

About the Course

The Master of Biomedical Science offers graduate students a pathway into a research or other science-based career and/or graduate research (PhD) studies. It is an alternative to the Honours/PhD pathway. Students undertake a research project and discipline-specific coursework subjects.

In addition, a suite of professional business and communications programs are offered to complement and enhance research, and to progress career opportunities. The course provides an understanding of the research process, specialist knowledge and professional skills that are attractive to employers.

Coordinating this course is the School of Biomedical Sciences within the Faculty of Medicine, Dentistry and Health Sciences (MDHS), Australia's largest biomedical research facility.

Students must complete a research project under the supervision of a staff member located in the Faculty of Medicine, Dentistry and Health Sciences (MDHS).

Graduates of this program gain an understanding of the research process, specialist knowledge and professional skills that are attractive to employers.

Designing a customised course

The Master of Biomedical Science is a coursework degree that can be entered at the start of the year or mid-year.

Students must complete 200 credit points comprising:

- Discipline subjects (50 credit points)
- Professional skills subjects (25 credit points)
- Research subject (125 credit points)

Sample Course Plans

Example 1: Three components evenly balanced over two years.

FIRST YEAR		SECOND YEAR	
Semester 1	Semester 2	Semester 1	Semester 2
Project	Project	Project	Project
Project	Project	Project	Project
BIOM40001	Project	DISC Selective	Project
DISC Selective	PS Selective	DISC Selective	PS Selective

Example 2: Early Discipline subject grounding. Project progressively building.

FIRST YEAR		SECOND YEAR	
Semester 1	Semester 2	Semester 1	Semester 2
Project	Project	Project	Project
BIOM40001	Project	Project	Project
DISC Selective	DISC Selective	Project	Project
PS Selective	DISC Selective	PS Selective	Project

Key:

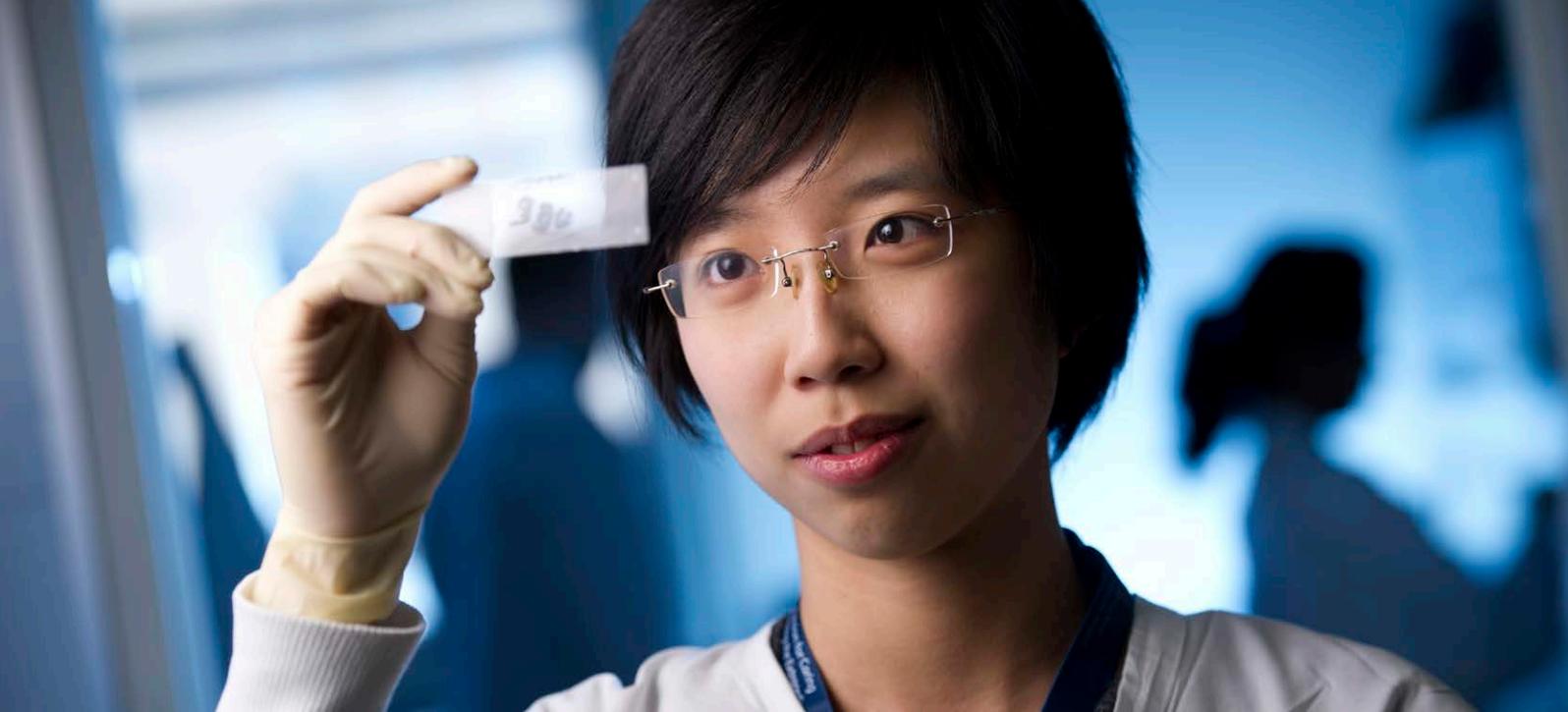
- Research Project: 10 x 12.5 = 125 Points
- Discipline Subjects: 4 x 12.5 = 50 Points
- Professional Skills Subjects: 2 x 12.5 = 25 Points



Testimonial

Gabriel Bernasochi

“The research component of my course allows me to begin the next step in a biomedical research career. The University of Melbourne provides a welcoming and intellectually stimulating working environment.”



Course Structure

Students must complete a research project under the supervision of a staff member located in the Faculty of Medicine, Dentistry and Health Sciences (MDHS). Depending on supervisor and project availability, research can be undertaken in a range of discipline areas based in academic Departments (at various sites as listed) and some affiliated institutes (as indicated) including:

- > Anatomy
- > Biochemistry and Molecular Biology (including the Bio21 Institute)
- > Cell Biology and Cancer (including the Peter Mac Institute)
- > Medicine (Royal Melbourne Hospital / Western Hospital and St Vincent's Hospital)
- > Microbiology and Immunology
- > Neurosciences (including the Florey Institute)
- > Ophthalmology & Otolaryngology (including the Bionics Institute)
- > Paediatrics (including Murdoch Children's Research Institute)
- > Pathology
- > Pharmacology
- > Physiology
- > Psychiatry
- > Radiology
- > Surgery (Austin Hospital, Royal Melbourne Hospital / Western Hospital and St Vincent's Hospital)

Students entering this course are expected to organise an academic supervisor in the relevant academic unit, and select a research project, as part of the application process. The theme and scope of the research project is negotiated between the student and supervisor at the time of application, and a specific supervisor identified in the application. Guidance on how to locate a Supervisor is provided.

Selection Criteria

The Selection Committee will evaluate the applicant's ability to pursue the course successfully using the following criterion:

- > an undergraduate degree with a major in a relevant discipline with a weighted average of at least 65% in the final year major subjects, or equivalent.

Quotas may be applied to the degree as a whole, or to individual disciplines, and preference may be given to applicants with evidence of appropriate preparation or potential to undertake research. Entry is subject to the capacity of a participating department to provide adequate supervision in a research project appropriate to the interests and preparation of the individual student and is subject to the agreement of an academic staff member to supervise the project.

The Selection Committee may conduct interviews and tests and may call for referee reports or employer references to elucidate any of the matters referred to above.

Fees and Bursaries

For further fee details please visit:
<http://go.unimelb.edu.au/3bw>.

Commonwealth supported places are available, which can substantially reduce total course fees for eligible Australian students. In addition, Graduate Access Melbourne is the University's special entry and access scheme for graduate study and provides generous bursaries to eligible applicants.

More information

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