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 a 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](https://www.ucl.ac.uk)

**Tutor**
Dr Sergey Martynov

**Term**
Academic year (terms 1, 2, and 3)

**Timetable**
[View on UCL website](https://www.ucl.ac.uk)

**Assessment**

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

**Find out more**

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