Faculty of Health and Medical Sciences
2020 Study Plan
Graduate Certificate in Biostatistics

Graduate Certificate (12 units)

<table>
<thead>
<tr>
<th>SI or S2</th>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
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<td>BIOSTATS 6000/6000EX</td>
<td>Epidemiology</td>
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Elective Courses

Courses to the value of up to 9 units (three courses) may be taken from the following:

**Semester 1 or 2**

- **BIOSTATS 6001EX** Mathematical Background for Biostatistics
- **BIOSTATS 6002EX** Data Management and Statistical Computing
- **BIOSTATS 6003EX** Probability and Distribution Theory
  - Pre-requisite: BIOSTATS 6001EX
- **BIOSTATS 6005EX** Principles of Statistical Inference
  - Pre-requisite: BIOSTATS 6001EX / BIOSTATS 6003EX
- **BIOSTATS 6006EX** Linear Models
  - Pre-requisite: BIOSTATS 6000EX / BIOSTATS 6001EX / BIOSTATS 6003EX
  - Co-requisite: BIOSTATS 6005EX

**Semester 1 only**

- **BIOSTATS 6008EX** Survival Analysis
  - Pre-requisite: BIOSTATS 6000EX / BIOSTATS 6001EX / BIOSTATS 6003EX / BIOSTATS 6005EX / BIOSTATS 6006EX
- **BIOSTATS 6012EX** Longitudinal & Correlated Data
  - Pre-requisite: BIOSTATS 6000EX / BIOSTATS 6001EX / BIOSTATS 6003EX / BIOSTATS 6005EX / BIOSTATS 6006EX / BIOSTATS 6007EX
- **BIOSTATS 6015EX** Health Indicators & Health Surveys
  - Co-requisite: BIOSTATS 6001EX

**Semester 2 only**

- **BIOSTATS 6004EX** Design of Randomised Controlled Trials
  - Pre-requisite: BIOSTATS 6000EX / BIOSTATS 6001EX
- **BIOSTATS 6007EX** Categorical Data & Generalised Linear Models
  - Pre-requisite: BIOSTATS 6000EX / BIOSTATS 6001EX / BIOSTATS 6003EX / BIOSTATS 6005EX
  - Co-requisite: BIOSTATS 6006EX
- **BIOSTATS 6014EX** Bayesian Statistical Methods
  - Note: Offered in even years only
  - Pre-requisite: BIOSTATS 6000EX / BIOSTATS 6001EX / BIOSTATS 6003EX / BIOSTATS 6005EX / BIOSTATS 6006EX / BIOSTATS 6007EX
  - BIOSTATS 6017EX Machine Learning for Biostatistics
    - Pre-requisite: BIOSTATS 6006EX or PUB HLTH 3010 or equivalent
    - BIOSTATS 6018EX Causal Inference
      - BIOSTATS 6001EX, BIOSTATS 6003EX, BIOSTATS 6006EX or PUB HLTH 3010 or equivalent

**CORE courses for Graduate Diploma in Biostatistics**

(Please refer to Graduate Diploma in Biostatistics study plan)

Degree Information

- Students must ensure they are correctly enrolled in accordance with Academic Program Rules: [http://calendar.adelaide.edu.au/](http://calendar.adelaide.edu.au/)
- This program is offered in conjunction with the Biostatistics Collaboration of Australia (BCA). The program is delivered largely through distance mode. Although students will enrol at the University of Adelaide some courses will be delivered by partner Universities within the BCA

Further Information & Enrolment Advice

Faculty of Health and Medical Sciences
Dr Amy Salter, Senior Lecturer
amy.salter@adelaide.edu.au

Under the University’s Student Charter, it is the student’s responsibility to enrol correctly in accordance with the University’s program requirements, course prerequisites and University procedures, and ensure that your enrolment will enable you to graduate in your chosen program. If this study plan is unclear or contains an error, it is recommended you seek confirmation and advice from the Faculty of Health and Medical Sciences at the earliest opportunity.