery in bioprocessing and the life sciences is taken through to a real outcome. The students will learn about ways of evaluating potential commercial opportunities, selecting an optimal route for their commercial exploitation and constructing business plans in order to raise appropriate funding. The bioprocessing and life sciences industries have many unique features that distinguish them from other fast-growing sectors. The contents of the course are designed to achieve the aims outlined above by focusing on the factors and constraints that define successful operations in these industries.

Upon completion of the course, a student should be able to:

- Understand the technical and commercial assessment of research projects
- Appreciate the process of planning and applying for a research patent
- Understand the requirements for clinical trials
- Assess a manufacturing facility requirements and outsource alternatives
- Understand the structure a business plan
- Ascertain an understanding of financial aspects of a start-up

**Key information**

- **Year**: 2018/19
- **Credit value**: 15 (150 study hours)
- **Delivery**: PGT L7, Campus-based
- **Reading List**: View on UCL website
- **Tutor**: Prof Eli Keshavarz Moore
- **Term**: Term 2
- **Timetable**: View on UCL website

**Assessment**

- Coursework: 30%
- Written examination (main exam period): 70%

**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.
Commercialisation of Research Ideas (BENG0008)

Description
This course is designed to provide a structured approach to understanding the ways in which a discovery in bioprocessing and the life sciences is taken through to a real outcome. The students will learn about ways of evaluating potential commercial opportunities, selecting an optimal route for their commercial exploitation and constructing business plans in order to raise appropriate funding. The bioprocessing and life sciences industries have many unique features that distinguish them from other fast-growing sectors. The contents of the course are designed to achieve the aims outlined above by focusing on the factors and constraints that define successful operations in these industries.

Upon completion of the course, a student should be able to:

- Understand the technical and commercial assessment of research projects
- Appreciate the process of planning and applying for a research patent
- Understand the requirements for clinical trials
- Assess a manufacturing facility requirements and outsource alternatives
- Understand the structure a business plan
- Ascertain an understanding of financial aspects of a start-up

Key information

<table>
<thead>
<tr>
<th>Year</th>
<th>2018/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit value</td>
<td>15 (150 study hours)</td>
</tr>
<tr>
<td>Delivery</td>
<td>UGM L7, Campus-based</td>
</tr>
<tr>
<td>Reading List</td>
<td>View on UCL website</td>
</tr>
<tr>
<td>Tutor</td>
<td>Prof Eli Keshavarz Moore</td>
</tr>
<tr>
<td>Term</td>
<td>Term 2</td>
</tr>
<tr>
<td>Timetable</td>
<td>View on UCL website</td>
</tr>
</tbody>
</table>

Assessment

- Coursework: 30%
- Written examination (main exam period): 70%

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.