



BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334)

2010 transition course map

Applications Development and Networks Major: Gippsland and OCL

Bachelor of Computing: South Africa

This course map shows a recommended progression only. Some units can be taken in semesters other than those indicated above. Students completing units in a different sequence to that indicated above 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	FIT1002 Computer Programming or FIT1040 Programming fundamentals	FIT1003 IT in Organisations or FIT2003 IT Professional practice	Elective 1 (any Monash level 1, 2 or 3 unit)
Second Semester	FIT1004 Database	FIT1005 Networks and data communications (Caulfield) or contact the Course Director	FIT2034 Computer programming 2 [FIT1002 or FIT1040]	Elective 2 (any Monash level 1, 2 or 3 unit)

Level 2

First Semester	FIT2001 Systems analysis and design [co-req: FIT1004 or FIT2010]	FIT2020 Networks and data communications 2 [FIT1005 or FIT1031]	FIT2029 Web programming [(FIT1002 or FIT1040) & FIT1004]	Elective 3 (any Monash level 1, 2 or 3 unit)
Second Semester	FIT2002 Project management [24pts level 1 study]	FIT2005 Systems analysis and design 2 [(FIT1002 or FIT1040) & FIT2001]	FIT2009 Data structures and algorithms [FIT2034]	Elective 4 (any Monash level 1, 2 or 3 unit)

Level 3

First Semester	FIT3047 Industrial experience project 1 [Refer to Handbook]	FIT3046 Operating environments [FIT1001 or FIT1031]	Level 3 FIT unit (any campus)	Elective 5 (any Monash level 2 or 3 unit)
Second Semester	FIT3048 Industrial experience project 2 [FIT3047]	FIT3037 Software engineering [FIT2005]	FIT3028 Multimedia concepts and applications or FIT3130 Computer network design and deployment or FIT3031 Information and network security [FIT1005 or FIT1031]	Elective 6 (any Monash level 2 or 3 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;
- 36 points of free electives.

All units are 6 points unless indicated otherwise

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