# Bachelor of Information Technology and Systems (3334): 2013

## Information and Communication Technologies 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

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>First</td>
<td>FIT1004</td>
<td>Data management</td>
<td>FIT1031</td>
<td>Computers and networks or FIT1047 Introduction to computer systems, networks and security (CL S1, S2)</td>
<td>FIT1040</td>
<td>Digital futures: Adventures in programming</td>
</tr>
<tr>
<td>Second</td>
<td>FIT1005</td>
<td>Networks and data communications or FIT1047** Introduction to computers, networks and security (CL S1, S2)</td>
<td>Elective 1</td>
<td>(any Monash unit)</td>
<td>Elective 2</td>
<td>(any Monash unit)</td>
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</tbody>
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### Year 2

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<tr>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>First</td>
<td>FIT2001</td>
<td>Systems development [24pts FIT study]</td>
<td>FIT2002</td>
<td>Project management [24pts of study, including FIT1040 or equivalent]</td>
<td>FIT2065</td>
<td>Operating systems and the Unix environment [FIT1031]</td>
<td>FIT2077</td>
<td>Advanced data management [FIT1004]</td>
</tr>
<tr>
<td>Second</td>
<td>FIT2003</td>
<td>IT professional practice [24pts FIT study]</td>
<td>Elective 4</td>
<td>(any Monash unit)</td>
<td>FIT2078</td>
<td>Introduction to security [FIT1031]</td>
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### Year 3

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<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>First</td>
<td>FIT3047</td>
<td>Industry experience studio project 1 [Refer to Handbook]</td>
<td>Elective 5</td>
<td>(any Monash unit)</td>
<td>Elective 6</td>
<td>(any Monash unit)</td>
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<tr>
<td>Second</td>
<td>FIT3048</td>
<td>Industry experience studio project 2 [FIT3047]</td>
<td>Elective 7</td>
<td>(any Monash unit)</td>
<td>Elective 8</td>
<td>(any Monash unit)</td>
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**Students that have not already completed BOTH FIT1031 and FIT1005 are required to complete FIT1047 and another FIT Level 1 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.

### Information and Communication Technologies Electives:

- FIT2076 Web-database interface (CA S2)
- FIT3003 Business intelligence and data warehousing (CL S2)
- FIT3031 Information and network security (CA S1)
- FIT3056 Secure and trusted software systems (Not offered 2016)
- FIT3130 Network design and deployment (Not offered 2016)
- FIT3148 Cases in information and technology (Not offered 2016)
- FIT3149 Network administration (CA S1)

### Information and Communication Technologies Programming Units:

- FIT1008 Introduction to computer science (CL S1, S2)
- FIT1035 Digital media authoring (CA S2)
- FIT2029 Web programming (Not offered 2016)
- FIT2034 Computer programming 2 (CA S1)
- FIT2071 Foundations of C++ (CA S1)
- FIT2081 Mobile applications development (CL S1)

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