## Bachelor of Computer Science (2380) - 2013
### Coursework stream

**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 above 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 Name</th>
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<tbody>
<tr>
<td>First</td>
<td>FIT1029</td>
<td>Algorithmic problem solving</td>
<td>FIT1040</td>
<td>Programming fundamentals</td>
<td>MAT1830</td>
<td>Discrete mathematics for computer science</td>
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</table>
| Second         | FIT1008     | Introduction to computer science [
FIT1040 or FIT1002 & FIT1029]                  | FIT1004     | Data management                                  | FIT1031     | Computers and networks                           |
|                |             |                                                   |             |                                                  |             |                                                  |

### Year 2

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</table>
| First          | FIT2004     | Algorithms and data structures [
FIT1008 & 6 pts approved Maths]                  | FIT2001     | Systems development [
Co-req: FIT1004]                             | FIT2003     | IT professional practice [
24pts level 1 IT]                             |
|                |             |                                                   |             |                                                  |             |                                                  |
| Second         | FIT2014     | Theory of computation [
FIT1029 & 6 pts approved Maths]                  | FIT2002     | Project management [
24pts level 1]                              | MAT2003     | Continuous mathematics for computer science        |
|                |             |                                                   |             |                                                  |             |                                                  |

### Year 3

<table>
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</table>
| First          | FIT3140     | Advanced programming [
FIT1008]                        |             | Level 3 Computer Science Approved Elective*     |             | Elective                                         |
|                |             |                                                   |             |                                                  |             |                                                  |
| Second         | FIT3036     | Computer science project (6 pts) [
FIT2004 or FIT3140] or FIT3144* Advanced computer science project (12 pts) [
FIT2004 or FIT3140 plus completion of a named minor or of 24 points of units counting towards a named major] |             | Level 3 Computer Science Approved Elective*     |             | Elective                                         |
|                |             |                                                   |             |                                                  |             |                                                  |

144 points must be completed to qualify for the degree of Bachelor of Computer Science, 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. This requirement is reduced to 24 points at level three if two named minors are taken.

All units are 6 points unless indicated otherwise.

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

* Students completing the 12-point Computer science project (FIT3144) will only complete one Approved Computer Science Elective.


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