

BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334): 2011 - 2012
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.

UNITS IN RED ARE REPLACEMENTS FOR CORE UNITS NO LONGER OFFERED. SEE
<http://www.infotech.monash.edu.au/current/course-information/> **FOR FURTHER TRANSITION INFORMATION.**
Year 1

First Semester	FIT1002 Computer programming or FIT1040 Digital futures: Adventures in programming (CL S1)	FIT1004 Data management	FIT1031 Computers and networks or FIT1047 Introduction to computer systems, networks and security (CL S1, S2)	FIT1038 Introduction to information technology
Second Semester	FIT1005 Networks and data communications or FIT1047** Introduction to computers, networks and security (CL S1, S2)	Elective 1 (any Monash unit)	Elective 2 (any Monash unit)	Elective 3 (any Monash unit)

Year 2

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

Year 3

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

- 144 credit points
- A maximum of 10 units (60 points) of first year level units
- At least 6 units (36 points) must be completed at third year level; of which at least 4 units (24 points) must be those offered by FIT
- 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)	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)