

Graduate Diploma in Applied Statistics

Note: There will be no further intake into this program.

1 Duration of program

Except with the permission of the Faculty, the Graduate Diploma in Applied Statistics shall be completed in a minimum of two semesters or a maximum of eight semesters.

2 Admission

- 2.1 Except as provided for in 2.2 a candidate for admission to the program for the Graduate Diploma shall have qualified for admission to a degree of the University or to a degree of another university accepted for the purpose by the University and have obtained the approval of the Faculty.
- 2.2 Subject to the approval of the Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not hold a degree of a university but has given evidence satisfactory to the Faculty of his fitness to undertake work for the diploma.
- 2.3 Applicants for the Graduate Diploma will be expected to have knowledge of mathematics and statistics equivalent to that which would be obtained by passing Mathematics IA and IB and Statistical Practice 1 as offered by the University of Adelaide.

3 Assessment and examinations

- 3.1 There shall be four classifications of pass in each course for the diploma; Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.
- 3.2 A candidate who fails to pass in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.
- 3.3 A candidate who has twice failed to pass the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed.
- 3.4 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Head of the Discipline of Statistics as adequate, to attend all or part of a final examination (or supplementary examination if remaining enrolled for at least eight teaching weeks of that semester), shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall regularly attend lectures and tutorials, do such written work as may be prescribed, and pass examinations in a selection of courses chosen from the following list, to an aggregate value of at least 18 units, with at most 6 units from Level II.

4.1.1 Level II Statistics courses

STATS 7067 Statistical Practice II	2
STATS 7068 Statistical Modelling	2

4.1.2 Level III Statistics courses

APP MTH 7066 Life Contingencies III	3
STATS 7054 Statistical Modelling III	3
STATS 7056 Biostatistics III	3
STATS 7057 Sampling Theory and Practice III	3
STATS 7058 Time Series III	3
STATS 7059 Mathematical Statistics III	3
STATS 7060 Industrial Statistics III	2

4.1.3 At most, two of the Level III Applied Mathematics courses:

APP MTH 7056 Telecommunications Systems Modelling	3
APP MTH 7065 Applied Probability III	3
APP MTH 7072 Optimisation	3

4.1.4 Statistics courses listed in 5.3.1 for the degree of Master of Mathematical Sciences.

4.1.5 Other Statistics courses which may be offered from time to time by the School of Mathematical Sciences and the Biometry Section (Waite Campus) of the University of Adelaide.

4.1.6 Compulsory project

STATS 7064 Statistics Diploma Project	6
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In addition to the course work each student will be expected to complete a project chosen in consultation with and supervised by a supervisor from the Discipline of Statistics.

4.2 On the recommendation of the Head of the Discipline of Statistics the Faculty may exempt a candidate from the need to satisfy the prerequisites prescribed for the course.

4.3 **Unacceptable combinations of courses**

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 **Graduation**

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.