

# Graduate Certificate in Biostatistics

These Program Rules should be read in conjunction with the University's policies (<http://www.adelaide.edu.au/policies>).

## 1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or the equivalent of part-time study.

## 2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certificate in Biostatistics shall have qualified for a degree in a relevant field of the University or a degree in a relevant field of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

### 2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Head of the Discipline of Public Health, no candidate will be granted status for the core course in the Graduate Certificate.

2.3.2 No candidate shall be granted status for any elective course.

2.3.3 All courses offered within the Master of Biostatistics are developed by the Biostatistics Collaboration of Australia (BCA). Consequently, a candidate at the University of Adelaide will be granted credit and status for the compulsory course "Epidemiology (EPI)" if the candidate has completed this course while previously enrolled at another BCA partner university.

2.3.4 An exemption does not count as a credit towards the Certificate in Biostatistics. If an exemption for a course is granted, an alternative course must be completed, and co/prerequisites adhered to.

2.3.5 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially there from by the Head of Discipline, again complete the required work in the course to the satisfaction of the teaching staff concerned.

### 2.4 Articulation with other awards

2.4.1 Students who complete this academic program are eligible to apply for entry to the Graduate Diploma in Biostatistics, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Biostatistics who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Master of Biostatistics or the Graduate Diploma in Biostatistics who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

## 3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 a A candidate shall not be eligible to sit for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

b For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

## 4 Qualification requirements

### 4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

#### 4.1.1 Core courses

All candidates shall complete the following course, worth 3 units:

BIOSTATS 6000 Epidemiology..... 3

For the Graduate Certificate, only Epidemiology is compulsory, allowing maximum flexibility (within the constraints of other course-specific prerequisites).

#### 4.1.2 Elective courses

All candidates shall complete elective courses to the value of 9 units selected from the following, each worth 3 units:

BIOSTATS 6001 Mathematical Background for Biostatistics .....	3
BIOSTATS 6002 Data Management and Statistical Computing .....	3
BIOSTATS 6003 Probability and Distribution Theory .....	3
BIOSTATS 6004 Design of Randomised Controlled Trials .....	3
BIOSTATS 6005 Principles of Statistical Inference .....	3
BIOSTATS 6006 Linear Models .....	3
BIOSTATS 6007 Categorical Data and Generalised Linear Models .....	3
BIOSTATS 6008 Survival Analysis .....	3
BIOSTATS 6011 Bioinformatics.....	3
BIOSTATS 6012 Longitudinal and Correlated Data .....	3
BIOSTATS 6013 Advanced Clinical Trials .....	3
BIOSTATS 6014 Bayesian Statistical Methods .....	3
BIOSTATS 6015 Health Indicators and Health Surveys.....	3
BIOSTATS 6016 Clinical Biostatistics .....	3

Note: Workplace Project Portfolio (WPP) may not be undertaken in this award.

4.2 Candidates who wish to enrol in a course for which they do not have the necessary preliminary knowledge or approved qualifications may be required to undertake such bridging studies prior to the commencement of the course as may be deemed appropriate by the Head of the Discipline of Public Health.

#### 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.