

APPROVED

Bachelor of Science (Honours) in Construction Management
Faculty of Engineering & Science

Award Class					
Awards					
BSc (Hons)					
Programme Code	CR_CCNMG_8	Mode of Delivery	Full Time, Part Time, ACCS, Open	No. of Semesters	8
NFQ Level	8	Embedded Award	No	Programme Credits	240
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	A broad knowledge and understanding of the wide and varied range of activities constituting Construction Management, including Management, Procurement options, Development economics, Construction Technology, Construction Law and Contract, Construction Finance, Surveying, Planning, Programming and Production and Site Management.
PO2	Knowledge - Kind	The ability to apply knowledge and skills of Construction Management, including Management, Procurement options, Development economics, Construction Technology, Construction Law and Contract, Construction Finance, Surveying, Planning, Programming and Production and Site Management to manage complex construction projects in an efficient and safe manner, from conception to completion.
PO3	Skill - Range	The ability to use advanced techniques, skills and computer based tools to think creatively, broadly and effectively in both qualitative and quantitative terms for Construction Management practice.
PO4	Skill - Selectivity	The ability to adapt successfully to change, provide for new construction technologies, be sensitive to the political, economic, social, technological, legal and environmental consequences of the construction process and product and to accommodate wider professional responsibilities.
PO5	Competence - Context	The intellectual ability to comprehend concepts and ideas arising from a variety of construction-related disciplines including science, technology and the arts, to analyse, make value judgements and propose practical and economically viable solutions to construction problems, in a multi- dimensional information environment, matched to the clients specific requirements rather than presenting standard or traditional construction solutions.
PO6	Competence - Role	The ability to work effectively as an individual, in teams and as part of a multi-disciplinary team and communicate with others involved in the construction process and society in general.
PO7	Competence - Learning to Learn	The ability to maintain professional competence as a Construction Manager through individual study and continuing professional development.
PO8	Competence - Insight	An understanding of the wider social, political, business, and economic context within which the Construction Manager operates, and the need for high ethical standards in its practice, including the responsibilities of the Construction Management profession towards people and the environment.

Semester Schedules

Year 1 / Semester 1

Mandatory				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD6026	<u>Const Ind & CM Procedures</u>	DANIEL CAHILL	3	5
CMOD6001	<u>Creativity Innovation&Teamwork</u>	MARESE BERMINGHAM	3	5
BULD6001	<u>Domestic Water Based Services</u>	DANIEL CAHILL	4	5
BULD6003	<u>Intro to Construction Graphics</u>	DANIEL CAHILL	4	5
MATH6064	<u>Mathematics for Construction</u>	David Goulding	5	5
BULD6008	<u>Principles of Constr. Techn.</u>	DANIEL CAHILL	5	5

Year 1 / Semester 2

Mandatory				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD6027	<u>CM Measurement & Tendering</u>	DANIEL CAHILL	3	5
BULD6011	<u>Constr. Materials & Structures</u>	DANIEL CAHILL	3	5
BULD6002	<u>Domestic Building Services</u>	DANIEL CAHILL	4	5
BULD6005	<u>Elemental Construction Techn.</u>	DANIEL CAHILL	4	5
BULD6006	<u>Organisation & Management</u>	DANIEL CAHILL	4	5
Elective				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD6012	<u>Construction Graphics</u>	DANIEL CAHILL	4	5
FREE6001	<u>Free Choice Module</u>	PAUL GALLAGHER	3	5
LANG6007	<u>German 1.1 (Beginners)</u>	Pio Fenton	4	5

Year 2 / Semester 1

Mandatory				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD6017	<u>Adv. Resident. Constr. Techn.</u>	DANIEL CAHILL	3	5
BULD6014	<u>Construction Economics</u>	DANIEL CAHILL	3	5
BULD6015	<u>Construction Site Management</u>	DANIEL CAHILL	3	5
BULD6013	<u>Integrated Building Services</u>	DANIEL CAHILL	3	5
CIVL6028	<u>Introductory Land Surveying</u>	DES WALSH	3	5
BULD6023	<u>Measurement Domestic Constr.</u>	DANIEL CAHILL	4	5

Year 2 / Semester 2

Mandatory				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD6018	<u>Constr. Tech.: Low Rise Bldgs.</u>	DANIEL CAHILL	3	5
BULD6024	<u>Construction Law</u>	DANIEL CAHILL	3	5
BULD6016	<u>Construction Mgmt and Planning</u>	DANIEL CAHILL	3	5
BULD6019	<u>Cost Planning and Control</u>	DANIEL CAHILL	3	5
BULD6022	<u>Measurement and Estimating</u>	DANIEL CAHILL	4	5

Elective				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD6031	<u>Building Surveying</u>	DANIEL CAHILL	1	5
FREE6001	<u>Free Choice Module</u>	PAUL GALLAGHER	3	5
LANG6008	<u>German 1.2</u>	Pio Fenton	3	5

Year 3 / Semester 1

Mandatory				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD7022	<u>Management Construction</u>	DANIEL CAHILL	3	5
BULD7004	<u>Constr. Commer. Substructure</u>	DANIEL CAHILL	3	5
BULD7027	<u>Construction Contract</u>	DANIEL CAHILL	4	5
BULD7003	<u>Industrial Building Services</u>	DANIEL CAHILL	3	5
BULD7030	<u>Procurement for Const. Mgmt.</u>	DANIEL CAHILL	3	5

Elective				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD7011	<u>Commercial & Financial Mngmt.</u>	DANIEL CAHILL	4	5
FREE6001	<u>Free Choice Module</u>	PAUL GALLAGHER	3	5
LANG6019	<u>German 2.1</u>	Pio Fenton	4	5

Year 3 / Semester 2

Mandatory				
<i>Code</i>	<i>Title</i>	<i>Module Coordinator</i>	<i>Version</i>	<i>Credits</i>
BULD7020	<u>Construction Resource Mgt.</u>	DANIEL CAHILL	3	5
BULD7005	<u>Constr. Commer. Superstructure</u>	DANIEL CAHILL	3	5
BULD7023	<u>Construction HRM</u>	DANIEL CAHILL	3	5
BULD7034	<u>Green Building</u>	DANIEL CAHILL	1	5
INTR7025	<u>Work Placement in AEC</u>	Samuel Vardy	1	10

Year 4 / Semester 1

Mandatory				
Code	Title	Module Coordinator	Version	Credits
BULD8001	Construction Research Develop.	DANIEL CAHILL	3	5
BULD8003	Contractual Procedures	DANIEL CAHILL	3	5
BULD8008	PED Concept	DANIEL CAHILL	3	10
BULD8006	Strategic Constr. Management	DANIEL CAHILL	3	5
Elective				
Code	Title	Module Coordinator	Version	Credits
BULD8027	Advanced Measurement	DANIEL CAHILL	2	5
BULD8005	Corporate Constr. Finance	DANIEL CAHILL	3	5
BULD8025	Development Appraisal	DANIEL CAHILL	4	5
LANG6021	German 2.2	Pio Fenton	4	5
INTR8032	Interdisciplinary Project	JOSEPH HARRINGTON	1	5
BULD8024	Mech & Elect Cost Planning	DANIEL CAHILL	2	5
BULD8026	Pre-contract Management	DANIEL CAHILL	2	5
CIVL8024	Work Placement	DES WALSH	2	5

Year 4 / Semester 2

Mandatory				
Code	Title	Module Coordinator	Version	Credits
BULD8002	Construction Dissert. Realis.	DANIEL CAHILL	3	5
BULD8004	Construction Project Controls	DANIEL CAHILL	3	5
BULD8009	PED Realisation	DANIEL CAHILL	3	10
Elective				
Code	Title	Module Coordinator	Version	Credits
BULD8030	Commercial Management	DANIEL CAHILL	4	5
BULD8007	Construction Psychology	DANIEL CAHILL	3	5
BULD8028	Dispute Management	DANIEL CAHILL	2	5
BULD8023	Mech & Elect Services Measur.	DANIEL CAHILL	2	5
BULD8029	Post-Contract Management	DANIEL CAHILL	2	5
BULD8010	Site Management and Technology	DANIEL CAHILL	3	5

