Biomedical Engineering (Single Mode)

BIOMAS | 72 Units of Credit

Overview

The stream is designed for students who are completing the Masters of Biomedical Engineering program as a single-award program.
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<th><strong>Faculty</strong></th>
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<tr>
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<td>Faculty of Engineering</td>
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<tr>
<th><strong>School</strong></th>
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<tbody>
<tr>
<td></td>
<td>Graduate School of Biomedical Engineering</td>
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<th><strong>Study Level</strong></th>
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<td>Postgraduate</td>
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<tr>
<th><strong>Minimum Units of Credit</strong></th>
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<td>72</td>
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<th><strong>Specialisation Type</strong></th>
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<td>Specialisation</td>
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Available in Program(s)

Program(s) in which this specialisation is available

Master of Biomedical Engineering - MBiomedE
8660 Biomedical Engineering
Faculty: Faculty of Engineering
Campus: Kensington
Units of Credit: 72
Typical Duration: 1.7 Years
Specialisation Structure

Students must complete 72 UOC.

Biomedical Engineering Courses

Students must take at least 48 UOC, up to a maximum of 72 UOC of the following courses.

BIOM9027  |  6 UOC
Medical Imaging

BIOM9311  |  6 UOC
Mass Transfer in Medicine

BIOM9332  |  6 UOC
Biocompatibility

BIOM9333  |  6 UOC
Cellular and Tissue Engineering

BIOM9410  |  6 UOC
Regulatory Requirements of Biomedical Technology

BIOM9420  |  6 UOC
Clinical Laboratory Science

BIOM9450  |  6 UOC
Biomedical and Health Informatics

BIOM9541  |  6 UOC
Mechanics of the Human Body

BIOM9551  |  6 UOC
Biomechanics of Physical Rehabilitation
Students can take up to a maximum of 24 UOC of the following courses with written approval prior to enrolment.

Note: For students with an engineering or physical sciences background ANAT2511 Fundamentals of Anatomy, PHSL2121 Principles of Physiology 1A and PHSL2221 Principles of Physiology 1B are highly recommended.

ANAT2511  |  6 UOC
Fundamentals of Anatomy
any level 9 Engineering course

PHSL2121 | 6 UOC
Principles of Physiology A

PHSL2221 | 6 UOC
Principles of Physiology B

**Project**

Students can take up to a maximum of 12 UOC of the following courses.

BIOM9914 | 12 UOC
Masters Project

**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.
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