Directed Reading (COMP0007)

Description

Aims:
To develop students’ ability to approach and understand fairly advanced research texts. To introduce students to a selection of historically important developments and associated technical concepts in theoretical computer science. To develop students’ academic writing, research and presentation skills.

Learning outcomes:
On successful completion of the module, students will be able to:
1. approach and understand research papers in computer science;
2. explain a number of selected computer science topics in some technical depth;
3. summarise and communicate in writing the technical ideas, context and impact of computer science research texts.

Content:
The module will be based on directed reading and critical analysis of classic research papers in theoretical computer science, with some emphasis on the theory of programming languages. Each coursework exercise asks students to write a critical summary of one such research paper, including its context and impact on the field. Students are also asked to prepare a short oral presentation for the fifth and final paper.

Requisites:
In order to be eligible to select this module, a student must be registered on a programme for which it is a formally-approved option or elective choice.

Key information

Year: 2019/20
Credit value: 15 (150 study hours)
Delivery: UG L5, Campus-based
Reading List: View on UCL website
Tutor: Dr James Brotherston
Term: Term 2
Timetable: View on UCL website

Assessment

Coursework: 10%
Coursework: 20%
Coursework: 20%
Coursework: 20%
Coursework: 20%
Oral Presentation: 10%

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.