Overview

Biomedical Engineering is the application of engineering principles to developing technologies and solving problems in a diverse range of health care related fields e.g. implantable bionics, drug delivery systems, medical imaging, radiotherapies, orthopedic devices, telemedicine, robotic surgery, cell and tissue engineering, records management, physical rehabilitation and others.

The MBiomedE degree program is designed to cater for students with either a medical/biological science or engineering/physical science background.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Postgraduate</td>
</tr>
<tr>
<td><strong>Typical duration</strong></td>
<td>1.7 Years</td>
</tr>
<tr>
<td><strong>Delivery Mode</strong></td>
<td>Face-to-face</td>
</tr>
<tr>
<td><strong>Intake Period</strong></td>
<td>Term 1, Term 3</td>
</tr>
<tr>
<td><strong>Academic Calendar</strong></td>
<td>3+ Calendar</td>
</tr>
<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>72</td>
</tr>
<tr>
<td><strong>Award type</strong></td>
<td>Masters (Coursework)</td>
</tr>
<tr>
<td><strong>Award(s)</strong></td>
<td>Master of Biomedical Engineering - MBiomedE</td>
</tr>
<tr>
<td><strong>CRICOS Code</strong></td>
<td>000929F</td>
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</tbody>
</table>
Program Structure

Students must complete 72 UOC as a standalone program.

Candidates must complete a program totalling 72 units of credit, with a minimum 48 units of credit at postgraduate level. Students may take other courses, including undergraduate, to fill in their background knowledge.

Specialisation Requirement

Students must complete at least one of the specialisations below.

SPECIALISATION:

BIOMAS │ 72 UOC
Biomedical Engineering (Single Mode)

BIOMDS │ 72 UOC
Biomedical Engineering (Dual Mode)

Sample Programs

To access sample program(s), please visit:

Biomedical Engineering

Enrolment Disclaimer

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Admission Requirements

Entry Requirements

- A 4-year Bachelor of Engineering degree with a minimum 70% average.*
- A 4-year Bachelors degree in a biomedical health-related discipline** with honours (either embedded or as a single honours year) with a minimum 70% average* and 2 semesters of first-year university level mathematics or equivalent
- A graduate diploma in biomedical engineering (such as UNSW Graduate Diploma 5449 or equivalent) with a minimum 70% average*

* Averages as calculated using the UNSW Postgraduate Coursework Entry Calculator.

** Health-related disciplines including medicine, allied health sciences, biomedical sciences, veterinary sciences.

For more information about admission requirements for various UNSW programs, visit the following website(s):

Domestic Students
International Student
Program Requirements

Progression Requirements

Progression rules are in accordance with university policy.

For more information on university policy on progression requirements please visit Academic Progression.
Pathways

Post Graduate

Doctor of Philosophy - PhD
1710 Biomedical Engineering

Faculty: Faculty of Engineering
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 to 4 Years

Read More

Articulation Arrangements

Other program(s) within articulated suite:

Graduate Diploma - GradDip
5449 Engineering (Biomedical Engineering)

Faculty: Faculty of Engineering
Campus: Kensington
Units of Credit: 48
Typical Duration: 1 Years

Read More
Recognition of Achievement

Award with Excellence

The Award with Excellence is awarded in coursework masters programs, including Masters (Extension) but with the exception of Masters (Extended) such as JD and MD, when a Weighted Average Mean (WAM) of at least 80% has been achieved and at least 50% of the requirements of the award are completed at UNSW. All eligible programs will award 'with Excellence' except in special circumstances where approval of Academic Board has been given for a program to opt out.

For more information, please visit:

Current Students Award with Excellence
Additional Information

Administration

A student's program will be administered by the Graduate School of Biomedical Engineering in the Faculty of Engineering.
Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

- Domestic Students
- Commonwealth Supported Students
- International Students
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179