

FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES

2017 STUDY PLAN



FOR ADVANCED STANDING - OFFICE USE ONLY		
<input checked="" type="checkbox"/> Please mark the box to indicate advanced standing granted (use CONDITIONAL to denote conditional advanced standing)		
Unspecified Elective Credit: units		
Student ID Number:	Student Name: ,	Date: 9/12/16
Assessor Name:	Advanced Standing Granted: units	Remaining Program Duration: 2 years
Applicant's Previous Institution:	Applicant's Previous Qualification:	
Assessor Comments:		

This study plan should be used to guide enrolment for the current academic year. Some students may need to modify their enrolment based on previous study (e.g. students granted advanced standing/credit, students repeating previously failed courses).

MASTER OF ENGINEERING (CIVIL & STRUCTURAL)					
YEAR 1	S1	ELEC ENG 7057 Engineering Communication & Critical Thinking (3 units) <input type="checkbox"/>	C&ENVENG 7058 Structural Mechanics (3 units) <input type="checkbox"/>	C&ENVENG 7005 Reinforced Concrete Design (3 units) <input type="checkbox"/>	PROJMGNT 5021 Applied Project Management 1 (3 units) <input type="checkbox"/>
	S2	C&ENVENG 7007 Structural Steel Design (3 units) <input type="checkbox"/>	C&ENVENG 7069 Geotechnical Engineering (3 units) <input type="checkbox"/>	ELEC ENG 7164 Business Management Systems(3 units) <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics (3 units) <input type="checkbox"/>
YEAR 2	S1	C&ENVENG 7049A Masters Civil & Structural Engineering Project Part 1 (6 units) <input type="checkbox"/>		Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>
	S2	C&ENVENG 7049B Masters Civil & Structural Engineering Project Part 2 (6 units) <input type="checkbox"/>		Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>

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CHOOSE FROM THE FOLLOWING ELECTIVES				
SEMESTER 1	<input type="checkbox"/>	C&ENVENG 7108 Environmental Systems Dynamics (3 units) <input type="checkbox"/>	C&ENVENG 7112 Advanced Civil Geotechnical Engineering (3 units) <input type="checkbox"/>	C&ENVENG 7042 Advanced Reinforced Concrete (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
	<input type="checkbox"/>	MECH ENG 7059 Finite Element Analysis of Structures (3 units) <input type="checkbox"/>	PROJMGNT 7012 Business & Contract Legal Studies (3 units) <input type="checkbox"/>	C&ENVENG 7107 Prestressed Concrete Structures (3 units) <input type="checkbox"/>
	<input type="checkbox"/>	C&ENVENG 7047 Analysis of Rivers & Sediment Transport ^NOT OFFERED 2017 <input type="checkbox"/>	C&ENVENG 7056 Linear Geostats PG (3 units) ** <input type="checkbox"/>	C&ENVENG 7037 Water Distribution Systems & Design (3 units) <input type="checkbox"/>
WINTER	<input type="checkbox"/>	C&ENVENG 7114 Advanced Hydrological Modelling & Water Resources Management (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEMESTER 2	<input type="checkbox"/>	C&ENVENG 7115 Advanced Topics in Flood Hydrology (3 units) <input type="checkbox"/>	C&ENVENG 7061 Computer Methods of Structural Analysis (3 units) <input type="checkbox"/>	MECH ENG 7023 Fracture Mechanics (3 units) <input type="checkbox"/>
	<input type="checkbox"/>	C&ENVENG 7109 Designing Water Resource Systems for Urban Environments (3 units) <input type="checkbox"/>	MECH ENG 7061 Corrosion Principles & Prevention (3 units) <input type="checkbox"/>	MECH ENG 7043 Stresses in Plates & Shells (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
	<input type="checkbox"/>	C&ENVENG 7111 Structural Dynamics & Applications (3 units) <input type="checkbox"/>	C&ENVENG 7033 Seismic Design of Masonry Buildings (3 units) <input type="checkbox"/>	C&ENVENG 7110 Soil & Groundwater Remediation (3 units) <input type="checkbox"/>
SUMMER	<input type="checkbox"/>	MECH ENG 7023 Fracture Mechanics (3 units) <input type="checkbox"/>	C&ENVENG 7043 Introduction to Geostatistics (3 units)** <input type="checkbox"/>	PROJMGNT 7056 Enterprise Transformations (3 units) <input type="checkbox"/>

NOTE: To undertake the Research Project courses students must enrol in both the courses C&ENVENG 7049A and C&ENVENG 7049B. These courses must be taken in two consecutive semesters.

** C&ENVENG 7043 Introduction to Geostatistics is a pre-requisite to C&ENVENG 7056 Linear Geostats PG (3 units)

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MASTER OF ENGINEERING (CIVIL & STRUCTURAL) – Semester 2 Start

YEAR	SEMESTER	COURSE	UNITS	STATUS	COURSE	UNITS	STATUS	COURSE	UNITS	STATUS			
YEAR 1	S1												
	S2	C&ENVENG 7007 Structural Steel Design (3 units)	3	<input type="checkbox"/>	C&ENVENG 7069 Geotechnical Engineering (3 units)	3	<input type="checkbox"/>	ELEC ENG 7057 Engineering Communication & Critical Thinking (3 units)	3	<input type="checkbox"/>	MATHS 7025 Research Methods and Statistics (3 units)	3	<input type="checkbox"/>
YEAR 2	S1	Elective (3 units)	3	<input type="checkbox"/>	C&ENVENG 7058 Structural Mechanics (3 units)	3	<input type="checkbox"/>	C&ENVENG 7005 Reinforced Concrete Design (3 units)	3	<input type="checkbox"/>	PROJMGNT 5021 Applied Project Management 1 (3 units)	3	<input type="checkbox"/>
	S2	C&ENVENG 7049A Masters Civil & Structural Engineering Project Part 1 (6 units)	6	<input type="checkbox"/>				ELEC ENG 7164 Business Management Systems (3 units)	3	<input type="checkbox"/>	Elective (3 units)	3	<input type="checkbox"/>
YEAR 3	S1	C&ENVENG 7049B Masters Civil & Structural Engineering Project Part 2 (6 units)	6	<input type="checkbox"/>				Elective (3 units)	3	<input type="checkbox"/>	Elective (3 units)	3	<input type="checkbox"/>

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