

INFR11094 Case Studies in Design Informatics 1- DRPS Changes

New Course Description:

Students work in groups. In the second part, they are supported by senior students (normally, those who are enrolled in CSDI2), with a member of academic staff as mentor.

This course introduces students to real examples in the emerging field of Design Informatics. A key component of the course is the detailed evaluation of and rationale behind multiple current research projects that highlight the limitations of the state of the art, or novel use of the latest theories and technologies.

The syllabus divides into two phases.

- In the first part of the course, a core case study is introduced via lectures where a product or service is an important deliverable.
- In the second part of the course, each group works on its own, new case study, justifies its selection and scoping, produces a prototype and conducts a short experimental study based on that prototype

Wherever possible, case studies are taken from the ongoing or recent research at the University of Edinburgh. The case studies will be underpinned with lectures reviewing relevant theoretical background and classroom activities to ensure students develop required skills. Formative feedback will be through class interaction and self- or peer assessed quizzes.

New Additional Information (Assessment):

Assessed Assignments 100

Group:

- 20%: multimodal group presentation of the prototype at the end of the second section of the course.
- 30%: group report (around 1500 words) about their completed case study at the end of the third section of the course

Individual:

- 20%: online assessments designed to reinforce key concepts discussed in lectures
- 30%: Reflective piece about an ethical, legal, social, or design aspect of the completed case study that is the subject of the long group report. 1000 words.

The remainder of the course remains as before.

For reference: DRPS 2016/2017 <http://www.drps.ed.ac.uk/16-17/dpt/cxinfr11094.htm>

INFR11095 Case Studies in Design Informatics 2 - DRPS Changes

Since INFR11095 will be taught separately from INFR11094, the course has been redesigned so that members of staff can deliver it as part of their tutorial workload, if need be. This will minimise the resourcing impact.

New Course Description:

This course extends students' engagement with real examples in the emerging field of Design Informatics. A key component of the course is the detailed evaluation and rationale behind several current research projects that highlight the limitations of the state of the art, or novel use of the latest theories and technologies. The primary learning outcome is the development of specialist reflective and leadership skills that can then be exploited in future industrial application or academic research into Design Informatics.

The senior students following this course as part of a two-year masters complete a compulsory summer placement, and then work with junior students (normally, who are enrolled in CSDI1).

The syllabus divides into three parts.

- In Part 1, students complete a summer internship placement and are then debriefed on it in a series of tutorials in the beginning of the year
- In Part 2, students support junior students (typically enrolled in CSDI1) in their group case studies. This support can take a variety of forms, from mentoring a group of younger students to providing training and support in specialist techniques.
- In Part 3, concurrently to the support provided to junior students, the students are mentored on their final Masters thesis, similar to the Informatics Research Proposal (INFR11137). This mentoring is in addition to the work students do with their supervisors and will cover key skills required to complete a Masters thesis

For Parts 1 and 3, a mix of tutorials and lectures are used.

New Division of Teaching and Learning Activities

Lectures	14
Seminar/Tutorial Hours	14
Supervised Practical Hours	14
Programme Level Learning and Teaching Hours	4
Directed and Independent Learning	154
Total Hours	200

New Additional Information on Assessments :

Assessments are now all submitted and marked individually:

- 40% reflective report on the internship (including presentation materials)

- 20% 500 word reflective piece on students' experience of mentoring and leadership while working with junior students
- 40% 1500-word literature review and work plan in preparation for their masters thesis

For reference: DRPS 2016/2017 <http://www.drps.ed.ac.uk/16-17/dpt/cxinfr11095.htm>