MRes Robotics Dissertation (COMP0131)

Description

Aims:
To provide the student with the experience of undertaking and completing a large piece of research work, applying techniques learned throughout the programme, including the technical skills of analysis, design and implementation. It provides an understanding of project R and D from literature and market review, through development phases and onto demonstration and evaluation, through hands-on project work guided by our academics.

Learning outcomes:
On successful completion of the module, a student will be able to:
1. work individually developing a research project;
2. plan and coordinate development activities;
3. plan evaluation and analysis work;
4. make realistic work commitments;
5. present the work done effectively to a deadline;

Content:
- There is no set syllabus: students identify their chosen research area and are allocated a supervisor who is a member of academic staff. The supervisor provides support and guidance. The project runs from mid-way through the first term (October) until September, with the students responsible for organising themselves and their work, with advice from their supervisor. Student are expected to meet with their supervisor on a regular basis, as agreed with the supervisor;
- Some projects are done in conjunction with other departments in UCL. Others are done in conjunction with external organisations although supervision is always provided within the department;
- Each project is unique and has its own natural length which will be discussed with the project supervisor to ensure that all relevant material is included. More details can be found on Moodle, but typically the project will include a literature reviews chapter, a methods chapter detailing the techniques and developments implemented.

Key information

Year 2019/20
Credit value 105 (1050 study hours)
Delivery PGT L7, Campus-based
Reading List View on UCL website
Tutor Prof Danail Stoynov
Term Terms 2 and 3
Timetable View on UCL website

Assessment

Report: 100%

Find out more

For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk
or performed by the student, an experimental chapter reporting the validation and experimentation achieved through the project and a discussion and conclusions chapter;

Requisites:
In order to be eligible to select this module, a student must be registered on a programme for which it is formally available.