



BACHELOR OF COMPUTER SCIENCE (2380) – 2010 Transition Industry Based Learning (IBL) Placement

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	MAT1841 Mathematics for computer science 1 OR MAT2003 Continuous mathematics for computer science	FIT1029 Algorithmic problem solving
Second Semester	FIT1003 IT in organisations	FIT1008 Computer science	MAT1830* Mathematics for computer science 2	Elective

Level 2

Summer Semester	FIT3086 Project management OR FIT2002 Project management			
First Semester	FIT2001 System analysis and design	FIT2010 Database OR FIT1004 Data management	FIT2004 Algorithms and data structures	FIT2043 Technical documentation for software engineers
Second Semester	FIT2022 Computer systems 2 OR FIT2070 Operating systems	FIT2008 Networks and data communications OR FIT1005 Networks and data communications (Caulfield)	FIT2014 Theory of computation	Elective #

Level 3

First Semester	FIT3045 # Industry based learning (18 points)			
Second Semester	FIT3077 Software engineering: architecture and design	FIT3014 Analysis and design of algorithms OR Approved Computer Science Elective	Elective #	Elective #

144 points must be completed to qualify for the degree of Bachelor of Computer Science, 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 units are 6 points unless indicated otherwise.

IBL students who do not complete FIT3086 over summer must complete their final Elective as an overload during 2nd year or Semester 2, 3rd year.

Please see <http://intranet.monash.edu.au/infotech/current/course-information/> for specified Approved Computer Science Electives.

Students should check the current University Handbook for unit prerequisites.