



BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334)

2010 transition course map

Security Major: Caulfield

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://intranet.monash.edu.au/infotech/current/course-information/> **FOR FURTHER TRANSITION INFORMATION.**

Level 1

First Semester	FIT1001 Computer systems or FIT1031 Computers and networks or FIT1047** Introduction to computer systems, networks and security (CL S1, S2)	FIT1002 Computer programming or FIT1040 Digital futures: Adventures in programming (CL S1)	FIT1003 IT in organisations or FIT1036 Enterprises and information	Elective 1 (any Monash level 1, 2 or 3 unit)
Second Semester	FIT1004 Data management	FIT1005 Networks and data communications or FIT1047** Introduction to computers, networks and security (CL S1, S2)	FIT1019 Introduction to security or FIT2078 Introduction to security [FIT1001 or FIT1031] (CL S2)	Elective 2 (any Monash level 1, 2 or 3 unit)

Level 2

First Semester	FIT2001 Systems development [24pts FIT study]	FIT2018 Network administration [FIT1005]	FIT2065 Operating systems and the UNIX environment [FIT1001 & FIT1031]	Elective 3 (any Monash level 1, 2 or 3 unit)
Second Semester	FIT2002 Project management [24pts of study, including FIT1040 or equivalent]	FIT2028 Web systems 2 or FIT2076 Web-database interface [Refer to Handbook] (CA S2)	FIT2034 Computer programming 2 [FIT1002 or FIT1040]	Elective 4 (any Monash level 1, 2 or 3 unit)

Level 3

First Semester	FIT3047 Industrial experience studio project 1 [Refer to Handbook]	FIT3105 Identity management [FIT1019] or FIT3130 Computer network design & deployment [FIT1005]	FIT3031 Information and network security [FIT1031 or FIT1005]	Elective 5 (any Monash level 2 or 3 unit)
Second Semester	FIT3048 Industrial experience studio project 2 [FIT3047]	FIT3056 Secure and trusted software systems [(FIT1002 or FIT1040) & (FIT1019 or FIT2078)]	Level 3 FIT unit (any campus)	Elective 6 (any Monash level 2 or 3 unit)

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

144 points must be completed to qualify for the degree of Bachelor of Information Technology and Systems, with the following conditions:

- normally 48 points, and a maximum of 60 points, of first year level units will be counted;
- at least 36 points must be completed at second year level;
- at least 36 points must be completed at third year level;

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