Chemical Engineering

Chemical Process Engineering Research Project (CENG0057)

Description

Aims:
To develop advanced skills in undertaking an individual research project including: critical literature survey, design of experiments, collection of data, analysis and presentation of results, conclusions and recommendations in a clear and concise manner at a level equivalent to published papers.

Learning Outcomes:
On completion of this course students are expected to:

- be aware of advanced research methods including if applicable the use of relevant engineering/mathematical software;
- be able to demonstrate independent thought and critical analysis of research results;
- have developed skills for presentation of their results in the research report in a clear and concise manner worthy of publication;
- present the research findings orally at a standard similar to that expected for presentations at national and international conferences.

Synopsis:
An individual research project working under the supervision of a member of the academic staff of the department. Topics are usually selected from aspects of a continuing research speciality of the department. Each student normally undertakes a literature survey, experimental work, modelling, discussion and analysis of data followed by conclusions and recommendations for future work presented in the form of a thesis and oral presentation.

Key information

Year: 2019/20
Credit value: 60 (600 study hours)
Delivery: PGT L7, Campus-based
Reading List: View on UCL website
Tutor: Dr Sergey Martynov
Term: Academic year (terms 1, 2, and 3)
Timetable: View on UCL website

Assessment

Coursework: 75%
Oral Presentation: 20%
Oral examination (departmentally managed): 5%

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 August 2019. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.