



THE UNIVERSITY OF
SYDNEY

Master of Biostatistics

Graduate Diploma in Biostatistics

Graduate Certificate in Biostatistics

The biostatistics programs are designed to provide advanced biostatistical training for a diverse range of students. If you are interested in enrolling in a biostatistics coursework program in the Sydney School of Public Health, the main thing is that you should have an aptitude for advanced mathematics, and a desire to learn biostatistics.

To be eligible to do one of the courses you must:

1. have a Bachelor degree in statistics, mathematics, science, psychology, medicine, pharmacy, economics, health sciences or other appropriate discipline from an approved university (or equivalent qualification)

State here how you meet this criterion. Please upload with your application the transcript of your relevant degree(s) unless it was from The University of Sydney.

2. have a proven aptitude for advanced mathematical work, indicated for example by a high level of achievement in high school or undergraduate mathematics (NOT statistics)

State here how you meet this criterion and upload any additional evidence, e.g. high school mathematics results, with your application:



BCA forms

1. BCA Student Contact & Confidentiality
2. BCA Choice of Units of Study
3. BCA Exemptions and Credits Claimed

The BCA is a national postgraduate program run by a consortium of universities. See [here](#) for a brief outline of how this works.

These forms are for BCA use only. They do NOT constitute enrolment in units or courses. Enrolment must be completed at The University of Sydney.

It is essential that you complete these forms as part of your application to study for the Graduate Certificate, Graduate Diploma or Master of Biostatistics, or any individual non-award biostatistics (BSTA) units.

Please complete and sign the *Student Contact* (page 3) and *Choice of Units of Study* form (page 4) and, where required, the *Waivers and Credits Claimed* form (page 5) and send as part of your application on Sydney Student.

Student enquiries: ssph.education-support@sydney.edu.au or (02) 9351 5994

After approval of your unit of study selections, both forms will be forwarded to the BCA Coordinating Office.

To assist in the coordination of this national program, the BCA needs to collect your contact details. All information provided on this release form will be treated as private and confidential. Access will only be given to teaching staff and your unit of study (subject) coordinators, who will use the information to contact you during the semester and to forward your study materials. Unit coordinators may make available marks for particular units to other BCA coordinators.

Please note: During your candidature, changes to your personal details should be registered at **both** The University of Sydney **and** the BCA Office.

- To advise The University of Sydney of any change to your contact details, please go to [current students](#) and update personal details in Sydney Student.
- To advise the BCA of any change to your contact details, please send this information via email to bca@sydney.edu.au.

Please direct queries about the use of this information or the national coordination of the BCA program to: Biostatistics Collaboration of Australia at 02 8627 5033 / bca@sydney.edu.au

Graduate Certificate, Graduate Diploma and Master of Biostatistics
BCA STUDENT CONTACT & CONFIDENTIALITY FORM

| | | | |
|---|----------------------|--|---|
| Title: | First name/s: | Family name: | Commonly used first name (e.g. Chris): |
| Male Female | | Date of birth (dd/mm/yyyy) : / / <small>(DOB is needed for online learning access clearance)</small> | |
| Postal address: (for mailing materials) | | | |
| <div style="text-align: right;"> State: Postcode: Country: </div> | | | |
| This is my home address | | This is my work address | |
| I am an Australian citizen or permanent resident | | I am an international student | |
| Email: | | | |
| Mobile phone: | | Home/business phone: | |
| I am enrolled or about to enrol in: <i>(please tick one)</i> <div style="display: flex; justify-content: space-between;"> Master of Biostatistics Graduate Diploma in Biostatistics </div> <div style="display: flex; justify-content: space-between;"> Graduate Certificate in Biostatistics non-award / other: _____ </div> | | | |
| Employer (if applicable) | | I am a NSW Ministry of Health Biostatistics Trainee | |
| My academic background is (undergraduate, or postgraduate where applicable): <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Medical, epidemiological, or other health area Mathematics and/or statistics Social sciences </div> <div style="margin-top: 10px;"> Other - please specify: _____ </div> | | | |

Declaration and Signature

I agree with the university exchanging pertinent information relevant to my enrolment with the BCA Office and BCA staff at other universities as required for the duration of my studies. I understand this includes personal details and contact information, marks, and details of academic plans and special consideration outcomes where necessary:

Student Signature: _____

Date: _____

Graduate Certificate, Graduate Diploma and Master of Biostatistics**BCA CHOICE OF UNITS OF STUDY**

Please tick below to indicate which units of study (subjects) you intend to study this year only.

When choosing your units of study, **please make sure that you have done the prerequisites** for each unit, or have also chosen the necessary co-requisite(s). For a complete list of all units of study available and their pre/co-requisites, see [here](#).

For help selecting units for your program of study, please see our recommended [Study Schedules](#). You may wish to discuss your choices with the Program Coordinator, A/Prof Erin Cvejic – phone: 02 9351 5305.

Email: sph.biostat-coordinator@sydney.edu.au who will need to approve the selections and any waivers or credits.

Please complete the form on page 4 if you wish to request exemption from: EPI, MFB, PSI (or any other compulsory unit).

| Name: | | | Year: | |
|-------|----------------------|----------|--|------------|
| ✓ | University unit code | BCA code | Unit name | Semester |
| | BSTA 5100 | MFB | • Mathematical Foundations for Biostatistics | 1 2 |
| | PUBH 5010 | EPI | ▪ Epidemiology Methods and Uses <input type="checkbox"/> Tick here if you are undertaking EPI via distance | 1 |
| | CEPI 5100 | | • <input type="checkbox"/> Introduction to Clinical Epidemiology | 1 2 |
| | BSTA 5004 | DMC | • Data Management & Statistical Computing | 1 2 |
| | BSTA 5002 | PSI | • Principles of Statistical Inference | 1 2 |
| | BSTA 5210 | RM1 | • Regression Modelling for Biostatistics 1 | 1 2 |
| | BSTA 5211 | RM2 | • Regression Modelling for Biostatistics 2 | 1 2 |
| | BSTA 5006 | DES | ** Design of Randomised Controlled Trials | 2 |
| | BSTA 5003 | HIS | ** Health Indicators and Health Surveys | 1 |
| | BSTA 5005 | CLB | ** Clinical Biostatistics | 1 |
| | BSTA 5012 | LCD | ** Longitudinal and Correlated Data | 1 2 |
| | BSTA 5017 | CSI | ** Causal Inference | 1 |
| | BSTA 5018 | MLB | ** Machine Learning for Biostatistics | 2 |
| | BSTA 5014 | BAY | ** Bayesian Statistical Methods | 2 |
| | PUBH 5215 | | ^ ** Analysis of Linked Health Data | July / Aug |
| | | | # General Elective Unit of Study | 1 2 |

- Unit is available in both semesters. Tick box 1 or 2 to indicate choice of semester.
- Students with a (clinical) medicine background may choose to do **CEPI5100 Introduction to Clinical Epidemiology** with permission as their Epidemiology unit of study.
- ** Elective unit. Please take note of any pre-requisites or co-requisites for these units.
- ^ **Analysis of Linked Health Data** is an elective unit delivered as an intensive (in block mode) in July/August.
- # Students may choose to take a General Elective unit of study from a curated list as part of their degree program (maximum of 1 for GDip and 2 for MBiostat). A list of available units can be found [HERE](#).

I intend to apply to study the above units in my first calendar year of study:

Student signature:

Date:

Program coordinator approval:

Coordinator signature:

Date:

Comment (program coordinator):

Graduate Certificate, Graduate Diploma and Master of Biostatistics

BCA Waivers and Credits Claimed

| | |
|---|---|
| <p>*What is a 'Waiver' for?</p> <p>A waiver is for when you have already completed a similar unit of study as part of a previous degree, e.g. if you have already studied epidemiology in a prior degree you could apply for a waiver for EPI. If the waiver is approved, it would mean that you would not need to study EPI, but you would have to complete an alternative unit of study.</p> | <p>#What is a 'Credit' for?</p> <p>A credit is for when you have completed a similar unit of study that has not already been credited towards a prior degree, e.g. if you have studied Data Management & Statistical Computing (DMC) as a non-award unit, or you have mastered the content of DMC as part of your job, you could apply to have it credited towards your Biostatistics award.</p> |
|---|---|

Please talk to the program coordinator or student administrator if you need further information about waivers and credits. Waivers require formal approval from the Associate Dean (Education) and cannot be approved until after enrolment.

| Name: | | | | | Office use only | |
|---------|---------|-----------------------|-----|--|-----------------|---|
| *Waiver | #Credit | Unit code | BCA | Unit name | W | C |
| | | PUBH 5010 / BSTA 5011 | EPI | Epidemiology Methods and Uses | | |
| | | BSTA 5100 | MFB | Mathematical Foundations for Biostatistics | | |
| | | BSTA 5004 | DMC | Data Management & Statistical Computing | | |
| | | BSTA 5002 | PSI | Principles of Statistical Inference | | |
| | | BSTA 5210 | RM1 | Regression Modelling for Biostatistics 1 | | |
| | | BSTA 5211 | RM2 | Regression Modelling for Biostatistics 2 | | |

Reasons for exemption: Please summarise the grounds for your request, e.g. that you have already studied and passed Epidemiology as part of a Master of Public Health, or that you have covered the topics in Principles of Statistical Inference in a third year inference unit during your statistics degree. Please attach any supporting documentation (e.g. transcript and unit of study outlines) if not already supplied with your application for admission.

I intend to apply for the above waivers and/or credits:

Student signature:

Date:

Program coordinator recommendation:

Approve request

Reject request

Coordinator signature:

Date:

Comments (program coordinator):