# UNIVERSITY OF NORTHAMPTON

# MODULE SPECIFICATION

This document forms the definitive overview as to the nature and scope of this module and is used in the University’s quality assurance processes. The information in this document cannot be changed without approval (except for the Indicative Content).

[A glossary of key terms is available.](https://www.northampton.ac.uk/ilt/current-projects/defining-contact-time/types-of-student-contact-time/)

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| **FACULTY** | Faculty of Art, Science & Technology |
| **SUBJECT AREA** | Technology |
| **SUBJECT FIELD** | Computing |
| **MODULE TITLE** | Project Dissertation |

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| **MODULE CODE** | CSY4022 |
| **LEVEL** | 6 |
| **CREDIT VALUE** | 40 |
| **MODULE LEADER** | Amir Minai |

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| **DELIVERY MODE(S)** | Standard |
| **DELIVERY LOCATION(S)** | UON |

**PRE-REQUISITES:**

None

**CO-REQUISITES:**

None

**RESTRICTIONS:**

In the event of being part-time/split level the dissertation module must be taken in the final stage of study.

**SUPPLEMENTARY REGULATIONS**:

This module has no supplementary regulations

**MODULE OVERVIEW:**

This project module provides the opportunity for the student to undertake independent research, development, and self-management of a Computing related project leading to completing a dissertation.

An essential outcome for this module is that the student project deliverable includes the design and development of a system, a software application or a novel functional approach that relates to the main areas of student study, and that can be used, applied or demonstrated in some way. Students on the BSc Business Computing may engage on a research centered project resulting in a report of analysis of an appropriate topic.

**INDICATIVE CONTENT:**

The module permits the development of higher order intellectual skills, a professional approach, and appropriate personal qualities that are required for independent working in a research or development environment.

Each student is allocated a dissertation supervisor whose role is to assist and ensure that the student makes progress throughout the required stages.

Each student is responsible for arranging to meet their supervisor at regular intervals to report progress and discuss any problems which may have arisen; Regular planning, progress and review meetings will be required with the supervising tutor as the dissertation proceeds.

In all cases, the topic area and the dissertation content should directly relate to the student’s chosen programme specialism.

**LEARNING OUTCOMES:**

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| **Module Learning Outcome** |
| **On successful completion of the module with limited guidance, students will be**  **able to:** |
| **Subject-Specific Knowledge, Understanding & Application** |
| 1. Identify and justify appropriate requirements analysis techniques and undertake research tasks effectively |
| 1. Critically apply a range of theoretical principles and methods to design, and develop\*\* effective Systems that meet user requirements |
| 1. Test and critically evaluate the effectiveness of developed\*\* solutions, or recommendations in meeting defined (system) requirements |
| 1. Analyse the potential influence of ethical and legal issues relevant to the topic and type of dissertation project undertaken. |
| 1. Justify approaches and techniques and make judgement by critical analysis in relation to complex problems, supported by valid evidence |
| 1. Effectively use industry standard tools and terminology and apply appropriately to a range of real-world situation. |

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| **Changemaker & Employability Skills** |
| 1. Work independently to effectively plan and manage work, setting appropriate goals and adapting effectively to challenges in order to ensure a successful delivery. |
| 1. Effectively communicate using appropriate formats, styles and terminology through written and oral presentation complex information for the intended audience and purpose. |

**TYPICAL LEARNING, TEACHING AND ASSESSMENT HOURS (for the module as delivered on-site at the University of Northampton):**

[View this table on how learning, teaching and assessment hours map to the KIS Categories.](https://www.northampton.ac.uk/ilt/current-projects/defining-contact-time/kis-guidance/)

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| **Learning and teaching information for this module when delivered off-site by UN partners is available from the partner institution’s NILE site (or equivalent). Any variation in study hours must be approved by the University of Northampton before students are enrolled, ensuring that study hours provision is always appropriate to support student achievement of the module learning outcomes.** |

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| **Learning, Teaching and Assessment activities** | **Study hours** |
| **Contact hours: (total)**  Comprising face-to-face and online contact hours as follows: | **42** |
| * **Face-to-face (total) -** this may include the following: * Face to face interactive small group session (generic space in groups of approx. 30 e.g. seminars/workshops/tutorials) * Specialist space (e.g. laboratories, studio space) * Other (dissertation tutorial, scheduled drop-in) | 24 |
| * **Online contact hours** **(total)**  (comprising online activities with mediated tutor input) | 18 |
| **Guided independent study hours  (including hours for assessment preparation)** | **358** |
| **Module Total** | **400** |

**ALIGNMENT OF LEARNING OUTCOMES AND ASSESSMENTS:**

**University of Northampton:**

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| **Assessment Activity** | | | **Learning Outcomes** | **Weighting (%)** |
| **Code** | **Assessment Type** | **Assessment Deliverables** |  |  |
| DI | Report & presentation | Project\*\* Report to include, progress log, and attend a viva voce of up to 30 minutes to include Q&A  10,000 words in total (100%) | a-f | 100 |

The assessment item listed above are graded and contribute to the overall module grade (assessment *of* learning). In addition, there are opportunities for formative assessment (assessment *for* learning), which are ungraded separately, but provide supportive feedback to students in successfully achieving the module learning outcomes. These are listed as follows.

1st semester: A project proposal with clear definition of the specifics, aim and objectives of the project and a proposed programme of work to complete the project.

2nd semester: An interim report with project progress and research to date showing work carried out since the submission of the proposal

Both the above inform the “project management” criterion within the final submission marking scheme.

**APPROVAL/ REVIEW DATES:**

**Version: (was CSY4010)**

Date of approval: