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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.

Double degree course resolutions

1 Course codes

Code	Course title
HH000	Bachelor of Engineering
LH000	Bachelor of Science

2 Admission to candidature for the Bachelor of Science after partial completion of the Bachelor of Engineering

- (1) A student, at the end of second or third year of candidature for the Bachelor of Engineering, may be admitted to candidature for the Bachelor of Science, to complete the Bachelor of Science degree, if:
 - (a) all units of study attempted in the Bachelor of Engineering degree to date have been completed with a grade of pass or better;
 - (b) at least 96 credit points from units of study in the Bachelor of Engineering degree have been completed, of which no more than 12 credit points are from units of study with the grade of pass (concessional);
 - (c) the candidate is qualified to enrol in a major in a Science area;
 - (d) for admission to the advanced streams, the candidate satisfies the relevant requirements in the course resolution for the Bachelor of Science degree.
- (2) After completion of the Bachelor of Science, the candidate will return to complete the Bachelor of Engineering according to the resolutions for that degree.

3 Attendance pattern

The attendance pattern for the Bachelor of Science is full time over one year, or part time over two years, according to candidate choice.

4 Streams

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

5 Cross faculty management

- (1) Candidates in this double degree program will be under the supervision of the Faculty of Engineering and Information Technologies for the period of Bachelor of Engineering degree enrolment, and under the supervision of the Faculty of Science for the Bachelor of Science enrolment.
- (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.

6 Requirements for award

- (1) The units of study that may be taken for the Bachelor of Engineering are set out in the Flexible First Year table of units of study, and 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. The Dean of the Faculty of Science may permit a candidate of exceptional merit who is admitted to the Talented Student Program (TSP) to undertake a unit or units of study within the Faculty other than those specified in the tables.
- (3) To qualify for the award of the Bachelor of Science in the double degree program, a candidate must successfully complete a total of 48 credit points, including:
 - (a) a minimum of 42 credit points of intermediate/senior units of study in Science subject areas; and
 - (b) a major in a Science area.
- (4) Candidates completing the Bachelor of Science in the Advanced stream must include as part of the above requirements:
 - (a) a minimum of 24 credit points of senior Science units of study at the Advanced level or as TSP units in a single Science subject area.



- (5) Candidates completing the Bachelor of Science in the Advanced Mathematics stream must include as part of the above requirements:
- (a) a major in Mathematics, Statistics or Financial Mathematics and Statistics;
 - (b) a minimum of 12 credit points of intermediate units of study at either the advanced level or as TSP units in the Science subject areas of Mathematics and Statistics;
 - (c) a minimum of 24 credit points of senior Science units of study at the Advanced level or as TSP units in the Science subject areas of Mathematics and Statistics.

7 Majors

Completion of a major is a requirement of the Bachelor of Science. 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) The requirements for Bachelor of Science must be completed in one year of full-time study or two years of part-time study. Candidates who complete at least 42 but less than 48 credit points in the prescribed time limits may, in the following year of enrolment in the Bachelor of Engineering, complete the remaining credit points to satisfy the requirements of the Bachelor of Science. Candidates who complete less than 42 credit points will resume their candidature in the Bachelor of Engineering in the following semester of enrolment.
- (2) 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. Failure to maintain the required average will result in candidates being transferred to 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 in the Bachelor of Science is available to meritorious candidates who complete an additional year of full time study, after the completion of the pass degree. Part time study over two years may be permitted if the Faculty is satisfied the candidate cannot undertake honours full time. Admission, requirements and award of honours are according to the Resolutions of the Faculty of Science.
- (2) Candidates for the Bachelor of Science (Honours) must suspend their candidature in the Bachelor of Engineering. On completion of the requirements of the Bachelor of Science (Honours) degree, candidates will be eligible to resume their enrolment toward the Bachelor of Engineering degree according the Faculty of Engineering and Information Technologies course resolutions for the degree. Alternatively, honours in the Bachelor of Science may be undertaken after successful completion of both the Bachelor of Science and Bachelor of Engineering degrees.
- (3) Admission and award requirements for honours in the Bachelor of Engineering are listed in the resolution for the Bachelor of Engineering degree.

10 Award of the degree

- (1) Candidates will be awarded a separate testamur for the Bachelor of Science and the Bachelor of Engineering.
- (2) The Bachelor of Science is awarded with the grade Pass or Honours. The honours degree is awarded in classes ranging from First Class to Third Class, according to the rules specified in the Resolutions of the Faculty of Science.
- (3) 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

Candidates may abandon the Bachelor of Science degree at any stage and resume their enrolment in the Bachelor of Engineering. Completion of the Bachelor of Science 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.