985AR Bachelor of Engineering (Environmental) and 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.
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Course Overview:	Students studying the BE/BSc degree should consult the BE single degree course structure for a current list of the core engineering subjects. Students should regularly check the Department of Civil and Environmental Engineering's course advice page for additional information and up-to-date course advice on the web. When setting the timetable every effort will be made to avoid clashes between the times of classes associated with these sets of subjects. Students should be aware however, that if it proves to be impossible to achieve a timetable without clashes in these sets of subjects, the Faculty reserves the right to modify course structures in order to eliminate the conflicts. Students will be advised during the enrolment period of the semester if the recommended courses need to be varied. Where the courses include elective subjects these should be chosen so that timetable clashes are avoided. In particular, students in combined degrees should plan their courses so that the subjects chosen in the other faculty do not clash with those recommended for the engineering component.
Objectives:	-
Course Structure & Available Subjects:	The standard BE/BSc combined degrees require a total of 500 points, within which students must take a minimum of 300 engineering points and 237.5 science points. The total points of a standard course can be kept to 500 as at least 50 points of core material within the various streams of engineering also earn science points. BE/BSc course structure To satisfy course requirements students must: take the set of core engineering subjects prescribed for the branch of engineering being studied. This will include the professional study requirements in one of chemical engineering, civil engineering, environmental engineering, mechanical engineering; and either electrical, computer or software engineering; accumulate a minimum of 237.5 science points, which must include: between 75 and 125 points at 100-level; completion of 50 points of a prescribed science major at the 300-level. Detailed information on the science majors available is contained within the course entry for the Bachelor of Science (**course code 755-BB (/view/2008/755-BB)**) With regard to the science component note that: There are no specific requirements at the 200-level. Science points are awarded for the completion of science subjects listed in the Faculty of Science section of this Handbook. The majority of subjects listed in this section earn science credit, although there are exceptions. Some subjects offered by the Department of Information

Systems, Department of Mathematics and Statistics, and School of Earth Sciences do not earn science credit. If a subject does not earn science credit it is labelled as non-science in the subject description. Any subject that does not appear in the science section of this Handbook is a non-science subject.

The engineering component may require the completion of specific (generally 100-level) science subjects. These subjects are detailed in the requirements of the various engineering courses that follow in the departmental entries.

A science major in computer science is not available to students undertaking the Software Engineering stream in the BE. These students will be required to undertake a major in an alternative science discipline (e.g. mathematics and statistics).

Students will not normally be permitted to complete more than 237.5 science points.

Selection of science subjects

Students are normally able to enrol in any subjects earning science credit where they have satisfied the prerequisite and corequisite requirements. These requirements are included in individual subject descriptions. Note that some science subjects are quota-restricted as the demand for the subject exceeds the number of places available. Selection into quota subjects is based on academic merit. Refer to the Faculty of Science section Quota subjects

Students who commenced prior to 1999

Students who first enrolled in the combined engineering/science course before 1999 must complete the requirements set out above with the exception that they do not need to complete a prescribed science major, but rather 50 points at 300-level made up of science subjects of their choice.

Subject Options:

THERE WILL BE NO FIRST YEAR ENTRY INTO THIS COURSE FROM 2008

THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE-ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008

Note: Students who commenced 2nd year in 2008 who have not completed, (or who have failed), the second year subjects required in the Bachelor of Engineering degree please see a course adviser.

4th Year - Semester 1

Subject	Study Period Commencement:	Credit Points:
ENGM40001 Management for Engineers 3	Semester 1	12.50
CVEN90014 Hydrological Processes 2	Semester 1	12.50
CVEN90012 Hydrological Processes 1	Semester 1	12.50

plus Science subject as required (12.5 points)

4th Year - Semester 2

Subject	Study Period Commencement:	Credit Points:
CVEN40009 Integrated Design	Semester 2	12.50
CVEN40017 Analysis & Design-Environmental Systems	Semester 2	12.50
CVEN90020 Research Topic	Semester 1, Semester 2	12.50

plus Science subject as required (12.5 points)

Fifth Year

Subject	Study Period Commencement:	Credit Points:
GEOG20003 Environmental Politics and Management	Semester 2	12.50

	plus Science subjects as required (75 points) plus Engineering subject as required (12.5 points)
Entry Requirements:	There is no further entry into this combined 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:	Of completion of a Bachelor of Engineering, students may choose to apply for candidature in a Masters by research or PhD degree. They may also apply to undertake a one year Advanced Masters coursework degree.
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
Generic Skills:	-