

957-EE Bachelor of Engineering (Electrical) and Bachelor of Arts

Year and Campus:	2008
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Undergraduate
Duration & Credit Points:	
Contact:	-
Course Overview:	<p>The combined BA/BE(IT) and BA/BE course in engineering (computer, electrical or software engineering) and arts, must satisfy the following requirements:</p> <ul style="list-style-type: none"> # All requirements of the chosen stream of the BE(IT) or BE course must be satisfied, except that the requirement for physics is waived. For the software engineering stream the requirement for 431-202 Engineering Analysis B is also waived. However, students in the computer and electrical streams are strongly encouraged to complete 640-142 Physics B as an additional elective, as a number of the 300-level and 400-level elective subjects in electrical engineering require physics as a prerequisite. Students must complete a total of 300 engineering points. The remaining elective subjects to make up 400 points for the award of the engineering degree, including the non-technical requirements of the computer and electrical engineering streams, are credited from the arts subjects undertaken. # A total of 200 arts points must be completed, comprised of 50 points of 100-level arts subjects, 75 points of 200-level arts subjects, and 75 points of 300-level arts subjects. <p>Students are required to complete a total of 500 points in Bachelor of Engineering (Electrical)/ Bachelor of Arts degree.</p> <p>Typical course plans for the three engineering streams of this combined degree appear below.</p>
Objectives:	-
Subject Options:	<p>Arts Requirements:</p> <p>All students in the Bachelor of Arts and Bachelor of Engineering (Electrical) are required to complete 200 points of Arts subjects of which;</p> <ul style="list-style-type: none"> * 50 points must be taken at first year level; * 75 points must be taken at second year level and; * 75 points must be taken at third year level. <p>In addition it is expected students should complete a major in the Arts component of their degree.</p> <p>All Arts subjects undertaken must be from the following arts-approved study areas (see the individual area of study entry for full details):</p> <ul style="list-style-type: none"> * all language subjects * American studies * Ancient, Medieval and Early Modern Studies (some non-arts approved subjects included) * Anthropology * Art History * Asian Studies (some non-arts approved subjects included) * Australian Indigenous Studies (some non-arts approved subjects included) * Australian Studies * Cinema Studies * Classical studies and Archaeology * Communication Skills * Computer Applications in the Social Sciences and Humanities * Creative Writing * Criminology * Cultural Studies * Development Studies (some non-art approved subjects included) * English Literary Studies * English as a Second Language * English Language Studies * Environmental Studies (some non-arts approved subjects included) * European Studies * Gender Studies * Geography * Hebrew and Jewish Studies

- * History
- * History and Philosophy of Science
- * International Studies
- * Islamic Studies
- * Linguistics and Applied Linguistics
- * Philosophy
- * Planning and Design
- * Political Science
- * Psychology
- * Social Theory
- * Socio-legal Studies

THERE WILL BE NO FIRST YEAR ENTRY INTO THIS DEGREE IN 2008

Note: Students who commenced 1st year in 2007 who have not completed, (or who have failed), the first year subjects required in the Bachelor of Engineering degree please see a course advisor.

Second year

Semester 1

431-102 Digital Systems 1: Fundamentals 12.5

Subjects from other degree as required 37.5

Semester 2

433-152 Algorithmic Problem Solving (Advanced) 12.5

or

433-172 Algorithmic Problem Solving 12.5

Subjects from other degree as required 37.5

Third year

Semester 1

431-201 Engineering Analysis A 12.5

431-204 Digital Systems 2: System Design 12.5

431-210 Electrical Circuits 2 12.5

Subject from other degree as required 12.5

Semester 2

431-202 Engineering Analysis B 12.5

431-222 Electronic Circuit Design 1 12.5

431-221 Fundamentals of Signals and Systems 12.5

Subject from other degree as required 12.5

Fourth year

Semester 1

431-325 Stochastic Signals and Systems 12.5

Electrical engineering 300-level electives 25

Subject from other degree as required 12.5

Semester 2

431-327 Communication Systems 12.5

431-330 Design Laboratory 12.5

Electrical engineering 300-level elective 12.5

Subject from other degree as required 12.5

Fifth year

Year-long

431-400 Project Work 25

Semester 1

Electrical engineering 400-level electives 25

Subjects from other degree as required 12.5

Semester 2

Electrical engineering 400-level electives 25

Subjects from other degree as required 12.5

Entry Requirements:	-
Core Participation Requirements:	-
Further Study:	-