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Master of Professional 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 |
|-------|------------------------------------|
| HC052 | Master of Professional Engineering |

2 Attendance pattern

The attendance pattern for this course is full time or part time according to candidate choice.

3 Master's type

This master's degree is a professional master's course, as defined in the Coursework Rule.

4 Streams

- (1) The Master of Professional Engineering is available in the following streams:
 - (a) Aerospace Engineering
 - (b) Biomedical Engineering
 - (c) Chemical and Biomolecular Engineering
 - (d) Civil Engineering
 - (e) Electrical Engineering
 - (f) Environmental Fluids
 - (g) Geotechnical Engineering
 - (h) Mechanical Engineering
 - (i) Network Engineering
 - (j) Power Engineering
 - (k) Software Engineering
 - (l) Structural Engineering
 - (m) Wireless Engineering
- (2) Completion of a stream is a requirement of the course. Candidates wishing to transfer between streams should contact the Faculty student office.

5 Admission to candidature

- (1) Available places will be offered to qualified applicants in the order in which complete applications are received, according to the following admissions criteria.
- (2) Admission to candidature requires:
 - (a) a Bachelor of Engineering from the University of Sydney, or equivalent qualification, with a minimum credit average; or
 - (b) a non-engineering bachelor's degree with a minimum credit average, with studies equivalent to 48 credit points in mathematics, physics, chemistry, biology, geology, computing or statistics, as related to the stream sought for admission.
- (3) All candidates for admission must have prior learning equivalent to 96 credit points in total, which, in the estimation of the Dean, is comparable to the requirements for the first two years of a Bachelor of Engineering at this University in the stream sought for admission. Refer to the admission requirement tables in the handbook for a guide to acceptable prior learning units of study.
- (4) Applicants, who require additional studies to satisfy the above entry requirements, may be granted conditional admission to the Master of Professional Engineering subject to completion of the Graduate Certificate in Engineering or the Graduate Diploma in Engineering with a credit average.
- (5) In exceptional circumstances the Dean may admit applicants without these qualifications who, in the opinion of the faculty, have qualifications and evidence of experience and achievement sufficient to successfully undertake the award.

6 Requirements for award

- (1) The units of study that may be taken for the course are set out in the tables of units of study: Master of Professional Engineering.
- (2) To qualify for the award of the Master of Professional Engineering a candidate must complete 96 credit points, including core and elective units of study as listed in the table of units of study for each stream.



7 Credit for previous study

- (1) Candidates transferring from the Master of Engineering to the Master of Professional Engineering may transfer up to 24 credit points provided units are equivalent to units of study offered in the Master of Professional Engineering. Any additional credit is subject to the approval by the Director of the Faculty of Engineering and Information Technologies School of Graduate Studies.
- (2) A maximum of 36 credit points may be granted towards the Master of Professional Engineering from external postgraduate studies where no award has been, or will be made, provided the studies are acceptable to the Program Director and are equivalent to units of study offer in the Master of Professional Engineering.
- (3) Candidates enrolled in the Graduate Certificate or Graduate Diploma of Engineering (Professional Engineering) in conjunction with the Master of Professional Engineering may be granted credit up to 18 credit points from prior learning.
- (4) Candidates who have completed units of study in the Master of Professional Engineering are not able to automatically transfer credit to a Master of Engineering program. Credit for any applicable units of study will be determined by the Director of the Faculty of Engineering and Information Technologies School of Graduate Studies.

8 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.