

Master of Applied Science

1 General

This document must be read in conjunction with:

- a the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.18) *and*
- b the Research Student Handbook, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Research Student Handbook.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

- 2.1 In addition to General Academic Program Rule 4.1 on Admission, applicants for admission to candidature for the Master of Applied Science must hold:

- a an Honours degree of Bachelor of Science, Applied Science or Agricultural Science *or*
- b a qualification accepted by the Research Education and Development Committee as being equivalent to the Honours degree of Bachelor of Science, Applied Science or Agricultural Science *or*
- c a degree of Bachelor of Science, Applied Science or Agricultural Science or a qualification accepted by the Committee as being equivalent. Candidates admitted under this Rule may not be awarded the degree before the expiration of two years from the date of qualification for candidature and will be required to undertake qualifying work as specified in General Program Rule 5.2.

2.2 Mode of study

Further to General Academic Program Rule 7.1, subject to such conditions as it may determine in each case, the Research Education and Development Committee may permit project work to be undertaken outside the University provided that it can be satisfied:

- a that this will result in mutual academic benefit to the candidate and the candidate's supervising school

- b that there will be adequate contact and interaction between the candidate and the candidate's supervising school *and*
- c that the supervisor's access to any experimental work, the candidate's availability for seminars and other discussions, and the publication of results will not thereby be prejudiced.

2.3 Program of study

In addition to General Academic Program Rule 19.1, a program of study for the Master of Applied Science may contain a combination of coursework and project work. Currently two options are offered.

To qualify for the degree, a candidate shall satisfactorily complete a program of study consisting of one of the following approved options:

- a an all-research work program comprising Supervised Project Work to be completed and the thesis submitted not less than one year full-time equivalent or more than two years full-time equivalent from the date of commencement of candidature *or*
- b a three-quarters research program comprising coursework to the value of 12 units and Supervised Project Work. All coursework is to be completed and the thesis submitted not less than one year full-time equivalent or more than two years full-time equivalent from the date of commencement of candidature.

2.4 Classification of courses

Courses forming part of any coursework component for the degree shall be classified as follows:

Group A: Postgraduate courses

These are courses offered at a postgraduate level either in the Faculty of Engineering, Computer and Mathematical Sciences, in another faculty or school, or at another Institution. These include postgraduate courses in the Faculty of Engineering, Computer and Mathematical Sciences, Honours and approved postgraduate diploma courses in the Faculty of Sciences and postgraduate courses at Flinders University or the University of South Australia.

Group B: Advanced level courses

These are courses in Engineering which have been designated as 'Advanced Level' by the School concerned. They are courses which reach an advanced level of expertise in the course material. Subject to the approval of the Faculty, courses from outside Engineering may also be included in this category.

Group C: Ordinary level courses

These are courses at either Level III or Level IV in the Faculty of Engineering, Computer and Mathematical Sciences which are not designated 'Advanced Level', or courses at Level III in the Faculty of Sciences, or approved final year undergraduate courses from other Faculties or institutions.

2.5 Coursework requirements

- 2.5.1 A candidate seeking to enrol in a program of study with a coursework component shall, after consulting the Head of the school (or nominee) in which the majority of the candidate's work falls, submit the proposed program to the Faculty for approval.
- 2.5.2 The program for a three-quarters research and one-quarter coursework degree may not contain more than a total of 6 units of courses from Groups B and C and may not contain more than 6 units of courses from outside the discipline of Engineering.
- For the purposes of this policy, the discipline of Engineering is deemed to include all Centres and joint ventures of which the discipline, or its constituent schools, is a formal partner.
- 2.5.3 There shall be four classifications of pass in each course for the Master of Applied Science: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass. If a course has a Conceded Pass classification for the purpose of another award, any such course passed with this classification shall not count towards the requirements for the degree of Master of Applied Science.
- 2.5.4 A course shall be eligible to be counted for credit towards the coursework requirements of the degree if:
- a in Groups A and B the grade obtained is at Pass standard (50%) or higher
 - b in Group C the grade obtained is 60% or higher.
- 2.5.5 To satisfy the coursework requirements of the degree, a candidate must obtain a weighted average, taken over the best results in eligible courses which together amount to the required number of units, of at least 55%.
- 2.5.6 Courses which have been presented as part of the requirements for any other award of this University or other institution or courses which in the opinion of the Faculty are substantially similar to such courses, will not be permitted to count for credit towards the coursework requirements of this degree.

2.6 Program of study

The program of study for the Master of Applied Science is the same as for the Master of Engineering Science.