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Bachelor of Engineering and Bachelor of Science

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
HH015	Bachelor of Engineering and Bachelor of Science

2 Attendance pattern

The attendance pattern for this course is full time only.

3 Streams

- (1) Streams available for the Bachelor of Engineering are listed in the course resolution for the Bachelor of Engineering. Completion of a stream is a requirement of the Bachelor of Engineering.
- (2) The Bachelor of Science degree is available in the following streams:
 - (a) Advanced
 - (b) Advanced Mathematics.
- (3) Completion of a stream is not a requirement of the Bachelor of Science. Candidates wishing to transfer between streams should contact the Faculty student office.

4 Cross faculty management

- (1) Candidates in this combined degree program will be under the general supervision of the Faculty of Engineering and Information Technologies for the duration of the combined program.
- (2) The Deans of the Faculty of Engineering and Information Technologies and the Faculty of Science shall jointly exercise authority in any matter concerned with the combined course not otherwise dealt with in these resolutions.

5 Admission to candidature

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.

6 Requirements for award

- (1) The units of study that may be taken for the Bachelor of Engineering are set out in the tables of units of study for the specialised streams from the Faculty of Engineering and Information Technologies.
- (2) The units of study that may be taken for the Bachelor of Science are listed in Table 1 from the Faculty of Science.
- (3) To qualify for the award of the combined degree, a candidate must successfully complete 240 credit points, comprising:
 - (a) a minimum of 144 credit points of units of study prescribed for the Bachelor of Engineering stream the candidate is pursuing; and
 - (b) 96 credit points of Science units of study, including one major in a Science subject area.
- (4) Candidates completing the Bachelor of Science in the Advanced or the Advanced Mathematics stream must include as part of the above requirements:
 - (a) a minimum of 54 credit points of intermediate or senior Science units of study, of which at least 36 credit points shall be completed at either the Advanced level or as Talented Student Program (TSP) units of study; and
 - (b) a minimum of 24 credit points of senior Science units of study at either the Advanced level or as TSP units in a single Science subject area.

7 Majors

Completion of a major is a requirement of the Bachelor of Science component of the combined degree. The list of majors available in the Bachelor of Science is specified in the course resolutions for the Bachelor of Science.



8 Progression rules

- (1) Candidates enrolled in the Bachelor of Science (Advanced) or Bachelor of Science (Advanced Mathematics) are required to maintain a minimum average mark of 65 in all intermediate and senior units of study in Science subject areas in each year of enrolment. Failure to maintain the required average will result in candidates being transferred to the Bachelor of Science in their next year of enrolment with full credit for the units of study completed.
- (2) Candidates enrolled in the Bachelor of Science (Advanced) or Bachelor of Science (Advanced Mathematics) who fail to achieve an average mark of 65 across all Science units of study attempted in their final year but have otherwise completed all the requirements of the degree will be awarded the Bachelor of Science.
- (3) General progression rules for the combined degree are covered by the resolutions of the Faculty of Engineering and Information Technologies.

9 Requirements for the Honours degree

- (1) Honours is available to meritorious candidates, in either or both the Bachelor of Engineering or Bachelor of Science. Honours requires the completion of an alternative set of units in the final year of the Bachelor of Engineering degree and of one additional full time year of study for the Bachelor of Science degree. The Science honours course may be undertaken part time over two years if the Faculty of Science is satisfied the candidate cannot undertake honours full time.
- (2) Admission and award requirements for honours in the Bachelor of Engineering are listed in the resolution for the Bachelor of Engineering degree. Admission and award requirements for honours in the Bachelor of Science are listed in the resolutions of the Faculty of Science.

10 Award of the degree

- (1) Candidates will be awarded a separate testamur for each degree completed.
- (2) The Bachelor of Engineering and the Bachelor of Science are 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, and the Bachelor of Science honours degree is awarded in classes ranging from First Class to Third Class, according to the rules specified in the Resolutions of the Bachelor of Engineering and the Faculty of Science.
- (3) Candidates who do not meet the requirements for the award of the Bachelor of Engineering (Honours) but who have otherwise satisfied the requirements of the Bachelor of Engineering shall graduate with the pass degree.
- (4) Candidates for the award of the Bachelor of Science (Honours) who do not meet the requirements, and who have not already graduated, will be awarded the pass degree.

11 Course transfer

A candidate may abandon the combined program and elect to complete the either the Bachelor of Engineering or the Bachelor of Science in accordance with the resolutions governing that degree. Completion of the abandoned degree in the future will require a new application for admission to that course and completion in accordance with the resolutions governing that degree.

12 Transitional provisions

- (1) These resolutions apply to persons who commenced their candidature after 1 January, 2011 and persons 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.