

Biochemical Engineering

Advanced Enterprise Implementation (BENG0030)**Description**

The course is designed to train the students in entrepreneurial leadership in biologically-based industries. It consists of two elements. The first element focuses on the practical application of a business plan for new ventures. It centres on bioprocessing of new products and their potential realisation into real outcome via a viable business. The second element is designed to introduce the students to the key aspects of implementing the objectives of a business plan once appropriate funding has been obtained. In the first element, students are provided with a range of lectures on how to run a business and how to make it successful. The topics will include implementation of research into development and then manufacturing, alliance strategy, long term financial planning and project management and implementation. These will be illustrated by means of studying case histories of companies in the life sciences sector. In the second element, the students will work in groups to implement/troubleshoot the outcome of an existing business plan in life sciences. Workshop sessions act as surgeries to the 'new companies'. Each session will focus on a different aspect of company set-up including feasibility study, financial appraisal and market research and marketing strategy, operational and manufacturing needs.

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

- Understand the main business "show stoppers" in growing a start-up company
- Appreciate a range of business models used for running a company successfully in the bioprocessing field
- Troubleshoot using theoretical information

Key information

Year	2019/20
Credit value	15 (150 study hours)
Delivery	UG L6, Campus-based
Reading List	View on UCL website
Tutor	Prof Eli Keshavarz Moore
Term	Term 1
Timetable	View on UCL website

Assessment

- Coursework: 60%
- Coursework: 40%

Find out more

For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk



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Year	2019/20
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Delivery	PGT L7, Campus-based
Reading List	View on UCL website
Tutor	Prof Eli Keshavarz Moore
Term	Term 1
Timetable	View on UCL website

Assessment



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