

BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334): 2013

Applications Development major: Caulfield

Student Name: _____ ID: _____

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.

Year 1

First Semester	FIT1004 Data management	FIT1031 Computers and networks or FIT1047 Introduction to computer systems, networks and security (CL S1, S2)	FIT1040 Digital futures: Adventures in programming	FIT1039 Web systems or FIT1050 Web fundamentals (CA S1, CL S1)
Second Semester	Elective 1 (any Monash unit)	Elective 2 (any Monash unit)	Elective 3 (any Monash unit)	Elective 4 (any Monash unit)

Year 2

First Semester	FIT2001 Systems development [24pts FIT study]	FIT2002 Project management [24pts of study, including FIT1040 or equivalent]	FIT2077 Advanced data management [FIT1004]	FIT2034 Computer programming 2 [FIT1040]
Second Semester	FIT2003 IT professional practice [24pts FIT study]	FIT2076 Web-database interface [FIT1040 & FIT1004]	FIT2027 Systems design and implementation [FIT1040 & FIT1004 & FIT2001]	Elective 5 (any Monash unit)

Year 3

First Semester	FIT3047 Industry experience studio project 1 [Refer to Handbook]	Applications Development major elective (see list of units below)	Elective 6 (any Monash unit)	Elective 7 (any Monash unit)
Second Semester	FIT3048 Industry experience studio project 2 [FIT3047]	FIT3063 Human-computer interaction [FIT2001 or FIT2027]	Applications Development major elective (see list of units below)	Elective 8 (any Monash unit)

Degree requirements:

- Students **must** complete a total of 144 credit points
- Students **must not** complete more than 10 units (60 points) of first year level units
- Students **must** complete at least 36 credit points of third year level units; of which at least 24 credit points **must** be those offered by FIT
- Students **must** complete all requirements within 8 years.

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

APPLICATIONS DEVELOPMENT ELECTIVES: (note – list is subject to change)

FIT2009 Data structures and algorithms (Not offered 2016)
FIT2024 Software engineering practice (CL S1)
FIT2049 Games programming with C++ (CA S2)
FIT2071 Foundations of C++ (CA S1)
FIT3027 Android and iOS development (CA S1)
FIT3138 Real-time enterprise systems (CL S2)