

BACHELOR OF COMPUTER SCIENCE (2380): 2011 - 2012
Coursework stream

Student Name: _____ ID: _____

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

Year 1

First Semester	FIT1029 Algorithmic problem solving	FIT1002 Computer programming OR FIT1040 Programming fundamentals	MAT1830 Discrete mathematics for computer science	Elective
Second Semester	FIT1008 Introduction to computer science [FIT1002 or FIT1040 & FIT1029]	FIT1004 Data management	FIT1031 Computers and networks	Elective

Year 2

First Semester	FIT2004 Algorithms and data structures [FIT1008 & 6 pts approved Maths]	FIT2001 Systems development [Co-req: FIT1004 or FIT2010]	FIT2003 IT professional practice [24pts level 1 IT]	Elective
Second Semester	FIT2014 Theory of computation [FIT1029 & 6 pts approved Maths]	FIT2002 Project management [24pts level 1]	MAT2003 Continuous mathematics for computer science	Elective

Year 3

First Semester	FIT3140 Advanced programming [FIT1008]	Level 3 Computer Science Approved Elective*	Elective	Elective
Second Semester	FIT3036 Computer science project (6 pts) [FIT2004 or FIT3140] OR FIT3144* Computer science project (12 pts) [FIT2004 or FIT3140 plus completion of a named minor or of 24 points of units counting towards a named major]	Level 3 Computer Science Approved 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. This requirement is reduced to 24 points at level three if two named minors are taken.

All units are 6 points unless indicated otherwise

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

* Students completing the 12-point Computer science project (FIT3144) will only complete one Approved Computer Science Elective

Please see <http://www.infotech.monash.edu.au/current/course-information/> for specified Approved Computer Science Electives and <http://www.monash.edu.au/pubs/handbooks/courses/2380.html> for information on recommended majors and minors in the Bachelor of Computer Science.