



**BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334)**

**2010 transition course map**

**Systems Development Major: Caulfield**

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

**Level 1**

<b>First Semester</b>	<b>FIT1001</b> Computer systems or <b>FIT1031</b> Computers and networks or <b>FIT1047**</b> Introduction to computer systems, networks and security (CL S1, S2)	<b>FIT1002</b> Computer programming or <b>FIT1040</b> Digital futures: Adventures in programming (CL S1)	<b>FIT1004</b> Data management	<b>FIT1005</b> Networks and data communications or <b>FIT1047**</b> Introduction to computers, networks and security (CL S1, S2)
<b>Second Semester</b>	<b>FIT1003</b> IT in organisations or <b>FIT1036</b> Enterprises and information or <b>FIT1028</b> Business information technology and systems (BE S2)	<b>FIT2034</b> Computer programming 2 [FIT1002 or FIT1040]	<b>Elective 1</b> (any Monash level 1, 2 or 3 unit)	<b>Elective 2</b> (any Monash level 1, 2 or 3 unit)

**Level 2**

<b>First Semester</b>	<b>FIT2001</b> Systems development [24pts FIT study]	<b>FIT2002</b> Project management [24pts of study, including FIT1040 or equivalent]	<b>FIT2024</b> Software engineering practice (Clayton) [FIT1008 or FIT2034]	<b>FIT2065</b> Operating systems and the UNIX environment [FIT1001 or FIT1031]
<b>Second Semester</b>	<b>FIT2027</b> Systems design and implementation [(FIT1002 or FIT1040) & FIT1004 & FIT2001]	<b>FIT2028</b> Web systems 2 or <b>FIT2076</b> Web-database interface [Refer to Handbook] (CA S2)	<b>Elective 3</b> (any Monash level 1, 2 or 3 unit)	<b>Elective 4</b> (any Monash level 1, 2 or 3 unit)

**Level 3**

<b>First Semester</b>	<b>FIT3047</b> Industrial experience studio project 1 [Refer to Handbook]	<b>FIT3126</b> Applications with C++ [FIT1002] or <b>Level 3 FIT unit</b> (any campus)	<b>FIT3118</b> Database design and administration [FIT1004] or <b>FIT2077</b> Advanced data management [FIT1004] (CA S1)	<b>Elective 5</b> (any Monash level 2 or 3 unit)
<b>Second Semester</b>	<b>FIT3048</b> Industrial experience studio project 2 [FIT3047]	<b>FIT3057</b> Enterprise programming or <b>FIT3043</b> Web systems 3 or <b>FIT3083</b> e-Business software technologies [FIT1002 or FIT2081] (CL S2)	<b>FIT3073 *</b> Data mining or <b>FIT3003</b> Business intelligence and data warehousing [FIT1004] (CL S2)	<b>Elective 6</b> (any Monash level 2 or 3 unit)

**\*\*Students that have not already completed BOTH FIT1031 and FIT1005 are required to complete FIT1047 and another FIT Level 1 unit.**

144 points must be completed to qualify for the degree of Bachelor of Information Technology and Systems, 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 course variations must be approved by the Course Director and must be confirmed in writing.