



THE UNIVERSITY OF
MELBOURNE



GRADUATE PROGRAMS IN HEALTH

FACULTY OF MEDICINE, DENTISTRY
AND HEALTH SCIENCES

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WHY CHOOSE MELBOURNE?

Established in 1853, the University of Melbourne is a public-spirited institution that makes distinctive contributions to society in research, learning and teaching, and engagement.

We are committed to being one of the finest universities in the world, contributing to society in ways that enrich and transform people's lives. Ranked as the number 1 University in Australia and 33 in the world^①, the University of Melbourne offers a uniquely Australian experience helping graduates become well-rounded, thoughtful and skilled professionals capable of making a positive and global impact. Situated in the heart of Australia's second largest city, Melbourne has a fast-growing population of nearly five million. It is an international cultural hub characterised by friendly people, festivals, sporting events, architecture, art, cuisine, an outdoor lifestyle, green spaces and beaches.

THE MELBOURNE BIOMEDICAL PRECINCT

Melbourne has biomedical capabilities unparalleled in Australia and the Melbourne Biomedical Precinct ranks as one of the best facilities of its kind in the world. Located on the edge of the city, the precinct is a hub of innovation, home to an exceptional network of skilled professionals, quality education providers and leading research institutes and hospitals.

The Faculty of Medicine, Dentistry and Health Sciences (MDHS) is proud to be part of the Melbourne Biomedical Precinct that nurtures the next generation of outstanding achievers. We share the Precinct's commitment to pioneering the world's best practices in patient treatment and care, for the benefit of not only Australians, but people everywhere.

KEY FACTS^②

- 49,000+ employees
- 10,000 researchers
- 24.28% share of National Health and Medical Research Council (NHMRC) funding
- 24% of Australia's output in academic journals
- AUD \$3.6 billion contribution to the Australian economy
- CSL Ltd. Australia's largest biotherapeutics company, worth \$45 billion headquartered in Parkville and a global presence in more than 30 countries

Full range of tertiary care: Australia's only cluster with leading hospitals covering all tertiary care for children, women and adults.

^① Times Higher Education World University Rankings 2021

^② Information correct as at 2019.

MESSAGE FROM THE DEAN

Thank you for your interest in the Faculty of Medicine, Dentistry and Health Sciences. I hope that you find something that inspires you to join us as a member of our graduate community. Since 1862 we have trained excellent clinicians and produced high-impact research that makes a real difference to people's lives.

Our primary mission is to support our students as they build meaningful, inspiring and rewarding careers in health. This is reflected in the calibre and depth of graduate programs at the Faculty, spanning basic biomedical sciences through to clinical and epidemiological research.

At 14th place on the Times Higher Education 2022 rankings for clinical, pre-clinical and health disciplines, we attract some of the best and brightest minds in Australia and from overseas. While we appreciate the high esteem that is conferred by such rankings, our focus is on making an impact on the health and wellbeing of society.

Amid the challenges of COVID-19, our great tradition of teaching continues. Our academics have adapted and continue to help students realise their potential, spark their curiosity and embody a commitment to the health of society and its citizens.

Our long history of achievement in tackling society's most important health challenges also continues, and our contributions during the pandemic are a source of great pride for the University. Faculty members have gone above and beyond to try and solve key problems – from gaining a better understanding of the basic science of COVID-19 to gathering robust evidence around non-pharmacological interventions.

Despite an increasingly challenging environment, there has never been a more exciting time to be involved in health and medical research in Australia.

It gives me great pleasure to present the Faculty's graduate offerings to you.

Professor Jane Gunn

Dean, Faculty of Medicine, Dentistry and Health Sciences



CLINICAL PARTNERS

MDHS staff working with our industry partners assist our students in their transition into a career in health and make significant contributions to our teaching and research programs.

Our students also benefit from our longstanding relationships with many of the country's leading health research institutes. These institutes have fostered outstanding scientists and offer extraordinary opportunities for our researchers to assist in finding solutions to the world's great health challenges.



MDHS AT A GLANCE

AUSTRALIA'S LEADING HEALTH AND MEDICAL FACULTY

SCHOOLS

MELBOURNE DENTAL SCHOOL

MELBOURNE MEDICAL SCHOOL

MELBOURNE SCHOOL OF
HEALTH SCIENCES

MELBOURNE SCHOOL OF
POPULATION AND GLOBAL HEALTH

MELBOURNE SCHOOL OF
PSYCHOLOGICAL SCIENCES

SCHOOL OF BIOMEDICAL SCIENCES



EDUCATION



TOTAL STUDENTS: 8300+

UNDERGRADUATE: 2100+

POSTGRADUATE (COURSEWORK): 5000+

HIGHER DEGREE RESEARCH STUDENTS: 2300+

INTERNATIONAL STUDENTS: 1700+
FROM OVER 100 COUNTRIES

130+ COURSES COVERING THE BREADTH OF
HEALTH AND BIOMEDICINE

PROFESSIONAL STAFF: 800+

RESEARCH



ANNUAL RESEARCH INCOME OF MORE
THAN AUD \$385 MILLION

6,000+ PEER-REVIEWED PUBLICATIONS EACH YEAR

OVER 40% OF PUBLICATIONS IN TOP 10%
OF JOURNALS

OVER 20% OF PUBLICATIONS IN TOP 10%
OF WORLD'S MOST CITED

ACADEMIC STAFF: 2000+ INCLUDING 1100+
RESEARCH ACADEMICS

HONORARY ACADEMICS: 4700+ INCLUDING 2000+
HOSPITAL-BASED HONORARY STAFF

OUR RESEARCH STRENGTHS



Cancer



Child Health



Infection
and Immunity



Neurosciences
and mental health



Disease burdens
such as cardiovascular, ageing
and metabolic disease



Community priorities
such as Indigenous Health,
Family Violence

CENTRES

MELBOURNE POCHÉ CENTRE FOR
INDIGENOUS HEALTH

MELBOURNE RESEARCH ALLIANCE TO
END VIOLENCE AGAINST WOMEN

UNIVERSITY OF MELBOURNE CENTRE FOR
CANCER RESEARCH

CENTRE FOR HEALTH, EXERCISE AND SPORTS MEDICINE

CENTRE FOR YOUTH MENTAL HEALTH

CENTRE FOR STEM CELL SYSTEMS

CENTRE FOR HEALTH POLICY

This shows select research centres within the Faculty.
Please visit the MDHS website for more information on all our centres.



#1 AUSTRALIA
#14 GLOBALLY
IN CLINICAL, PRE-CLINICAL
AND HEALTH¹

OUR CONTRIBUTORS

Nobel Laureates in Physiology or Medicine and
Peace have taught, studied and researched at the
University of Melbourne including:

Lord Howard Florey (1945)

Sir Frank Macfarlane Burnet (1960)

Sir John Eccles (1963)

Professor Bert Sakmann (1991)

Professor Peter Doherty (1996)

Professor Elizabeth Blackburn (2009)

Associate Professor Tilman Ruff (2017)



ACHIEVEMENTS

- Discovery of lithium therapy as an effective treatment for bipolar disorder (**Dr John Cade**)
- Development of the bionic ear (**Professor Graeme Clark AC**)
- Development of Recaldent to help prevent and reverse dental decay (**Professor Eric Reynolds AO**)
- Discovery of the human Rota virus and development of a vaccine for infants and young children (**Professor Ruth Bishop AO, Professor Julie Bines**)
- Road trauma injury research leading to life-saving safety control measures (**Professor Donald Hossack**)
- Identification of the first gene implicated in the development of epilepsy (**Professor Ingrid Scheffer**)
- Eye health research and policy recommendations resulting in halving the gap in the rates of blindness in Indigenous communities (**Professor Hugh Taylor AC**)

¹ Times Higher Education World University Rankings 2022.

STUDY SUPPORT AND OPPORTUNITIES

Student wellbeing and support are the pillars for building your success at university.

As a student in MDHS you'll be supported in a range of ways to enhance your University of Melbourne experience and to transition you into your chosen career.

These include:

- pre-clinical placements preparation
- course advice and planning
- graduate study advice
- academic skills
- Buddy Program
- wellbeing and counselling
- career preparation
- enrichment and exchange support.

To find out more visit:

mdhs.unimelb.edu.au/study/current-students

TEACHING CLINICS

We believe that clinical teaching is integral to the future of our health and medical system in developing the next generation of health professionals. In our teaching clinics, you'll develop your skills on real people, while being supervised by fully trained practitioners. This ensures that our graduates have the confidence and skills required to be career ready.

Our teaching clinics include:

- Melbourne Dental Clinic
- Melbourne Eyecare Clinic
- Melbourne Audiology and Speech Pathology Clinic
- Melbourne Psychology Clinic
- Shepparton Medical Centre.

For more information about our clinics, visit:

mdhs.unimelb.edu.au/engage/community/teaching-clinics



OUR KEY STUDY AREAS

At MDHS we offer 29 different disciplines of study. Our range of courses include doctoral and master degrees, graduate diplomas and certificates, and specialist certificates.

Whether you're just starting out or a seasoned professional, we have something to suit your needs and schedule.

To find out more about our courses, please visit: go.unimelb.edu.au/i3br

OUR KEY STUDY AREAS

- Aboriginal Health
- Adolescent Health and Wellbeing
- Audiology and Speech Pathology
- Biomedical Sciences
- Biostatistics
- Cancer Sciences
- Clinical Research and Teaching
- Clinical Ultrasound
- Dentistry and Oral Health
- Epidemiology
- Genomics and Health / Genetic Counselling
- Gerontology
- Health and Human Services
- Medicine
- Narrative Therapy
- Nursing: Continuing Professional Development
- Nursing: Entry to Practice
- Optometry and Vision Sciences
- Palliative Care
- Patient Management
- Physiotherapy
- Psychiatry
- Psychological Sciences
- Public and Social Health
- Research
- Social Work
- Sports and Rehabilitation Science
- Surgical Science
- Youth Mental Health



DOCTOR OF MEDICINE (MD)

THE NEW DOCTOR OF MEDICINE

The 21st century requires medical graduates who can thrive in complex environments and be the leaders of change. That's why we are launching a redesigned Doctor of Medicine program in 2022.

The program includes:

- two core clinical training years which facilitate learning with patients in a wide range of settings
- an option to complete a full-semester research project in an area of interest

- a capstone semester in which you'll "rehearse" the skills required for effective and safe clinical practice
- an annual medical conference which will provide opportunities to interact with leaders in research, policy and clinical healthcare
- strong partnerships with outstanding hospitals in the public and private sectors as well as some of Australia's leading medical research institutes.

Applications for the MD can be submitted here: go.unimelb.edu.au/88b6



"I love the hands-on approach to learning offered within the MD course. Being on placement from first year is a unique and inspiring opportunity and the patient-centric style of learning and student involvement within the hospitals, make for an engaging learning experience. Because we start placement within the hospitals from early on, I feel like I am getting valuable work experience while also studying."

Alex Diaz,
Doctor of Medicine

PROGRAM	YEARS OF STUDY	WEIGHTED GPA	ADMISSIONS TEST NEEDED	INTERVIEW	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Doctor of Medicine	Four	Yes	GAMSAT ¹	Yes	Medical Board of Australia	87 weeks

¹ International students residing outside of Australia are able to undertake MCAT as an alternative admissions test

DOCTOR OF PHYSIOTHERAPY

The Doctor of Physiotherapy is a three-year, full-time entry to practice graduate degree, providing students with a comprehensive, integrated course in the theory and practice of physiotherapy.

The program includes:

- clinical placements in major metropolitan teaching hospitals, primary care, rural and international settings
- innovative teaching methods and an extensive clinical program offering advanced skills that will create work-ready and highly employable graduates

- highly credentialed and networked lecturers and mentors, as well as connections with leading hospitals, research institutes and the private sector
- delivery outside the standard university semester, with semesters being 17 weeks in duration; this allows us to incorporate the clinical component of the course within the subjects
- graduates of the Doctor of Physiotherapy will be eligible to apply for registration to practise as physiotherapists in Australia and New Zealand.¹

Applications for the Doctor of Physiotherapy can be submitted here: go.unimelb.edu.au/9ay6



"Being accepted into a physiotherapy school within Canada was a difficult task so I looked elsewhere to pursue a physiotherapy degree. As I did more research, I came to the conclusion the University of Melbourne would be a great fit for me – renowned worldwide institution, evidence-based and constantly changing curriculum, and one of the world leaders in physiotherapy research."

Wilfred Ly,
Doctor of Physiotherapy

PROGRAM	YEARS OF STUDY	WEIGHTED GPA	ADMISSIONS TEST NEEDED	PREREQUISITE SUBJECTS	INTERVIEW	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Doctor of Physiotherapy	Three	Yes	No	One subject each of Anatomy and Physiology.	Yes	Australian Health Practitioner Regulation Agency	1200 hours

¹ Doctor of Physiotherapy graduates who wish to practice overseas should check with their local physiotherapy registration board to confirm registration requirements.

DOCTOR OF OPTOMETRY

The Doctor of Optometry is a four-year, full-time program and the first of its kind in the southern hemisphere, creating a new benchmark in optometric education. This is an entry to practice degree for registration as an optometrist in Australia, as well as New Zealand.

The program includes:

- a combination of on-campus teaching and clinical placements, with clinical studies commencing in first year and gradually increasing to full-time in the final year

- subjects that cover the basic and applied optical, visual, and biomedical sciences that underpin optometry
- a required research project with clinical relevance
- the opportunity to undertake clinical training at metropolitan, rural and overseas sites as part of their final year of study
- an internationally recognised qualification on completion of the course.

Applications for the Doctor of Optometry can be submitted here: go.unimelb.edu.au/tmg6



"I'm an optometrist at the Australian College of Optometry. I really enjoy the combination of helping people and using the scientific knowledge I gained through my studies. I'm often working with new Australians who may not have English as a first language, and I've found the skills I learned on externship in South Africa in my final year have really helped."

Erica Barclay,
Doctor of Optometry

PROGRAM	YEARS OF STUDY	WEIGHTED GPA	ADMISSIONS TEST NEEDED	PREREQUISITE SUBJECTS	INTERVIEW	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Doctor of Optometry	Four	Yes	GAMSAT ¹	Three subjects at level two or three (or equivalent) from one or more relevant biological science disciplines.	No	Optometry Council of Australia and New Zealand (OCANZ)	1000 hours

¹ MCAT and OAT are also accepted.

DOCTOR OF DENTAL SURGERY

The Doctor of Dental Surgery is a four-year, full-time course and professional-entry, masters-level dental degree.

The program includes:

- subjects taught in an advanced learning environment at the forefront of oral health, state-of-the-art technologies and international collaborations, particularly in the Asia-Pacific region
- subjects delivered by highly qualified academics, with research experience from leading universities around the world

- a focus on pre-clinical practical classes and clinical patient treatments in all specialties of dentistry
- a pathway to enter the Master of Philosophy, PhD or Doctor of Clinical Dentistry
- in the final year, a unique opportunity to experience working in a private practice setting, where you'll learn how to run a small dental clinic.

Applications for the Doctor of Dental Surgery can be submitted here: go.unimelb.edu.au/7dy6



"I have always had an interest in Health Sciences. Dentistry ascends beyond that, it allows me to engage in science while bringing out my creative side, it's a course where you learn and develop a whole new set of skills, and I am always up for a challenge. The course is catered for both international and domestic students, and we get various opportunities to have placements in different clinical settings."

Roshine Linus,
Doctor of Dental Surgery

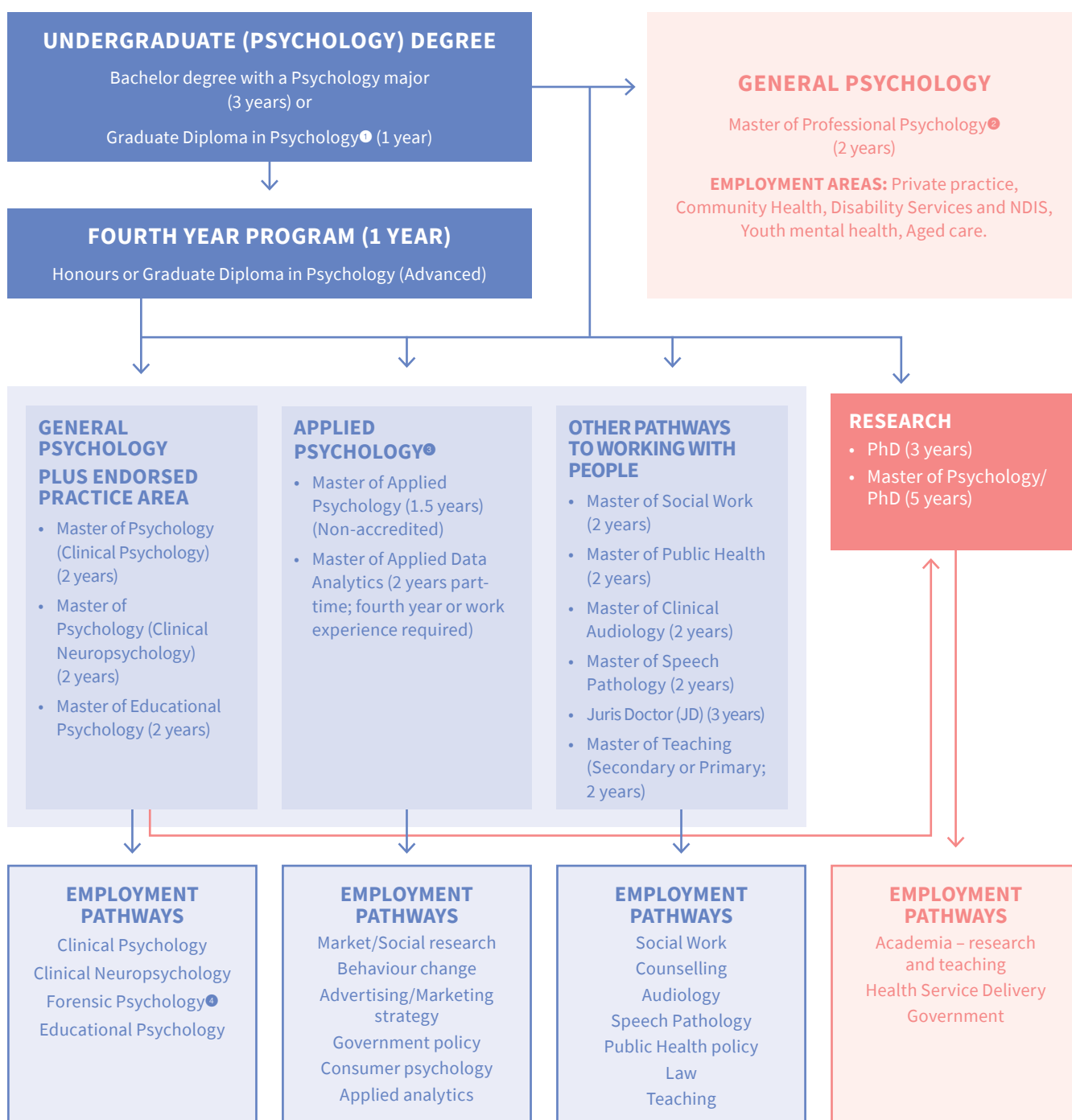
PROGRAM	YEARS OF STUDY	WEIGHTED GPA	ADMISSIONS TEST NEEDED	PREREQUISITE SUBJECTS	INTERVIEW	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Doctor of Dental Surgery	Four	Yes	GAMSAT ¹	Second year (or equivalent) Anatomy, Physiology and Biochemistry.	No	Dental Practice Board in Australia and New Zealand	40 weeks

¹ MCAT and OAT are also accepted.

STUDIES IN PSYCHOLOGICAL SCIENCES

Psychology is a fascinating and challenging discipline that impacts every aspect of our lives. Whether you're interested in becoming a clinical psychologist, applying psychological principles in the worlds of marketing and health, or you just want to learn more about mind and behaviour – studying psychology opens up a world of possibilities!

STUDYING PSYCHOLOGY IS A GATEWAY TO CAREERS FOR WORKING WITH PEOPLE



^① The Graduate Diploma in Psychology is designed for graduates of other disciplines who have not previously completed studies in Psychology.

^② Upon completion, Master of Professional Psychology graduates will be eligible to undertake one year of supervised general practice, sit the national psychology exam, and subsequently apply for general registration.

^③ The Master of Applied Psychology and Master of Data Applied Analytics are not accredited programs and are not a pathway to professional registration as a psychologist.

^④ Clinical Psychologists can work in forensic psychology. This is not a formally Endorsed Practice Area offered by the University.

STUDIES IN PSYCHOLOGICAL SCIENCES

To apply for one of our psychology courses or to find out more, visit: go.unimelb.edu.au/g4ka

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/DAYS (APPROX)
Graduate Diploma in Psychology	One ^①	An undergraduate degree with a major other than psychology.	Australian Psychology Accreditation Council (APAC) accredited program.	N/A
Fourth year/ Graduate Diploma in Psychology (Advanced)	One	An undergraduate degree with an APAC accredited major in Psychology or an APAC accredited Graduate Diploma in Psychology.	APAC accredited program.	N/A
Master of Applied Psychology	One and a half	An undergraduate degree with a major in psychology or a Graduate Diploma in Psychology or equivalent.	Does not carry professional accreditation and is not a pathway to professional registration as a psychologist.	20 internship days for students who undertake the internship subject.
Master of Psychology (Clinical Psychology)	Two	Within the last 10 years, an APAC accredited four-year undergraduate sequence in psychology (namely a three-year major in psychology as part of an undergraduate degree plus a fourth year honours specialisation in psychology or equivalent) with a weighted average mark of at least H2A (75%) or equivalent; ^② and <ul style="list-style-type: none"> a personal statement of no more than 500 words; and two referee reports to be submitted online; and attend a selection interview (short-listed applicants only). 	APAC accredited program.	1000 hours
Master of Psychology (Education Psychology)				
Master of Psychology (Clinical Neuropsychology)				
Master of Professional Psychology				

^① One year if students commence in the Summer Intake otherwise it will take 1.5 years

^② If qualification was completed overseas then an Australian Psychological Society (APS) assessment will be required.



"The Graduate Diploma was a very intense course but it was incredibly interesting. For the first time in my life I was studying because I wanted to, rather than because I had to. The lecturers were all very engaging and I always walked out understanding some aspect of my life so much better. I'm now part of a sub-group of cognitive scientists who specialise in building mathematical models to test psychological theories. I love the technical aspects of the work and how we apply rigorous testing methods to a field of science where it can be quite hard to do so."

Sarah Moneer,
Graduate Diploma in Psychology



"The MAP for me was the perfect way to bridge the theoretical focus of my psychology undergrad and the more practical demands of the workplace. I feel now, having completed the course, that I am well equipped to engage with the challenges presented when using psychological principles to bring about behavioural change. Regardless of whether the means of achieving this change are public policy or media campaigns, this course gave me the technical skills to engage with data and derive the insights with which effective strategies may be developed. This combination of skills is lethal, and has helped me in my work as a Graduate in the Finance and Consulting team at Roy Morgan Research."

Darcy Bennett,
Master of Applied Psychology (MAP)

MASTER OF SPEECH PATHOLOGY

The Master of Speech Pathology degree is a two-year full-time course. Completion of this degree qualifies you to work as a speech pathologist and equips you to work with, and help, people of all ages and backgrounds with communication and/or swallowing issues.

The program includes:

- About 450 hours of supervised placement with opportunities across the education, rehabilitation, aged and healthcare sectors in both regional and metropolitan Victoria

- development and application of clinical skills for the assessment, diagnosis and intervention of children and adults across all areas of speech pathology practice
- strong external teaching and clinical partnerships, which can help develop important professional networks
- an internationally recognised qualification upon completion.❶

Applications for the Master of Speech Pathology can be submitted here:

go.unimelb.edu.au/8zb6



"After completing my Bachelor of Media and Communications in 2012, I began working at an American summer camp for children with special needs. Working with children with a range of communication difficulties was the formative experience that opened my eyes to the wonderful world of speech pathology."

Chad Lazaro,
Master of Speech Pathology

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Master of Speech Pathology	Two	An undergraduate degree in a relevant discipline (Science, Biomedicine, Linguistics, Phonetics, Education, Psychology), or equivalent.	Speech Pathology Australia	450 hours

❶ Graduates who wish to practice overseas should check the relevant local speech pathology requirements to ensure that this degree meets their needs.

MASTER OF CLINICAL AUDIOLOGY

Audiology is a clinical science involving hearing and balance assessment and rehabilitation. The Master of Clinical Audiology degree is a two-year, full-time program and on completion of the course, you'll leave with clinical experience and high employability – with a variety of exciting career paths at your disposal.

The program includes:

- basic scientific background for audiology, an introduction to clinical work, comprehensive training in all aspects of clinical audiology along with an introduction to related research methods

- supervised clinical work at our clinical school and at various hearing care facilities across Victoria
- the opportunity to foster connections with Cochlear, Audiology Australia, the Eye and Ear Hospital along with government and private hearing aid providers and companies; teaching experts within the course are also closely tied with the international community of audiology
- the opportunity to apply for overseas internship placements where you can use your learned skills to deliver valuable services in a developing country or experience international placement.

Applications for the Master of Clinical Audiology can be submitted here:

go.unimelb.edu.au/spb6



"After working as an exercise physiologist for five years I was ready for something new. I still wanted to help people and I was after a scientific challenge, so I chose audiology. I have hearing loss myself (I have cochlear implants) so growing up I visited the audiologist a lot. Back then I didn't think I'd make it a career though!"

Emma Webb
Master of Clinical Audiology

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Master of Clinical Audiology	Two	An undergraduate degree in a science and/or health-related area. A pre-recorded interview (restricted to shortlisted applicants)	Audiological Society of Australia	350 hours

MASTER OF GENOMICS AND HEALTH

The Master of Genomics and Health provides advanced training in the current and potential impact on health and medicine brought about by advances in genomics and related technologies. The program is the first of its kind to be offered in Australia and is a nested award with alternative entry and exit points at the graduate certificate (one semester) and graduate diploma (two semesters) level which may suit health professionals and medical scientists for professional upskilling.

The program includes:

- an opportunity to tailor your masters to suit your career objectives by choosing elective and research streams
- assistance with organising relevant internships and research projects. Successful completion of the research stream will satisfy the 25-point research pathway to PhD admission
- a blended learning approach, utilising both self-paced online learning, and face-to-face tutorials and workshops that allows you to apply your knowledge in a problem-based learning environment.
- Selected graduates may be offered an opportunity to continue study by undertaking a PhD.

Applications for the Master of Genomics and Health can be submitted here:

go.unimelb.edu.au/94fr



"I've been fascinated by genomics ever since watching the BBC TV show Orphan Black in Year 12, so the opportunity to immerse myself in pure genomics and everything surrounding it really appealed. The course offers so many different pathways."

Sarah Casauria,
Master of Genomics and Health

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/DAYS (APPROX)
Master of Genomics and Health	Two	<p>1. In order to be considered for entry, applicants must provide evidence of having completed:</p> <ul style="list-style-type: none"> • an undergraduate degree, in a cognate discipline such as Science, Health Sciences, Social Work, Psychology, Medicine, or related discipline, with a weighted average mark of at least H3 (65%) or equivalent <p>AND</p> <ul style="list-style-type: none"> • pre-requisite studies with subject marks of at least 65% (H3) in: biology to first year undergraduate level, or equivalent and genetics to second year undergraduate level or equivalent <p>OR</p> <ul style="list-style-type: none"> • six years of documented relevant work experience in a cognate discipline <p>AND</p> <ul style="list-style-type: none"> • pre-requisite studies with subject marks of at least 65% (H3) in biology to first year undergraduate level, or equivalent and genetics to second year undergraduate level, or equivalent <p>OR</p> <ul style="list-style-type: none"> • an undergraduate degree in any discipline, or equivalent, with a weighted average mark of at least H3 (65%), or equivalent, <p>AND</p> <ul style="list-style-type: none"> • pre-requisite studies with subject marks of at least 65% (H3) in: biology to first year undergraduate level, or equivalent and genetics to second year undergraduate level or equivalent <p>AND</p> <ul style="list-style-type: none"> • at least two years of documented relevant work experience in a cognate discipline <p>All applicants must include a statement of no more than 400 words that explains</p> <ul style="list-style-type: none"> • Reason(s) for applying for the Master of Genomics and Health including known or proposed career objectives • How their education/background addresses the entry requirements • Applicants must attach relevant biology and genetics subject descriptions to this statement (not included in the word count). • Meeting this requirement does not guarantee selection. 	N/A	Professional Internships – 40 days in second year

MASTER OF GENETIC COUNSELLING

In Australasia, genetic counsellors are allied health professionals who work in partnership with clinical geneticists or other medical specialists, often as part of a multidisciplinary team that may include other allied health professionals and/or scientists. The Master of Genetic Counselling is a professionally accredited coursework degree, usually completed full-time over two years.

The program includes:

- development and strengthening of skills in clinical genetics and genomics, counselling theory and practice, research theory and practice, and the societal implications of genetics and genomics as applied to healthcare

- well-established links to overseas training programs; there are international opportunities for students, through an active exchange program for clinical placements and research collaborations
- upon graduation, the opportunity to undertake certification both in Australia and overseas in those countries with an established reciprocal training and certification agreement
- a research monograph with supervision, and extensive counselling skills practice in varied clinical genetics and community settings.
- Selected graduates may be offered an opportunity to continue study by undertaking a PhD.

Applications for the Master of Genetic Counselling can be submitted here:

go.unimelb.edu.au/9ey6



“One of the things I really valued about the Master of Genetic Counselling was the focus it has on counselling skills and the importance of those communication skills in our work. I came from a molecular biology and genetics background. That sort of clinical application of genetics was something that was new for me.”

Lyndon Gallagher,
Master of Genetic Counselling

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/DAYS (APPROX)
Master of Genetic Counselling	Two	<p>In order to be considered for entry, applicants must provide evidence of having completed: an undergraduate degree preferably in a cognate discipline such as Science, Health Sciences, Social Work, Nursing, Psychology, Medicine or related discipline, with a weighted average mark of at least 65% or equivalent;</p> <p>AND</p> <p>evidence of at least one first year undergraduate biology subject and at least one second year undergraduate genetics subject (preferably human genetics), completed in the last 10 years and with subject marks of at least 65%, or equivalent. Applicants should attach relevant biology and genetics subject descriptions (in English) to their application.</p> <p>AND</p> <p>relevant voluntary/professional work experience (minimum 6 months) in providing peer/counselling support to others at times of need or crisis;</p> <p>AND</p> <p>up to three written, signed and dated references to attest to volunteer/work experience and ability including the duration and nature of the work (proforma available)</p> <p>AND</p> <p>a personal statement outlining a) why they wish to be considered for the program and b) how their background and experience is relevant to a career in genetic counselling (1000 words maximum)</p> <p>Shortlisted applicants will be invited to interview with the Selection Panel which involves:</p> <ul style="list-style-type: none"> attending in person or by virtual interview to demonstrate interpersonal skills; and writing a 500-word reflective piece on a relevant topic as determined by the Selection Committee; and completion of a genetics quiz to demonstrate mastery of basic genetic/genomic concepts; and completion of a resilience survey <p>Meeting these requirements does not guarantee selection.</p>	Human Genetics Society of Australasia	<p>Community placements – 16 days in first year</p> <p>Clinical placements – 48 days in second year.</p>

MASTER OF NURSING SCIENCE

The Master of Nursing Science is a two-year professional master's degree that provides exceptional preparation for a nursing career. The program gives you access to world-class clinical and theoretical study, leading to a globally recognised Australian nursing accreditation.

The program includes:

- an emphasis on significant contemporary health problems identified as National Health Priority Areas: cardiovascular health, cancer control, injury prevention and control, mental health, diabetes mellitus, and asthma

- clinical placements in the largest major metropolitan teaching hospitals, ensuring best clinical practice opportunities and research collaborations with up-to-date medical mannequins and equipment, and dedicated laboratory staff to guide your practical skill development
- a specialist elective and a capstone practice subject to consolidate your theoretical and practical knowledge.

Applications for the Master of Nursing Science can be submitted here:

go.unimelb.edu.au/sdy6



"I liked that the Master of Nursing Science course treated you as a professional from the start. This led to high expectations being set, which was challenging, but led to great satisfaction at the end of each semester. The course blended the theory and practice of nursing extremely well. The knowledge I gained through the course has put me ahead of nursing graduates from other universities."

Angus Cooper,
Master of Nursing Science

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Master of Nursing Science	Two	Any undergraduate degree.	Nursing and Midwifery Board of Australia	800 hours

MASTER OF SOCIAL WORK

The Master of Social Work has been specifically designed to equip graduates with the skills to work in various facets of social work practice, including casework, counselling, advocacy and community engagement. The two-year, full-time (four-year part-time) program is one of the first master's degrees accredited nationally by the Australian Association of Social Workers (AASW).

The program includes:

- the choice of a specialist elective subject in the final semester
- specially designed interview simulation rooms to allow you to practice and review your skills in a safe environment before commencing your fieldwork placements

- highly qualified, experienced, research-active and accessible experts in the field, with strong ties to the profession and to practice; their expertise encompasses specialist knowledge in particular fields of practice including: mental health, child and family practice, health, ageing, and substance abuse
- strong skill development in social work research that can potentially provide a pathway to PhD upon degree completion
- a portable qualification, enabling you to work nationally or internationally.

Applications for the Master of Social Work can be submitted here:

go.unimelb.edu.au/ndw6



"I was attracted to social work because I want to work with families and make a difference in people's lives. It's a broad field and you can work in lots of different kinds of settings. I like the structure of the course, with our time on campus limited to two days. It's very flexible and allows for part-time work. The staff have also been very supportive, and quite a few of them wrote the textbooks we study, which is reassuring!"

Lindiwe Mlazi,
Master of Social Work

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Master of Social Work	Two	<ul style="list-style-type: none"> An undergraduate degree with at least one year of full-time studies in social sciences or equivalent, with studies to have been completed within 10 years of commencing the Master of Social Work OR An older undergraduate degree and more recent graduate study that demonstrates current capacity for graduate study AND personal statement, professional referee, and paid or volunteer work experience of at least 40 hours. 	AASW	1000 hours (completed as two 500 hour blocks)

MASTER OF BIOSTATISTICS

The Master of Biostatistics is an 18-month full-time (three-year part-time) course offering an advanced education in biostatistics. It encompasses the design of experiments and the collection, summary, and analysis of data, including, importantly, the interpretation and communication of data analysis to health professionals. With the rapid accumulation of data in the health sciences, biostatistical expertise has never been in more demand.

The program includes:

- 14 different electives uniquely tailored to meet your interests. The wide-ranging elective subjects allow great flexibility in terms of biostatistics career pathways
- flexibility, with study delivered through a combination of on-campus and online subjects for both domestic and international students
- the opportunity to complete a research-based project under expert biostatistical supervision on completion of your masters degree.

Applications for the Master of Biostatistics can be submitted here: go.unimelb.edu.au/2w96



"After studying microbiology at undergraduate level I was attracted to this course because I was looking for a way to apply my love of maths. It went over and above my expectations and I enjoyed it a lot. I knew it was going to teach me how to analyse data but I wasn't expecting the methods to go down to so fine a detail – that was a pleasant surprise."

Lizzie Korevaar,
Master of Biostatistics

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Master of Biostatistics	One and a half	An undergraduate degree in a relevant discipline, such as statistics, mathematics, biomedicine, psychology, science, pharmacy, health sciences, economics, from an approved university, with an average mark of at least H2B (70%) over the degree; and Successful completion (result of at least H3 or 65%) at tertiary level of at least one mathematics subject, including elements of multivariable calculus and linear algebra.	Statistical Society of Australia Inc.	N/A

MASTER OF PUBLIC HEALTH

The Master of Public Health is a two-year full-time course that prepares students in future careers as leaders in public health and healthcare. Within the course students are exposed to the core foundations of public health theory and practice and also have the opportunity to specialisations in the advanced public health training streams offered through the University of Melbourne.

The program includes:

- the choice of over 60 elective subjects across 9 specialisations

- subjects delivered by academic staff with extensive experience and depth of knowledge, who are leaders in their chosen fields of public health
- extensive engagement with industry, government, and private enterprise, through interactive seminars, work integrated learning experiences, potential research project opportunities, and numerous networking events
- an opportunity to go on an international exchange for a semester
- an internationally recognised qualification on completion of the course.

Applications for the Master of Public Health can be submitted here: go.unimelb.edu.au/qgy6



"I'm a Research Fellow in health economics at the University of Melbourne, with a particular interest in evaluating genomic medicine in cancer. The Master of Public Health was great preparation, I loved it. When I started studying, I knew I wanted to work in health economics and health policy, but I wasn't exactly sure what area."

Martin Vu,
Master of Public Health

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Master of Public Health	Two	An undergraduate degree in any discipline, with a weighted average mark of at least 65%, or equivalent	N/A	200 hours (internship option a possibility)

① The course may be completed in less than two years when entering in February and with the appropriate qualifications/experience.

MASTER OF BIOMEDICAL SCIENCE

The Master of Biomedical Science is a coursework masters degree incorporating a substantial research project that provides a pathway into a research, other science-based careers or PhD studies.

The program includes:

- a major research project where you'll be embedded in the organisation most applicable to your research
- the opportunity to tailor your research project to the existing needs of government or industry; this can pave the way for your future career from the outset of the program

- a suite of professional business and communication subjects, which are offered to complement and enhance the research undertaken and to progress students' career opportunities
- an internationally recognised qualification on completion of the course
- tailor your coursework elective subjects to either delve deeper into your research area, or expand your professional/industry skills and gain a thorough understanding of the current issues faced in the industry.

Applications for the Master of Biomedical Science can be submitted here: go.unimelb.edu.au/guw6



"As a research student who is devoted to biomedical research, the University of Melbourne provides the perfect place to feed my curiosity and realise my ideas."

Zizheng Xian
Master of Biomedical Science

PROGRAM	YEARS OF STUDY	ENTRY REQUIREMENTS	ACCREDITATION	PLACEMENT HOURS/ WEEKS (APPROX)
Master of Biomedical Science	Two	An undergraduate degree with a relevant Science/ Biomedicine discipline.	N/A	N/A

RESEARCH

Research Higher Degree candidates embark on a very exciting journey into the realm of Graduate Research. Here, at the University our focus is on achieving the best research possible to improve the health and wellbeing of our community. To see our latest research visit: pursuit.unimelb.edu.au/health-medicine

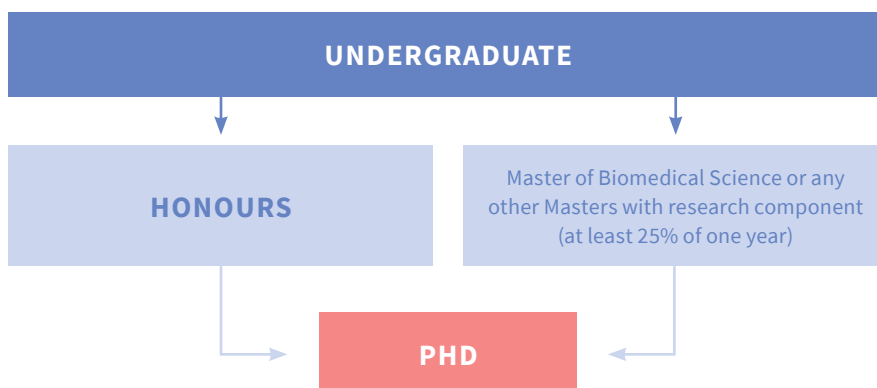
PATHWAY TO PHD STUDIES

After completing your undergraduate degree, you may undertake either a fourth-year honours program or a masters with a research component (amounting to 25% of a full year) to be eligible to apply for our Doctor of Philosophy (PhD). Another popular pathway for students intending on research is through our Master of Biomedical Science, which allows you to undertake a sizeable research component prior to applying to our PhD.


Find out more at study.unimelb.edu.au/how-to-apply/graduate-research

HOW TO APPLY FOR PHD

- STEP 1** Check your eligibility
- STEP 2** Find potential projects and supervisors at findanexpert.unimelb.edu.au
Contact potential supervisor for support (if required)
- STEP 3** Prepare your documentation: proposal, transcripts, cover letter, academic referees, English language test results (if required), supervisor support correspondence and any other additional requirements to support your application
- STEP 4** Submit your application and wait for the outcome
- STEP 5** If you receive an offer, you can then accept your place and prepare to start your life at the Faculty.







Award-winning biomedical scientist, Professor Laura Mackay joined the School of Biomedical Sciences in 2009 and established her own research group at The Doherty Institute in 2016. Her research focuses on a population of T cells that resides in tissues of the body – termed tissue-resident memory T cells. The aim is to harness these cells for the development of new vaccines and immunotherapeutic strategies. Professor Mackay is also an undergraduate lecturer and presents her laboratory’s research around the world. Among her many accolades, she was awarded the 2019 Frank Fenner Life Scientist of the Year Award in the Prime Minister’s Prizes, the 2019 Gottschalk Medal by the Australian Academy of Science, the 2018 Michelson Prize for Human Immunology and Vaccine Research and was appointed the first female President of the Federation of Immunological Societies of Asia-Oceania.

“There are so many opportunities to collaborate with world-class scientists and clinicians in the Precinct and I’ve definitely been able to capitalise on that.”

Professor Laura Mackay PhD
Sylvia & Charles Viertel Senior
Medical Research Fellow
HHMI-Gates International Research Scholar
Department of Microbiology and Immunology

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