

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: 3/02/17
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 SOFTWARE ENGINEERING					
YEAR 1	S1	COMP SCI 7007 Specialised Programming (3 units) <input type="checkbox"/>	Elective (3 units)** <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>
	S2	COMP SCI 7015 Software Engineering & Project (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>	Elective (Suggested Elective - COMP SCI 7092 Mobile & Wireless Systems) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>
YEAR 2	S1	COMP SCI 7096A Master of Software Engineering Project- Part A (6 units) <input type="checkbox"/>		COMP SCI 7023 Software Process Improvement (3 units) <input type="checkbox"/>	COMP SCI 7036 Software Engineering in Industry (3 units) <input type="checkbox"/>
	S2	COMP SCI 7096B Master of Software Engineering Project –Part B (9 units) <input type="checkbox"/>			Elective (3 units) <input type="checkbox"/>

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CHOOSE FROM THE FOLLOWING ELECTIVES				
SEMESTER 1	COMP SCI 7005 Adaptive Business Intelligence (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7009 Modern Heuristic Methods (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7022 Computer Vision (3 units) <input type="checkbox"/>	COMP SCI 7407 Advance Algorithms (3 units) <input type="checkbox"/>
	COMP SCI 7091 Commercialising IT Research (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7044 Computer System Security (3 units)* <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7077 Solving Engineering Models (3 units) <input type="checkbox"/>	COMP SCI 7405 Research Methods (3 units) <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEMESTER 2	COMP SCI 7092 Mobile & Wireless Systems (3 units) <input type="checkbox"/>	COMP SCI 7402 Introduction to Geometric Algorithms (3 units) <input type="checkbox"/>	COMP SCI 7000 Software Architecture (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7045 Distributed High Performance Computing (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
	COMP SCI 7401 Introduction to Statistical Machine Learning (3 units) <input type="checkbox"/>	COMP SCI 7093 Evolutionary Computation (3 units) <input type="checkbox"/>	COMP SCI 7409 Search Based Software Engineering (3 units) <input type="checkbox"/>	COMP SCI 7094 Distributed Databases & Data Mining (3 units)# <input type="checkbox"/>

**Unless exempted by the Faculty, all international students are required to undertake a specialist course ELEC ENG 7057 Engineering Communication & Critical Thinking. This course must be completed in the first semester of study and will be presented in lieu of an elective.

All students are required to complete **at least one elective** from each stream.

Data and Information Management Stream

COMP SCI 7094 Distributed Databases & Data Mining (3 units)

Computer Security Stream

COMP SCI 7044 Computer System Security (3 units)^

COMP SCI 7092 Mobile & Wireless Systems (3 units)

Networks Stream

COMP SCI 7045 Distributed High Performance Computing (3 units)^

COMP SCI 7092 Mobile & Wireless Systems (3 units)

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MASTER OF SOFTWARE ENGINEERING – Semester 2 Start					
Year 1	S2	COMP SCI 7007 Specialised Programming (3 units)	COMP SCI 7015 Software Engineering & Project (3 units) <input type="checkbox"/>	Elective (3 units)** <input type="checkbox"/>	Elective (3 units) (Suggested Elective - COMP SCI 7092 Mobile & Wireless Systems) <input type="checkbox"/>
	S1	COMP SCI 7096A Master of Software Engineering Project- Part A (6 units) <input type="checkbox"/>		Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>
YEAR 2	S2	COMP SCI 7096B Master of Software Engineering Project –Part B (9 units) <input type="checkbox"/>			Elective (3 units) <input type="checkbox"/>
	S1	COMP SCI 7023 Software Process Improvement (3 units) <input type="checkbox"/>	COMP SCI 7036 Software Engineering in Industry (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>

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	COMP SCI 7091 Commercialising IT Research (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	COMP SCI 7044 Computer System Security (3 units)* ^NOT OFFERED 2017 <input type="checkbox"/>	COMP SCI 7077 Solving Engineering Models (3 units) <input type="checkbox"/>	<input type="checkbox"/>
SEMESTER 2	COMP SCI 7092 Mobile & Wireless Systems (3 units) <input type="checkbox"/>	COMP SCI 7402 Introduction to Geometric Algorithms (3 units) <input type="checkbox"/>	COMP SCI 7000 Software Architecture (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	COMP SCI 7045 Distributed High Performance Computing (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>
	COMP SCI 7401 Introduction to Statistical Machine Learning (3 units) <input type="checkbox"/>	COMP SCI 7093 Evolutionary Computation (3 units) <input type="checkbox"/>	COMP SCI 7094 Distributed Databases & Data Mining (3 units)# <input type="checkbox"/>	<input type="checkbox"/>
SUMMER	COMP SCI 7010 Special Topics in Computer Science A (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	COMP SCI 7012 Special Topics in Computer Science B (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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