Bioprocess Research Project (BENG0070)

Description
As an individual research project, the course provides the underlying training in conducting literature search, experiment design, collections of data and their analysis including conclusions and recommendations. Students practice technical report writing, where they are asked to plan for research budget and provide ideas for future exploitation of the research findings. Research topics are linked in with state of the art research areas being carried out in the department. The student will be assigned a supervisor and advisor to benefit from the interdisciplinary nature of expertise available.

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

- Demonstrate a practical aptitude for laboratory research
- Gain basic research skills, become confident users of relevant equipment and learn experimental techniques
- Design their experimental plan and exercise creativity
- Organize, analyse and present data with statistical analysis
- Draw accurate conclusions from the data obtained and compare with the published literature
- Prepare a scientific poster and discuss the results obtained with an expert audience

Key information
- Year: 2018/19
- Credit value: 30 (300 study hours)
- Delivery: UG L6, Campus-based
- Reading List: View on UCL website
- Tutor: Dr Yuhong Zhou
- Term: Terms 1 and 2
- Timetable: View on UCL website

Assessment
- Coursework: 75%
- Coursework: 25%

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.
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- Tutor: Dr Yuhong Zhou
- Term: Terms 1 and 2
- Timetable: View on UCL website

Assessment
- Coursework: 100%

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