

BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334): 2011 - 2012
Games 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.

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	FIT1002 Computer programming or FIT1040 Digital futures: Adventures in programming (CL S1)	FIT1004 Data management	FIT1033 Foundations of 3D	VCM1001 Visual communication
Second Semester	FIT1031 Computers and networks or FIT1047 Introduction to computer systems, networks and security (CL S1, S2)	FIT1034 Principles of computer graphics	Elective 1 (any Monash unit)	Elective 2 (any Monash unit)

Year 2

First Semester	FIT2001 Systems development [24pts FIT study]	FIT2002 Project management [24pts of study, including FIT1040 or equivalent]	FIT2071 Foundations of C++ [FIT1002 or FIT1040]	Elective 3 (any Monash unit)
Second Semester	FIT2003 IT professional practice [24pts FIT study]	FIT2049 Games programming with C++ [FIT2071]	FIT2073 Game design studio 1	Elective 4 (any Monash unit)

Year 3

First Semester	FIT3039 Studio 1 [Refer to Handbook]	FIT3094 Artificial life, artificial intelligence for virtual environments [FIT2049 or FIT2096]	FIT3145 Games engine programming [FIT2049 and FIT2073]	Elective 5 (any Monash unit)
Second Semester	FIT3040 Studio 2 [FIT3039]	FIT3146 Emergent technologies and interfaces [24pts level 2 or 3 FIT study]	Elective 6 (any Monash unit)	Elective 7 (any Monash unit)

Degree requirements:

- 144 credit points
- A maximum of 10 units (60 points) of first year level units
- At least 6 units (36 points) must be completed at third year level; of which at least 4 units (24 points) must be those offered by FIT

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