1. **Title of the module**

COMP6200 (CO620) - Research Project

1. **School or partner institution which will be responsible for management of the module**

School of Computing

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 6

1. **The number of credits and the ECTS value which the module represents**

30 credits (15 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn and Spring

1. **Prerequisite and co-requisite modules**

None

1. **The programmes of study to which the module contributes**

Computer Science and related programmes

Computing

Computing and Business Administration

Computing Joint Honours

Business Information Technology

“Year in Industry” equivalents

1. **The intended subject specific learning outcomes.
On successfully completing the module students will be able to:**

8.1 Demonstrate an in depth understanding of particular technical topics (for instance, use of a particular programming language, or software development tool, component architecture or mathematical technique) beyond that obtainable from the rest of the programme.

8.2 Apply practical and analytical skills present in the programme as a whole to a research topic that addresses a real need, and demonstrate significant innovation and/or creativity

8.3 Apply an appropriate research process to a substantial piece of work.

1. **The intended generic learning outcomes.
On successfully completing the module students will be able to:**

9.1 Appreciate the open-ended nature of research problems and of effective ways of tackling such problems.

9.2 Demonstrate oral presentational skills

9.3 Write a technical report, and demonstrate the ability to synthesise information, ideas and practices to provide a quality solution

9.4 Acquire technical knowledge and understanding in an independent fashion

9.5 Reflect on and critically evaluate work performed.

9.6 Manage their time and resources effectively

1. **A synopsis of the curriculum**

As a research project, this module is normally aimed at students who are achieving at upper second class level and above, and who may be intending to undertake research following graduation. Each student undertakes a project related to computer science and/or software engineering. The project may be self-proposed or may be selected from a list of project proposals. A project will involve background study and working on an open-ended research problem.

A small number of introductory lectures are given at the start of the project.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

None

1. **Learning and teaching methods**

Total contact hours: 26

Private study hours: 274

Total study hours: 300

1. **Assessment methods**
	1. Main assessment methods

Project (including 8000 word technical report, poster, presentation, and short reflective report) -100%

13.2 Reassessment methods

100% project

1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* | *9.6* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |
| Independent Study | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Supervisions | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Lectures | **X** |  |  |  | **X** | **X** |  |  |  |
| **Assessment method** |  |  |  |  |  |  |  |  |  |
| Project  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

Please highlight aspects of this module where internationalisation is actively incorporated or intended. Refer to any relevant internationally-focused learning outcomes and, where possible, identify internationalisation in any of the following: subject content, assessment tasks, teaching methods/activities and support activity.

The topics addressed by this module relate to a field which is of international importance, given the global role of computers in today's technological innovation. The topics covered by this module are international in nature, being identical worldwide and independent of traditional spoken language.

**DIVISIONAL SUPPORT OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| 26/02/19 | Major | September 2019 | 6,10,11,13,14,16 | No  |
|  |  |  |  |  |

Revised FSO Jan 2018