MONASH University

Course progression map for 2017 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

C3001 Bachelor of Computer Science Advanced (Honours)

The placement of units may be rearranged to provide flexibility in choice of elective units.

YEAR 1 Semester 1	FIT1045 Agorithms and programming fundamentals in python	MAT1830 Discrete mathematics for computer science	FIT1047 Introduction to computer systems, networks and security	Elective
YEAR 1 Semester 2	FIT1008 Introduction to computer science	MAT1841 Continuous mathematics for computer science	FIT1041 Research project 1	Elective
Summer semester	Elective			
YEAR 2 Semester 1	FIT2004 Algorithms and data structures	Elective	FIT2083 Research methods in computer science	Elective
YEAR 2 Semester 2	FIT2014 Theory of computation	FIT2102 Programming paradigms	FIT2082 Research project 2	Elective
YEAR 3 Semester 1	FIT3045 Industry Based Learning or FIT3153 Research Placement (18 points)			
YEAR 3 Semester 2	FIT3155 Advanced data structures and algorithms	FIT3143 Parallel computing	FIT3171 Databases	L3 computer science elective
YEAR 4 Semester 1	FIT4441 Honours thesis	FIT4442 Honours thesis	Approved level 4/5 elective	Elective
YEAR 4 Semester 2	FIT4443 Honours thesis	FIT4444 Honours thesis	Approved level 4/5 elective	Elective

A	Foundational computer science
C	Specialist discipline knowledge
B&D	Research and professional skills
E	Applied practice
F	Free elective study