

Module Title Honours Individual Project	Reference CM4018 SCQF Level SCQF 10 SCQF Points 30 ECTS Points 15 Created May 2002 Approved April 2005 Amended July 2016 Version No. 5
Keywords Reflection, Develop, Industry, Project	

This Version is No Longer Current

The latest version of this module is available [here](#)

Prerequisites for Module

None, in addition to course progression requirements.

Indicative Student Workload

Contact Hours

Lectures

Supervision

Full Time

10

12

Directed Study

Directed Reading

93

Corequisite Modules

None.

Private Study

Project Work

185

Precluded Modules

None.

Mode of Delivery

An initial lecture session followed by individual supervision from project supervisors on a regular basis to direct the student as needed and provide feedback on work submitted as the project progresses. The student is able to call on expert guidance throughout the project development lifecycle. There will be an oral presentation of the project, designed to allow the student to practice their presentation skills. The student will produce a summary poster and a final project report.

Aims of Module

To enable the student to undertake a substantial professional computing project, relevant to their degree title. Students are

Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2,3,4,5

...students are expected to apply practical and analytical skills to design, implement and critically evaluate a solution to a problem that meets a real need. Students will demonstrate in-depth technical, problem-solving skills, innovation and creativity. Students will have to conform to the appropriate university codes of practice and ethical requirements.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1. Conduct requirements gathering, research relevant literature and analyse similar products in

Component 1 - Coursework worth 100% of the total module assessment.

Indicative Bibliography

1. Dawson, C., (2015) Projects in Computing and Information Systems 3rd edn: A Student's Guide, Person Ed.

Additional Notes

Relevant information for the projects can be found in a number of online resources. These include the following databases:

ACM Digital Library

<http://dl.acm.org>

Springer Computer Science

<http://www.springer.com/computer?SGWID=0-146-0-0-0>

IEEE Xplore Digital Library

<http://ieeexplore.ieee.org/Xplore/guesthome.jsp>

Sciencedirect

<http://www.sciencedirect.com>

order to
formulate the
problem and
articulate the
objectives of the
project under
investigation.

2. Conduct an
in-depth
literature review
and analyse the
legal, social,
ethical and
professional
issues relevant
to the project.

3. Produce a
feasible project
plan, attend
scheduled
meetings with
client/supervisor
and manage
successful
completion of
the project in the
given timescale.

4. Select and apply
suitable
technologies
and appropriate
analysis, design,
implementation,
testing and other
relevant
techniques to
develop an
appropriate
project
solution/artefact.

5. Describe and critically evaluate the project in the form of a professionally documented report and demonstration.

Indicative Module Content

There is no formal syllabus for this module. Students may be allocated to a project area (guided by their preferences). The topics may arise from a collaboration with industry or from existing research and development activities within the School and Faculty. Students may also propose their own project topics; in such cases, the project supervisor will assess the proposed project to ensure that it is at the appropriate level and that the necessary resources are

available.

Students will
develop their
project
specification and
plan their project
in conjunction
with their project
supervisor.