

**BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334): 2013**  
**Information and Communication Technologies major: Caulfield**

Student Name: \_\_\_\_\_ ID: \_\_\_\_\_

This course map shows a recommended progression only. Some units can be taken in semesters other than those indicated below. Students completing units in a different sequence to that indicated below should be aware of unit prerequisites and semesters of offering prior to varying their course progression. Please see a Course Advisor for any queries.

**Year 1**

<b>First Semester</b>	<b>FIT1004</b> Data management	<b>FIT1031</b> Computers and networks or <b>FIT1047</b> Introduction to computer systems, networks and security (CL S1, S2)	<b>FIT1040</b> Digital futures: Adventures in programming	<b>FIT1038</b> Introduction to information technology
<b>Second Semester</b>	<b>FIT1005</b> Networks and data communications or <b>FIT1047**</b> Introduction to computers, networks and security (CL S1, S2)	<b>Elective 1</b> (any Monash unit)	<b>Elective 2</b> (any Monash unit)	<b>Elective 3</b> (any Monash unit)

**Year 2**

<b>First Semester</b>	<b>FIT2001</b> Systems development [24pts FIT study]	<b>FIT2002</b> Project management [24pts of study, including FIT1040 or equivalent]	<b>FIT2065</b> Operating systems and the Unix environment [FIT1031]	<b>FIT2077</b> Advanced data management [FIT1004]
<b>Second Semester</b>	<b>FIT2003</b> IT professional practice [24pts FIT study]	Information and Communication Technologies programming unit (see list of units below)	<b>FIT2078</b> Introduction to security [FIT1031]	<b>Elective 4</b> (any Monash unit)

**Year 3**

<b>First Semester</b>	<b>FIT3047</b> Industry experience studio project 1 [Refer to Handbook]	Information and Communication Technologies major elective (see list of units below)	<b>Elective 5</b> (any Monash unit)	<b>Elective 6</b> (any Monash unit)
<b>Second Semester</b>	<b>FIT3048</b> Industry experience studio project 2 [FIT3047]	Information and Communication Technologies major elective (see list of units below)	<b>Elective 7</b> (any Monash unit)	<b>Elective 8</b> (any Monash unit)

**\*\*Students that have not already completed BOTH FIT1031 and FIT1005 are required to complete FIT1047 and another FIT Level 1 unit**

## Degree requirements:

- Students must complete a total of 144 credit points
- Students must not complete more than 10 units (60 points) of first year level units
- Students must complete at least 36 credit points of third year level units; of which at least 24 credit points must be those offered by FIT
- Students must complete all requirements within 8 years.

All course variations must be approved by the Course Director and must be confirmed in writing.

**INFORMATION AND COMMUNICATION TECHNOLOGIES ELECTIVES:**

FIT2076 Web-database interface (CA S2)	FIT3003 Business intelligence and data warehousing (CL S2)
FIT3031 Information and network security (CA S1)	FIT3056 Secure and trusted software systems (Not offered 2016)
FIT3130 Network design and deployment (Not offered 2016)	FIT3148 Cases in information and technology (Not offered 2016)
FIT3149 Network administration (CA S1)	

**INFORMATION AND COMMUNICATION TECHNOLOGIES PROGRAMMING UNITS:**

FIT1008 Introduction to computer science (CL S1, S2)	FIT1035 Digital media authoring (CA S2)
FIT2029 Web programming (Not offered 2016)	FIT2034 Computer programming 2 (CA S1)
FIT2071 Foundations of C++ (CA S1)	FIT2081 Mobile applications development (CL S1)