S464 Bachelor of Software Engineering (Honours)

Student ID:		Student name:		
Deakin email:		Preferred contact number:		
Date:	Year commenced:	eCOE:		Campus:

2019 SAMPLE COURSE MAP

Last updated 8/2/2019

SIT010 Safety Induction Program (0 credit points) and STP050 Academic Integrity (0 credit points) and SEJ010 Introduction to Safety and Project Oriented Learning (0 credit points) (Trimester 1)

YEAR 1 Year: Year	Trimester 1	SEJ101 Design Fundamentals (2 credit points)		SEB101 Engineering Physics	SIT122 Robotics Studio
	Trimester 2	SIT102 Introduction to Programming	SIT103 Data and Information Management	SIT107 Software Engineering 1: Connecting the Cyber and Physical Worlds (2 credit points)	
	Trimester 3*				

STP010 Introduction to Work Placements – 0 credit-point compulsory unit (Trimester 2)

YEAR 2 Year: Year	Trimester 1	SIT199 Applied Algebra and Statistics	SIT232 Object-Orientated Development	SIT210 Embedded Device Development	SIT192 Discrete Mathematics
	Trimester 2	SIT209 Software Engineering 2: Developing Internet-Of-Things Applications (2 credit points)		SIT202 Networks and Communications	SIT221 Data Structures and Algorithms
	Trimester 3*				

YEAR 3 Year: Year	Trimester 1	SIT315 Programming Paradigms	SIT307 Data Mining and Machine Learning	SIT310 Robotics Application Development	Elective
	Trimester 2	SIT314 Developing Scalable Internet-Of-Things Applications	Elective	SIT311 Software Engineering 3: Designing User-Centric Internet-Of-Things Application (2 credit points) (2 credit points)	
	Trimester 3*				

YEAR 4 Year: Year	Trimester 1	SIT432 Developing Secure Internet-Of-Things Applications (from 2020)	SIT430 Honours Research Project A (2 credit points)		Elective
	Trimester 2	SIT433 Software Engineering 4: Professional Industry Experience (from 2020)	SIT431 Honours Research Project B (2 credit points)		Elective
	Trimester 3*				

* Trimester 3 is optional.

This course map is for illustrative purposes only. Students must meet the course rules and unit requirements as set out in the Handbook (**deakin.edu.au/handbook**). Deakin University reserves the right to alter, amend or delete details of course offerings and other information published herein. Students are advised to check the relevant Handbook online (at the above link) for the most up-to-date information relating to their course structure and available units.

KEY

B	Melbourne Burwood Campus	**E**	Enrolled/planned
WF	Geelong Waterfront Campus	**P**	Passed
WP	Geelong Waurn Ponds Campus	**Cr**	Credit
WB	Warrnambool Campus		
C	Cloud Campus		

Student signature:
Course adviser:

See page 2 for Course Progress Check instructions

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Course Progress Check

1 Please indicate what year you want to complete your degree by: ☐

At the end of which Trimester: ☐ 1 ☐ 2 ☐ 3

2 Please indicate whether you would like to study in Trimester 3: ☐ No ☐ Yes

If yes, please indicate number of units: ☐ *Please indicate the year you intend to commence Trimester 3:*

3 Mark the check boxes of any units you intend to study (enrolled/planned), have passed or received credit for. Each unit should only be ticked once.

4 Submit this form to the Faculty Student Centre or send it via email to: sebe@deakin.edu.au

Please indicate what year you want to complete your degree by: ☐

A Student Adviser will check your units and will confirm your course plan or provide advice as needed.

For course rules please visit: **deakin.edu.au/handbook**

S464 Course Rules

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

- 20 core units (28 credit points which includes a compulsory internship unit)
- 4 elective units
- Completion of SIT010 Safety Induction Program (0 credit point compulsory unit)
- Completion of SEJ010 Introduction to Safety and Project Oriented Learning (0 credit point compulsory unit)
- Completion of STP010 Introduction to Work Placements (0 credit point compulsory unit)
- Completion of STP050 Academic Integrity (0-credit-point compulsory unit)
- A maximum of 10 credit points at Level 1
- A minimum of 22 credit points combined over levels 2, 3 and 4
- A minimum of 6 credit points at level 4

Recommended elective units:

SIT708	Mobile Systems Development
SIT718	Real World Analytics
SIT741	Statistical Data Analysis
SIT742	Modern Data Science
SIT755	Interaction and Design for Virtual Reality and Augmented Reality
SIT756	Development for Virtual Reality
SIT703	Advanced Digital Forensics
SIT707	Software Quality and Testing
SIT717	Enterprise Business Intelligence
SIT720	Machine Learning
SIT743	Multivariate and Categorical Data Analysis
SIT744	Practical Machine Learning for Data Science

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