

APPROVED

Master of Science in Construction Project Management  
Faculty of Engineering & Science

Award Class					
Awards					
MSc					
Programme Code	CR_CCOPM_9	Mode of Delivery	Full Time, Part Time, ACCS, Open	No. of Semesters	4
NFQ Level	9	Embedded Award	No	Programme Credits	90
Next Review Date					
Review Type				Date	
Programmatic Review				01/05/2024	
Department	CONSTRUCTION				
Field of Study	5821 - Building Science				

## Programme Outcomes

Upon successful completion of this programme the graduate will be able to demonstrate... :

#	PO Domains	Programme Learning Outcome
PO1	Knowledge - Breadth	Demonstrate a wide and systematic knowledge of project management principles and their practical application in the management of overall design and construction of complex development projects; an understanding of the key parameters and the business, technical, economic, environmental and social issues relating to Construction Project Management.
PO2	Knowledge - Kind	Communicate practical solutions to problems; Demonstrate flexibility and adaptability; Demonstrate the capacity to handle uncertainty and unforeseen events; Be critically aware of the business and project environment; Possess a broad perspective of project goals; Assume greater responsibility and to contribute to groups and teams; and demonstrate specialist skills and expertise while possessing a balanced, objective and well focused perspective.
PO3	Skill - Range	Possess a broad range of personal and organisational skills such as conceptual, diagnostic, technical, interpersonal, informational, communication, risk taking, analytical, problem solving; Demonstrate rational decision making, an ability to build trust and communicate effectively; Gain and use power appropriately, manage relationships, cultural differences and workforce diversity and create high performance teams.
PO4	Skill - Selectivity	Define and resolve structured & un-structured problems; Analyse soft or hard issue problems; Interpret clear/un-clear problems; Demonstrate qualitative and quantitative judgement based on experience and intuition, Demonstrate objectivity when dealing with complex issues.
PO5	Competence - Context	Apply the knowledge learned in different environments in their own organizations and projects; Apply knowledge in contexts which are unpredictable/predictable, which are contingent on the organisation, the project and the business environment; Demonstrate awareness, flexibility and anticipation of these contexts and adapt accordingly.
PO6	Competence - Role	Assume responsibility within their organisation; Lead, create, initiate and stimulate thoughtful responses to project requirements and problems, etc; Demonstrate an ability to implement communication structures within a project organisation.
PO7	Competence - Learning to Learn	Evaluate their own learning, identify knowledge gaps, and take responsibility for the pursuit of academic professional development pathways; Identify a shared concern to actually learn and create a supportive learning culture in their organization; Be aware that learning leads to a better future for employees, affording them psychological safety and promotional prospects; Recognise there is an opportunity for shared learning and information in the management of knowledge in project environments.
PO8	Competence - Insight	Critically evaluate the technical, economic, environmental, ethical and social implications of Construction Project Management solutions; Demonstrate confidence which reflects their academic achievements and practical experience and be respected in the workplace; Demonstrate an ability to act as a role model; Act as a facilitator within their organisation and encourage other employees to offer new ideas thus ensuring the spread of new innovative knowledge.

## Semester Schedules

### Year 1 / Semester 1

#### Year 1 Semester 1 Elective Regulation

Students must select one elective. Electives that have already been completed may not be chosen.

<b>Mandatory</b>				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
INTR9013	<a href="#"><u>Constr. Project Management</u></a>	DANIEL CAHILL	3	5
BULD9002	<a href="#"><u>Contract Admin/Dispute Resol'n</u></a>	DANIEL CAHILL	3	5
INTR9015	<a href="#"><u>Org Mgt &amp; Knowledge Mgt</u></a>	DANIEL CAHILL	2	5
INTR9010	<a href="#"><u>Research Skills and Practice</u></a>	DANIEL CAHILL	3	5
INTR9005	<a href="#"><u>Sustainability in Engineering</u></a>	DES WALSH	4	5
<b>Elective</b>				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD8027	<a href="#"><u>Advanced Measurement</u></a>	DANIEL CAHILL	2	5
BULD8005	<a href="#"><u>Corporate Constr. Finance</u></a>	DANIEL CAHILL	3	5
BULD8025	<a href="#"><u>Development Appraisal</u></a>	DANIEL CAHILL	4	5
MGMT8005	<a href="#"><u>Entrepreneurship</u></a>	CAROLINE O REILLY	4	5
BULD8024	<a href="#"><u>Mech &amp; Elect Cost Planning</u></a>	DANIEL CAHILL	2	5
MGMT8017	<a href="#"><u>Strategic Business Management</u></a>	CAROLINE O REILLY	7	5
BULD8006	<a href="#"><u>Strategic Constr. Management</u></a>	DANIEL CAHILL	3	5

### Year 1 / Semester 2

#### Year 1 Semester 2 Elective Regulation

Students must select two electives. Electives that have already been completed may not be chosen.

<b>Mandatory</b>				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
INTR9014	<a href="#"><u>Construction Value &amp; Risk Mgt</u></a>	DANIEL CAHILL	3	5
INTR9007	<a href="#"><u>Eng. Project Management</u></a>	DES WALSH	3	5
INTR9009	<a href="#"><u>Global Project Management</u></a>	DANIEL CAHILL	2	5
INTR9011	<a href="#"><u>Research Project Development</u></a>	DANIEL CAHILL	3	5
<b>Elective</b>				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD8030	<a href="#"><u>Commercial Management</u></a>	DANIEL CAHILL	4	5

BULD8004	<a href="#"><u>Construction Project Controls</u></a>	DANIEL CAHILL	3	5
BULD8007	<a href="#"><u>Construction Psychology</u></a>	DANIEL CAHILL	3	5
INTR9017	<a href="#"><u>Infrastructure Asset Mgmt</u></a>	DES WALSH	2	5
MGMT8009	<a href="#"><u>Intl Strategies &amp; Org</u></a>	Claire OSullivan Rochford	3	5
MGMT9024	<a href="#"><u>Leadership &amp; Change Management</u></a>	Breda O Dwyer	1	5
MGMT9003	<a href="#"><u>Managing Innovation</u></a>	CAROLINE O REILLY	2	5
BULD8023	<a href="#"><u>Mech &amp; Elect Services Measur.</u></a>	DANIEL CAHILL	2	5
BULD8010	<a href="#"><u>Site Management and Technology</u></a>	DANIEL CAHILL	3	5

Year 2 / Semester 1

Mandatory				
Code	Title	Module Coordinator	Version	Credits
INTR9012	<a href="#">Research Project Realisation</a>	DANIEL CAHILL	3	30