



THE UNIVERSITY OF
MELBOURNE

MASTER OF BIOMEDICAL SCIENCE



How to join the biomedical research evolution...

*Does the science behind what creates, sustains and threatens
people's lives intrigue you?*

A new era of medical research and biomedical learning is here.

The need to understand, treat, and cure disease - including the current and future challenges that will impact on the health from the personal to the global scale - has put the spotlight on the biomedical sciences.

The importance of ground-breaking research and learning with the ultimate aim of advancing human health has never been so important and understood as a priority across the globe.

Course overview

We understand today's career is all about options - with our Masters you choose your Coursework and carry out authentic research with Lab experience.

2 years

full time

4 years

part time

On campus

(Parkville)

**Domestic and
international**

students

Combine

a major research project with a broad range of coursework opportunities, including industry-based subjects

Start-year

intake - February

Mid-year

intake - July

Your research project will see you embedded in either one of our Melbourne Biomedical Precinct partner organisations or Research Labs, where you can take advantage of cutting-edge facilities and career-changing collaborations:



Where are they now...



Meet Taylah

Bachelor of Science (Microbiology and Immunology) > Master of Biomedical Science (Microbiology and Immunology) > PhD at the Peter Doherty Institute for Infection and Immunity

“I am focused on a career in research, specifically genomics, and the Master of Biomedical Science had a large research component. The flexibility of choosing discipline-specific subjects from a range of department provides incredible learning opportunities.”



Meet Erin

Bachelor of Biomedicine (Genetics) > Master of Biomedical Science (Dept of Paediatrics) > PhD Murdoch Children’s Research Institute

“My research project is part of a broad programme of work within the Melbourne Genomics Health Alliance that seeks to investigate how the integration of genomic sequencing into paediatric clinical practice can be best supported.”



Meet Bonnie

Bachelor of Science > Master of Biomedical Science > Program Manager at Translating Research at Melbourne (TRAM).

“My research project gave me hands-on in-depth experience and exposure to academia and how the research world functions. I loved that I could contribute to research in such a real sense, collaborate on projects. I wouldn’t be able to have the job I do now if I didn’t do my Masters.”



Meet Xavier

Bachelor of Science (Anatomy) > Master of Biomedical Science (Neuroscience) > PhD at the Florey Institute of Neuroscience and Mental Health

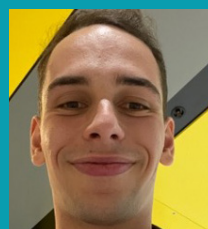
“There was a substantial research component in the Master of Biomedical Science degree, which allowed me to deeply immerse myself in my project, learn and develop a range of lab skills and techniques and contribute to the scientific knowledge in my field.”



Meet Brendan

Bachelor of Science -> Master of Biomedical Science (Physiology) > Senior Business Analyst, Spotify NYC

“When graduating from my undergraduate science degree I never thought I would be living and working in New York less than 5 years later. The scientific skills I developed helped me stand out and thrive when pivoting to a corporate strategy career. My day-to-day is very different, but the skills are highly transferrable and extremely valuable.”



Meet Connor

Bachelor of Science (Neuroscience) -> Master of Biomedical Science (Neuroscience) > Doctor of Medicine

“The degree gave me an excellent mentor who guided me throughout the research component of my degree, but also provided me with fantastic life advice and experience as a doctor-turned-researcher, which was super useful when it came to applying for medicine.”

Learn from global leaders in their field...

Professor Erica Fletcher

“The School of Biomedical Sciences is one of the leading places for neuroscience research and has arguably the largest collection of researchers interested in vision problems in the country, if not world-wide ... it’s a vibrant and exciting place to undertake research.”

Professor Fletcher’s research is working to assist those Australians living with diabetes, who develop diabetic eye disease - almost everyone with type 1 diabetes and more than 60 per cent of those with type 2 diabetes will develop some form of diabetic eye disease within 20 years of diagnosis. Around 1.7 million Australians live with diabetes, and 280 people develop the disease every day.

Professor Alice Pébay

“Ultimately, we are interested in matching the genetic profile of a patient to the best drug for that patient. We need to test how they work in cells relevant to their disease.”

Professor Pebay is head of the stem cell modelling laboratory. She is investigating genetic diseases of the eye, many of which currently have no intervention or cure.

Professor Alastair Stewart

“The happenstance we see in biology is continually amazing.”

Professor Stewart is the Director of the ARC Industry Training Centre for Personalised therapeutics Technologies. He has extensive experience in the emerging field of human-organ-on-a-chip models for drug discovery and development. He has investigated thunderstorm asthma, pulmonary fibrosis and black lung disease.

Learn more

Visit: <https://go.unimelb.edu.au/3pb6>

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Master of Biomedical Science

Tailored for the next generation of biomedical scientists and healthcare professionals

- Be part of one of the fastest growing sectors charged with advancing human health and technology
- Discover data-driven solutions to address complex biomedical research problems
- Customise your research project to fill the gaps in industry and government knowledge
- Expand your network of domestic and international industry figures
- A pathway to your PhD or launchpad for a commercial or industry-based career

With the University of Melbourne Master of Biomedical Science you will be job ready – equipped with technical and data acquisition skills, problem solving and critical thinking capacities.

Contact

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