

Module specification

When printed this becomes an uncontrolled document. Please access the **Module Directory** for the most up to date version by clicking on the following link: [Module directory](#)

Module Code	COM765
Module Title	Project Management for IT & Business
Level	7
Credit value	20
Faculty	FACE
HECoS Code	100812
Cost Code	GACP
Pre-requisite module	None

Programmes in which module to be offered

Programme title	Core/Optional/Standalone
MSc Computing for Business	Core

Breakdown of module hours

Learning and teaching hours	10 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	11 hrs
Project supervision hours	0 hrs
Active learning and teaching hours total	21 hrs
Placement hours	0 hrs
Guided independent study hours	179 hrs
Module duration (Total hours)	200 hrs

Module aims

This module aims to develop students' advanced knowledge and professional competence in the management of information technology in business context. It enables students to critically evaluate and apply established project management theories, frameworks, tools, and methodologies to the planning, execution, and control of projects in diverse organisational contexts. The module further enhances students' understanding of the interrelated technical, organisational, financial, and human factors that underpin successful project delivery. It promotes critical engagement with contemporary issues in project management, including risk and change management, leadership, governance, and ethical practice, thereby fostering the capacity for informed, evidence-based decision-making in complex and dynamic environments.



Module Learning Outcomes

At the end of this module, students will be able to:

1	Critically evaluate advanced theories, methodologies, and frameworks in project management and their application to information technology and business contexts
2	Select and apply appropriate project management tools and techniques to the planning, implementation, and monitoring of IT and business projects
3	Analyse and synthesise project requirements, risks, and constraints to formulate effective and contextually appropriate project management strategies.
4	Critically assess the influence of leadership, teamwork, and communication on project performance and success within complex organisational environments
5	Apply critical judgement to the challenges and best practices involved in the planning, execution, and control of IT projects.

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

The assessment for this module will be portfolio-based, designed to evaluate both the theoretical and practical aspects of project management in IT and business contexts. Students will complete tasks that demonstrate their ability to apply project management frameworks, critically assess complex scenarios, and design strategies that balance technical, organisational, and human considerations.

Assessment activities may include project planning and documentation, critical evaluation of project management methodologies, case study analysis, reflective writing, or presentations. These components will allow students to demonstrate advanced analytical skills, effective use of project management tools, and critical reflection on leadership, risk, and ethical issues in professional practice.

Portfolio assessments may comprise multiple pieces of work that collectively demonstrate a student's knowledge and skills developed throughout the module. These may take the form of one or two substantial tasks, or a series of smaller tasks, typically ranging from one to eight across the duration of the module.

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	1, 2, 3.,4,5	Portfolio	5000 Words or Equivalent	100%	N/A

Derogations

N/A

Learning and Teaching Strategies

In line with the Active Learning Framework, this module will be blended digitally with both a VLE and online community. Content will be available for students to access synchronously and asynchronously and may indicatively include first and third-party tutorials and videos, supporting files, online activities any additional content that supports their learning. As this module progresses, the strategies will change to best support a diverse learning environment. For each week, a topic will be started with tutor-led demonstrations, and practical-based sessions will be given to ensure that the students get to practice what they have been taught in relevant concepts. Sessions will be intertwined between instructional explanation and practical depending on the specific indicated syllabus necessities.

Welsh Elements

This module is designed to support Welsh-speaking students in line with the Welsh Language Standards. While the primary delivery will be in English, students will have the opportunity to submit assessments, including coursework and projects, in Welsh if preferred. Relevant module materials, such as reading lists, key texts, and guidance, will be available bilingually upon request, ensuring accessibility for all students. Additionally, where possible, guest speakers, case studies, or examples may include references to the Welsh business context, especially in areas such as data use in local industries and Welsh public sector organisations.

The department encourages students to develop bilingual digital skills by incorporating Welsh-language datasets, tools, and resources where appropriate, offering an inclusive learning environment. We also support the development of bilingual visualisation techniques, enabling students to create digital outputs that reflect the Welsh language, should they wish to do so.

Indicative Syllabus Outline

- Foundations of Project Management: Principles, methodologies (PMBOK, PRINCE2, Agile, Scrum) and their application to IT and business projects.
- Project Planning and Control: Scoping, scheduling, budgeting, resource allocation, and performance monitoring.
- Risk and Change Management: Identification, assessment, mitigation, and managing organisational change.
- Leadership and Teams: Leadership styles, motivation, teamwork, and communication in project contexts.
- Tools and Techniques: Use of project management software and decision-support tools.

- Organisational and Strategic Alignment: Linking projects to business strategy, governance, and value creation.
- Evaluation and Critical Perspectives: Success and failure factors, lessons learned, and reflective practice.
- Contemporary Issues: Ethical, legal, sustainability, and global considerations in project management.

Indicative Bibliography

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads:

There are no essential texts; the module will use relevant online reference material.

Other indicative reading:

- Kerzner, H., 2022. Project Management: A Systems Approach to Planning, Scheduling, and Controlling. 13th ed. Hoboken: Wiley.
- Wysocki, R.K., 2019. Effective Project Management: Traditional, Agile, Extreme. 8th ed. Hoboken: Wiley.
- Project Management Institute (PMI), 2021. A Guide to the Project Management Body of Knowledge (PMBOK® Guide). 7th ed. Newtown Square, PA: PMI.
- Scrum Alliance, 2023. Scrum Guides and Resources. [online] Available at: <https://www.scrumalliance.org>
- PMI, 2023. PMI Standards and Resources. [online] Available at: <https://www.pmi.org/standards>
- Axelos, 2023. PRINCE2 Guidance. [online] Available at: <https://www.axelos.com/best-practice-solutions/prince2>

Administrative Information

For office use only	
Initial approval date	29th January 2026
With effect from date	September 2025
Date and details of revision	
Version number	1

