Faculty of Science, Engineering and Built Environment
2016 Course Re-Enrolment Map

Course:	S325 Bachelor of Information Technology (Honours)	
Campus:	Burwood (Melbourne), Waurn Ponds (Geelong)	
Student name:		ID#:
CoE expiry:		CTR (credit):

Use the course rules beneath this table to create your personal enrolment map. Your course map will vary if you are commencing in trimester 2.

Sample Enrolment Map

Year 1				
SIT010 – Safety Induction Program – 0 Credit Point Compulsory Unit				
Tri-1	SIT101 Fundamentals of Information Technology	SIT105 Critical Thinking and Problem Solving for IT	Elective unit	Major (SIT unit)
Tri-2	SIT103 Database and Information Retrieval	SIT104 Introduction to Web Development	Elective unit	Major (SIT unit)
Tri-3				
Year 2				
STP010 Introduction to Work Placements – 0 credit-point compulsory unit				
Tri-1	SIT223 Information Technology Professional Skills ^	SIT coded unit	SIT coded unit	Major (SIT unit)
Tri-2	SIT202 Computer Networks	Elective unit Level 2 or 3	Elective unit Level 2 or 3	Major (SIT unit)
Tri-3				
Year 3				
Tri-1	SIT374 Project Management	Elective unit Level 3	Elective unit Level 2 or 3	Major (SIT unit) Level 3
Tri-2	SIT302 Project	Elective unit Level 3	Elective unit Level 2 or 3	Major (SIT unit) Level 3
Tri-3				

^ Must have completed STP010 Introduction to Work Placements (0 credit point unit)

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Course Requirements:

The course comprises a total of 32 credit points, which must include the following:

- 8 core IT units
- minimum of 16 IT Course Grouped Units
- completion of SIT010 Safety Induction Program (0 credit-point compulsory unit)
- completion of STP010 Introduction to Work Placements (0 credit-point compulsory unit)
- at least one IT Major Sequence
- up to 10 electives (which may be used to complete a second major study)
- level 1 - maximum of 10 credit points
- levels 2 and 3 - minimum of 14 credit points over both levels
- level 3 - minimum of 6 credit points of which at least 4 must be a SIT/course-grouped units

PLUS

- 8 credit points consisting of Honours (research) units

Students will be required to maintain a 70% average to remain in the course – those who fail to meet this academic hurdle will be transferred to the generic Bachelor of Information Technology degree.

Major Sequences

Unit	Unit Title	Offered	Prerequisite
Cloud Computing (unit set code MJ-S000063)			
Burwood (Melbourne), Waurn Ponds (Geelong)			
SIT113	Cloud Computing and Virtualisation	1	Nil
SIT182	Introduction to Computer Security	2	Nil
SIT272	Enterprise Network Construction	1, 3	Nil
SIT277	Enterprise Network Management	2	SIT272
SIT340	Research and Development in Information Technology	1, 3	Nil
SIT382	System Security	2	SIT182 and SIT202
Game Development (unit set code MJ-S000042)			
Burwood (Melbourne), Waurn Ponds (Geelong), Cloud (online)			
SIT151	Game Fundamentals	1	Nil
SIT190*	Introductory Mathematical Methods	1, 2	Students who have successfully completed VCE Maths Methods 3 and 4 and/or Specialist Maths 3 and 4 are not normally eligible to enrol in this unit.
SIT153	Introduction to Game Programming	2	Nil
SIT204	Mathematics and Physics for Games	1	Nil
SIT255	Advanced Game Development	2	SIT153 or SIT251
SIT353	Multiplayer and Networked Games	2	Must have completed 4 units in SIT151, SIT152, SIT153, SIT251, SIT252, SIT253, SIT254, SIT255, SIT352, SIT354
SIT354	Real-Time Graphics and Rendering	1	SIT204 and one of SIT153, SIT251

****NOTE:** Students who have completed VCE Maths Methods 3 and 4, or equivalent, can replace SIT190 with an elective unit. Documentary evidence is required.

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Interactive Media Design (unit set code MJ-S0000043)
Burwood (Melbourne)

SIT161	Principles of Interactive Media	1	Nil
SIT162	Interactive Media Systems	2	Nil
SIT253	Audio and Visual Game Elements	2	SIT151 or SIT161
SIT264	Authoring of Interactive Media	1	SIT161 or SIT162 plus 2 SIT-coded units
SIT361	Multimedia Systems and Technology	1	Two SIT coded units (excluding mathematics units coded SIT19-, SIT29-, SIT39-)
SIT365	Interface Design	1	SIT162 or SIT120 or at least 4 SIT coded units (excluding mathematics units coded SIT19-, SIT29-, SIT39-)

Mobile and Apps Development (unit set code MJ-S000061)
Burwood (Melbourne), Cloud (online)

SIT102	Introduction to Programming	2	Nil
SIT120	Introduction to Apps Design	1	Nil
SIT206	iOS Programming	1	SIT102 or SIT153 and one other SIT coded unit
SIT207	Android Programming	2	SIT102 or SIT153 and one other SIT coded unit
SIT305	Advanced Apps Development	1	SIT206 and SIT207
SIT313	Mobile Computing	2	SIT202

Programming (unit set code MJ-S000062)
Burwood (Melbourne), Cloud (online), Waurn Ponds (Geelong)

SIT102	Introduction to Programming	2	Nil
SIT232	Object-Oriented Development	1	SIT102 or SIT153
SIT221	Data Structures and Algorithms	2	SIT131 or SIT232
SIT203	Web Programming	2	SIT103 and SIT104
SIT321	Software Engineering	1	Two SIT coded units (excluding mathematics units coded SIT19-, SIT29-, SIT39-)
SIT323	Practical Software Development	2	One of SIT131, SIT153, SIT232 or SIT251

Security (unit set code MJ-S000041)
Burwood (Melbourne), Cloud (online), Waurn Ponds (Geelong)

SIT182	Introduction to Computer Security	2	Nil
SIT192	Discrete Mathematics	1, 2	Nil
SIT281	Cryptography	2	SIT192
SIT284	IT Security Management	2	2 level 1 SIT-coded units
SIT382	System Security	2	SIT182 and SIT202
SIT384	Corporate Computer and Network Security	1	SIT284

SIT190 Introductory Mathematical Methods is a highly recommended elective unit (Tri-1, Tri-2)

Honours (Research) Units

Tri-1	SIT420 Introduction to Information Technology Research (2cps)	SIT421 Honours Information Technology Coursework (cps)
Tri-2	SIT422 Honours Information Technology Thesis A (2cps)	SIT423 Honours Information Technology Thesis A (2cps)

Student (name and signature)	**Course advisor (name and signature)**	**Date:**

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