Overview

The Master of Philosophy is a research degree with a coursework component taken over four sessions full-time or equivalent. The research component will lead to a thesis which embodies the result of an original investigation, design or engineering development. A program of advanced study comprising 3 courses (18 Units of Credit) makes up the remainder of the program.

For full details of the requirements of a UNSW MPhil, see


To graduate, students must complete the requirements specified in the relevant stream.

Streams in this program require students to complete 1 research methods course, 1 or 2 Advanced Disciplinary Knowledge courses, and up to 1 Disciplinary Knowledge Course, with this possibility subject to the approval of the Program Authority.

For lists of Advanced Disciplinary Knowledge and Disciplinary Knowledge courses, consult the streams in Programs 8338 Master of Engineering Science, 8037 Master of Food Science, and 8543 Master of Information Technology.

This coursework component of the degree must be completed during the first 2 sessions (full-time equivalent) of a student's enrolment in the program.

Entry requires a relevant Bachelor's degree at Honours level or equivalent. Students should have been in contact with a potential supervisor before applying for the program.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Engineering</th>
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<tr>
<td><strong>Study Level</strong></td>
<td>Research</td>
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<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>72</td>
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<tr>
<td><strong>Specialisation Type</strong></td>
<td>Research</td>
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Learning Outcomes

1. Students will be able to analyse complex information objectively and apply methods to solve complex engineering problems in a professional, ethically aware manner.

2. Students will be able to disseminate research results and their implications in professional and public domains.

3. Students will demonstrate substantial advanced knowledge in a discipline area with an awareness of existing knowledge and developments in the field.

4. Students will be able to carry out research with autonomy, integrity and originality that makes a significant contribution to knowledge in their field.

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Available in Program(s)

Program(s) in which this research is available

Master of Philosophy - MPhil
2645 Engineering
Faculty: Faculty of Engineering
Campus: Kensington
Units of Credit: 72
Typical Duration: 1.7 Years
Specialisation Structure

Students must complete 72 UOC.

Core Courses

Students must take 6 UOC of the following courses.

GSOE9400  |  6 UOC
Engineering Postgraduate Research Essentials

Disciplinary & Advanced Disciplinary Courses

For lists of Advanced Disciplinary Knowledge and Disciplinary Knowledge courses, consult the streams in Programs 8338 Master of Engineering Science, 8037 Master of Food Science, and 8543 Master of Information Technology.

Research Component

Students undertake a research component over four semesters of full-time study, or the equivalent. The research component will lead to a thesis which embodies the result of an original investigation, design or engineering development.

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