

857SE Bachelor of Engineering (Software) and Bachelor of Science

Year and Campus:	2010
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Undergraduate
Duration & Credit Points:	
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Course Overview:	Students enrolled in the BE/BSc and the BE(IT)/BSc, planning to undertake a science major in computer science, may take this accelerated sequence of subjects in order to maximise their choice of computer or electrical engineering electives in their final two years of study.
Objectives:	-
Course Structure & Available Subjects:	-
Subject Options:	<p>Note: The course structures outlined below are provided for students who commenced the Bachelor of Engineering prior to 2008. Students who commenced the program in 2008 or 2009 should refer to the revised Bachelor of Engineering (355-AA) course description available here (/view/2009/355) .</p> <p>-----</p> <p>Accelerated program for a major in mathematics in the BSc component of the Bachelor of Engineering Note: Students who commenced 3rd year in 2009 and have not completed (or who have failed) the third year subjects required in the Bachelor of Engineering degree please see a course adviser.</p> <p>Fourth year Science subjects 100</p> <p>Fifth year Year-long 433-440 Advanced Software Engineering Project 25</p> <p>Semester 1 CSSE 300-level or 400-level elective 25 Elective 12.5</p> <p>Semester 2 CSSE 300-level and 400-level electives 25 Elective 12.5</p> <p>The 62.5 points labelled CSSE electives must be selected, subject to prerequisites being satisfied, from the 300-level, 400-level and (with the approval of the Department) masters-level subjects offered by the Department and must include at least 37.5 points selected from: 433-322 Operating Systems and Network Services, 433-351 Database Systems and 433-441 System Modelling and Analysis. 433-643 IT Project Management is strongly recommended. 12.5 points of other elective subjects may be used for additional computer science or electrical engineering subjects. The selection of elective subjects may be restricted by timetable and prerequisite requirements.</p> <p>In 2005 the Department introduced restrictions to the computing subjects offered by other departments which can be taken as electives in the BCS, BE(Software), BE(Eng Mgt) and BE(Biomedical) Bioinformatics programs. Students are advised to visit the School of Engineering Community in LMS for more details.</p>

Accelerated program for a major in physics in the BSc component of the Bachelor of Engineering

Note: Students who commenced 3rd year in 2009 and have not completed (or who have failed) the third year subjects required in the Bachelor of Engineering degree please see a course adviser.

Fourth year

Science subjects 100

Fifth year

Year-long

433-440 Advanced Software Engineering Project 25

Semester 1

CSSE 300-level or 400-level elective 25

Elective 12.5

Semester 2

CSSE 300-level and 400-level electives 25

Elective 12.5

Students wishing to take science majors other than the ones listed above should contact the Faculty of Science, Department of Computer Science and Software Engineering and the Department of Electrical and Electronic Engineering for course planning advice.

Students must plan their course so that the subjects chosen in the other faculty do not clash with those recommended for the engineering component.

Students may choose to take the final year of Computer Engineering or Electrical Engineering before the Science year.

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Students who commenced before 2004 may replace 433-342 with one of 433-322, 433-351, 433-441.

Entry Requirements:	There will be no further entry into this course.
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Further Study:	-
Graduate Attributes:	The Melbourne School of Engineering has mapped the University of Melbourne graduate attributes with Engineers Australia graduate attributes and Melbourne School of Engineering graduate attributes.