Information Technology

Bachelor of Computer Science

Industry Based Learning Stream Course Map - 2013

Year 1

First Semester	**FIT1029** Algorithmic problem solving	**MAT1830** Discrete mathematics for computer science	**FIT1040** Programming fundamentals	**Major/Minor Elective**
Second Semester	**FIT1008** Introduction to computer science	**FIT1031** Computers and networks	**FIT1004** Data management	**Major/Minor Elective**

Year 2

Summer Semester	**FIT2002** Project management			
First Semester	**FIT2001** Systems development	**FIT2003** IT professional practice	**FIT3140** Advanced programming	**Major/Minor Elective**
Second Semester	**FIT2004** Algorithms and data structures	**MAT2003** Continuous mathematics for computer science	**Major/Minor Elective**	**Major/Minor Elective**

Year 3

First Semester	**FIT3045** Industry based learning (18 points)			
Second Semester	**FIT2014** Theory of computation	**Major/Minor Elective**	**Major/Minor Elective**	**Major/Minor Elective**

Common Core (units common to all IT undergraduate degrees)

Available Majors/Minors (to be completed in elective slots)

Decision support
Mathematics
Systems Development