

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).

GRADUATE CERTIFICATE IN COMPUTER SCIENCE				
YEAR 1	Elective (3 units)	Elective (3 units)	Elective (3 units)	Elective (3 units)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CHOOSE FROM THE FOLLOWING ELECTIVES*				
FOUNDATION ELECTIVES	COMP SCI 7202 Foundations of Computer Science (6 units)	COMP SCI 7201 Algorithm & Data Structure Analysis (3 units)	COMP SCI 7081 Computer Systems (3 units)	COMP SCI 7207 Web & Database Computing (3 units)
	COMP SCI 7204 Advanced Programming Paradigms (3 units)	COMP SCI 7088 Systems Programming (3 units)		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL ELECTIVES	COMP SCI 7064 Operating Systems (3 units)	COMP SCI 7015 Software Engineering & Project (3 units)	COMP SCI 7026 Computer Architecture (3 units)	COMP SCI 7306 Mining Big Data (3 units)
	COMP SCI 7305 Parallel and Distributed Computing (3 units)	COMP SCI 7039 Computer Networks & Applications (3 units)	COMP SCI 7059 Artificial Intelligence (3 units)	COMP SCI 7307 Secure Programming (3 units)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	COMP SCI 7076 Distributed Systems (3 units) <input type="checkbox"/>	COMP SCI 7089 Event Driven Computing (3 units) <input type="checkbox"/>	COMP SCI 7090 Computer Graphics (3 units) <input type="checkbox"/>	COMP SCI 7027 Computational Cognitive Science (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
ADVANCED ELECTIVES	COMP SCI 7000 Software Architecture (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7005 Adaptive Business Intelligence (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7007 Specialised Programming (3 units) <input type="checkbox"/>	COMP SCI 7009 Modern Heuristic Methods (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
	COMP SCI 7010 Special Topics in Computer Science A (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7012 Special Topics in Computer Science B (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7022 Computer Vision (3 units) <input type="checkbox"/>	COMP SCI 7023 Software Process Improvement (3 units) <input type="checkbox"/>
	COMP SCI 7409 Search Based Software Engineering (3 units) <input type="checkbox"/>	COMP SCI 7041 Language Translators (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7044 Computer System Security (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 7054 High Integrity Software Engineering (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7077 Solving Engineering Models (3 units) <input type="checkbox"/>	COMP SCI 7091 Commercialising IT Research (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7092 Mobile & Wireless Systems (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"/>	COMP SCI 7401 Introduction to Statistical Machine Learning (3 units) <input type="checkbox"/>	COMP SCI 7402 Introduction to Geometric Algorithms (3 units) <input type="checkbox"/>
	COMP SCI 7407 Advanced Algorithms (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Before enrolling into electives, students are advised to seek course advice from an academic in the School of Computer Science to ensure pre-requisites for level IV electives are met.

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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:		

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GRADUATE CERTIFICATE IN COMPUTER SCIENCE – Semester 2 Start

YEAR 1	Elective (3 units) <input type="checkbox"/>	Elective (3 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*

FOUNDATION ELECTIVES	COMP SCI 7202 Foundations of Computer Science (6 units) <input type="checkbox"/>	COMP SCI 7201 Algorithm & Data Structure Analysis (3 units) <input type="checkbox"/>	COMP SCI 7081 Computer Systems (3 units) <input type="checkbox"/>	COMP SCI 7207 Web & Database Computing (3 units) <input type="checkbox"/>
	COMP SCI 7204 Advanced Programming Paradigms (3 units) <input type="checkbox"/>	COMP SCI 7088 Systems Programming (3 units) <input type="checkbox"/>	COMP SCI 7084 Introduction to Software Engineering (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL ELECTIVES	COMP SCI 7306 Mining Big Data (3 units) <input type="checkbox"/>	COMP SCI 7015 Software Engineering & Project (3 units) <input type="checkbox"/>	COMP SCI 7026 Computer Architecture (3 units) <input type="checkbox"/>	COMP SCI 7307 Secure Programming (3 units) <input type="checkbox"/>
	COMP SCI 7305 Parallel and Distributed Computing (3 units) <input type="checkbox"/>	COMP SCI 7039 Computer Networks & Applications (3 units) <input type="checkbox"/>	COMP SCI 7059 Artificial Intelligence (3 units) <input type="checkbox"/>	COMP SCI 7064 Operating Systems (3 units) <input type="checkbox"/>
	COMP SCI 7076 Distributed Systems (3 units) <input type="checkbox"/>	COMP SCI 7089 Event Driven Computing (3 units) <input type="checkbox"/>	COMP SCI 7090 Computer Graphics (3 units) <input type="checkbox"/>	COMP SCI 7027 Computational Cognitive Science (3 units) <input type="checkbox"/> ^NOT OFFERED 2017

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ADVANCED ELECTIVES	COMP SCI 7000 Software Architecture (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7005 Adaptive Business Intelligence (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7007 Specialised Programming (3 units) <input type="checkbox"/>	COMP SCI 7009 Modern Heuristic Methods (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
	COMP SCI 7010 Special Topics in Computer Science A (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7012 Special Topics in Computer Science B (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7022 Computer Vision (3 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"/>	COMP SCI 7041 Language Translators (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7044 Computer System Security (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 7054 High Integrity Software Engineering (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7077 Solving Engineering Models (3 units) <input type="checkbox"/>	COMP SCI 7091 Commercialising IT Research (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	COMP SCI 7092 Mobile & Wireless Systems (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"/>	COMP SCI 7401 Introduction to Statistical Machine Learning (3 units) <input type="checkbox"/>	COMP SCI 7402 Introduction to Geometric Algorithms (3 units) <input type="checkbox"/>
	COMP SCI 7407 Advanced Algorithms (3 units) <input type="checkbox"/>	COMP SCI 7409 Search Based Software Engineering (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Before enrolling into electives, students are advised to seek course advice from an academic in the School of Computer Science to ensure pre-requisites for level IV electives are met.