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## Bachelor of Engineering

*These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2000 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.*

### Course resolutions

#### 1 Course codes

Code	Course title
HH000	Bachelor of Engineering

#### 2 Attendance pattern

The attendance pattern for this course is full time only.

#### 3 Streams

- (1) The Bachelor of Engineering is available in the following streams:
  - (a) *School of Aerospace, Mechanical and Mechatronic Engineering*
    - (i) Aeronautical Engineering
    - (ii) Aeronautical Engineering (Space)
    - (iii) Mechanical Engineering
    - (iv) Mechanical Engineering (Biomedical)
    - (v) Mechanical Engineering (Space)
    - (vi) Mechatronic Engineering
    - (vii) Mechatronic Engineering (Space)
  - (b) *School of Chemical and Biomolecular Engineering*
    - (i) Chemical and Biomolecular Engineering
  - (c) *School of Civil Engineering*
    - (i) Civil Engineering
    - (ii) Civil Engineering (Construction Management)
    - (iii) Civil Engineering (Environmental)
    - (iv) Civil Engineering (Geotechnical)
    - (v) Civil Engineering (Structures)
    - (vi) Project Engineering and Management (Civil)
  - (d) *School of Electrical and Information Engineering*
    - (i) Electrical Engineering
    - (ii) Electrical Engineering (Bioelectronics)
    - (iii) Electrical Engineering (Computer)
    - (iv) Electrical Engineering (Power)
    - (v) Electrical Engineering (Telecommunications)
    - (vi) Software Engineering
- (2) Completion of a stream is a requirement of the course.

#### 4 Admission to candidature

- (1) Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and for Aboriginal and Torres Strait Islander people. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.
- (2) In addition, applicants who have completed the requirements of a Bachelor of Science or equivalent qualification, with a minimum WAM of 50, may apply for admission to the Bachelor of Engineering.

#### 5 Requirements for award

- (1) The units of study that may be taken for the course are set out in the Bachelor of Engineering Flexible First Year table of units of study, and the tables of units of study for the specialised stream in the degree.
- (2) To qualify for the award of the pass degree, a candidate must successfully complete 192 credit points, comprising:
  - (a) core and elective units of study relating to the specialist stream, as prescribed by the table of units of study for the stream; and



- (b) any additional free electives units of study as may be necessary to gain credit to complete the award.

## 6 Requirements for the Honours degree

- (1) Honours is available to meritorious candidates who complete an alternative set of units of study in the final year of the program. Admission to the honours program is by permission of the program coordinator after the completion of third year. Admission to the honours program is by permission of the program coordinator after the completion of the necessary pre-requisites of the Honours Thesis and any other applicable progression requirements. Admission requires an ISWAM of at least 65.
- (2) To qualify for the award of the honours degree a candidate must complete the requirements for the pass degree and the following additional requirements:
  - (a) any additional Honours units as shown in the table of units for the degree specialisation;
  - (b) achieve a minimum Honours Weighted Average Mark (HWAM) of 65; and
  - (c) complete the requirements within a time limit of 5 years for a single Bachelor of Engineering degree or complete the requirements within a time limit of 6 years for a combined Engineering degree.
- (3) The grade of honours will be determined by the HWAM.
- (4) In exceptional circumstances the head of the relevant school may recommend to the Dean that the conditions for the award of honours be varied.

## 7 Award of the degree

- (1) The Bachelor of Engineering is awarded in the grades of either Pass or Honours. The Bachelor of Engineering honours degree is awarded in classes ranging from First Class to Second Class, Division Two. The various classes of honours are awarded on the basis of a candidate's HWAM.

Description	HWAM Range
Honours Class I	75 <= HWAM
Honours Class II (Division 1)	70 <= HWAM < 75
Honours Class II (Division 2)	65 <= HWAM < 70
Honours not awarded	HWAM < 65

- (2) A candidate who does not meet the requirements for the award of honours, but who has otherwise satisfied the requirements of the Bachelor of Engineering shall graduate with the pass degree.

## 8 University Medal

A student with an HWAM of 85 or above and who meets the criteria for Honours may be awarded a university medal. The medal is awarded at the discretion of the Faculty to the highest achieving student in each stream who in the opinion of the Faculty has an outstanding academic record, in accordance with the Coursework Rule.

## 9 Transitional provisions

- (1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.
- (2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement.