985SE Bachelor of Engineering (Software Engineering)/Bachelor of Science

Year and Campus:	2010 - Parkville
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Undergraduate
Duration & Credit Points:	500 credit points taken over 60 months full time. This course is available as full or part time.
Coordinator:	Shanika Karunasekera
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Course Overview:	Students enrolled in the BE/BSc and the BE(IT)/BSc, planning to undertake a science major in physics or mathematics, 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:	Note: The course structure outlined below is 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)** . --- **Accelerated program for a major in mathematics in the BSc component of the Bachelor of Engineering** THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE_ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008 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. THERE WILL BE NO FIRST TO THIRD YEAR ENTRY INTO THIS COURSE. **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 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 of Computer Science and Software Engineering and must include at least 37.5 points selected from: 433-332 Operating Systems or equivalent , 433-351

	Database Systems or equivalent , 433-353 Networks and Communications or equivalent , 433-371 Interactive System Design or equivalent and 433-441 System Modelling and Analysis or equivalent . 433-643 IT Project Management is strongly recommended. The selection of elective subjects may be restricted by timetable and prerequisite requirements. Note that in 2005 the Department of Computer Science and Software Engineering introduced restrictions to the computing subjects offered by other departments which can be taken as electives in the BCS, BE (Software), BE (Eng Mgt) Software and BE (Biomedical) Bioinformatics programs. Students are advised to visit the School of Engineering LMS community for current students when choosing their subjects. ---------- **Accelerated program for a major in physics in the BSc component of the Bachelor of Engineering** **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 and the Department of Computer Science and Software 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. 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 of Computer Science and Software Engineering, and must include at least 37.5 points selected from: 433-332 Operating Systems or equivalent , 433-351 Database Systems or equivalent , 433-353 Networks and Communications or equivalent , 433-371 Interactive System Design or equivalent and 433-441 System Modelling and Analysis or equivalent . 433-643 IT Project Management is strongly recommended. The selection of elective subjects may be restricted by timetable and prerequisite requirements. Students who commenced before 2004 may replace 433-342 with one of 433-332, 433-351, 433-353, 433-371 and 433-441. Note that in 2005 the Department of Computer Science and Software Engineering introduced restrictions to the computing subjects offered by other departments which can be taken as electives in the BCS, BE (Software), BE (Eng Mgt) Software and BE (Biomedical) Bioinformatics programs. Students are advised to visit the School of Engineering LMS community for current students when choosing their subjects.
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 Bachelor of Engineering is a professional degree. Graduates can obtain professional recognition by joining Engineers Australia who has accredited these programs.The Bachelor of Engineering also delivers on the University graduate attribute http://www.unimelb.edu.au/about/attributes.html