



# Bachelor of Clinical Science

Improving lives and contributing to healthier communities is one of the most rewarding things you can do. A career in medicine or health as a doctor, physiotherapist, medical researcher or other health professional is exciting and dynamic, and provides you with an opportunity to make a real difference.

This innovative and accelerated two-year course focuses on human clinical sciences and builds the foundational professional skills you'll need for a career in medicine, allied health or medical research.

## KEY FEATURES

- This course is the ideal preparation for graduate-entry programs, such as Macquarie's **Doctor of Medicine** (Macquarie MD), or other postgraduate degrees in related fields, such as **physiotherapy, public health and medical research**.
- It also prepares you to pursue a range of **health careers** such as dentist, allied health professional, veterinary surgeon, health policy designer, pharmaceutical specialist, and biotechnology specialist.
- You'll get to your career goal sooner by **accelerating your studies** - completion of your Bachelor's degree in two years instead of three.
- You'll have the option to receive targeted **preparation for medical school admissions** tests and interviews.
- Build **practical technical skills** using the latest simulation technology and through working with human anatomical specimens.
- You'll learn in an environment that is home to **Macquarie University Hospital** – Australia's first and only private, not-for-profit hospital on a university campus.
- You'll have the opportunity to undertake **work experience** in a healthcare setting or medical research facility.

## WHAT YOU WILL STUDY

- Gain fundamental knowledge in biomedical, medical and clinical sciences and apply this knowledge to the human body using a system-based approach.
- Learn about anatomy, physiology, biochemistry, genetics, neuroscience, pharmacology, embryology, pathology, immunology, and medical microbiology.
- Develop key employability skills in personal reflection, communication and critical thinking through a series of Professional Practice units designed specifically for the course.
- Study intensively during Macquarie's two regular sessions, as well as a shorter summer session.
- In second year, choose from a range of senior clinical science electives to suit your career aspirations.

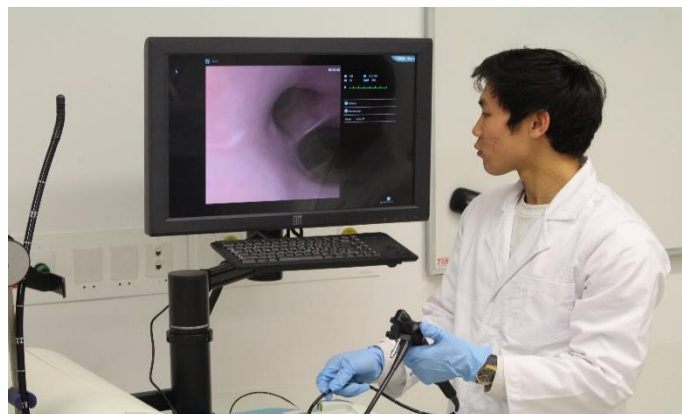


## COURSE ENTRY

- Selection rank: 90.00 or equivalent.
- Assumed knowledge: HSC **Mathematics** (Band 4).
- Recommended knowledge: HSC **Chemistry** (B4).
- If you haven't recently completed Chemistry and Mathematics, or equivalent, you must complete **bridging courses** prior to commencement.
- We value prior learning in English, mathematics and the natural sciences (biology, chemistry and physics). We offer up to **six Academic Advantage Adjustment Factors** to students who have excelled in these areas.
- Students may be eligible for adjustment factors from other schemes as well (up to the maximum of six from any combination of schemes).

## FIND OUT MORE

- [courses.mq.edu.au/BClinSc](https://courses.mq.edu.au/BClinSc)



## COURSE STRUCTURE FOR THE BACHELOR OF CLINICAL SCIENCE

	Session 1	Session 2	Session 3
<b>Year 1</b>	MEDI1400 Foundations of Learning, Communication and Teamwork	MEDI2200 Human Cell and Molecular Biology	MEDI2400 Foundations in Ethics and Society
	BMOL1001 Biomolecules	MEDI2004 Pharmacology Fundamentals	Elective 2
	ANAT1001 Introduction to Anatomy	MEDI2100 Musculoskeletal System	Elective 3
	PHYS1210 Physics for Life Sciences	MEDI2101 Cardiovascular and Respiratory System	Elective 4
	STAT1171, STAT1250 or STAT1371 Statistics	Elective 1	
<b>Year 2</b>	MEDI2300 Nervous System	MEDI2102 Renal, Reproductive and Endocrine Systems	
	MEDI2103 Alimentary System, Nutrition and Metabolism	MEDI3200 Translational Biology and Genomics	
	MEDI2005 Human Health and Disease Processes	MEDI3401 Professional Learning in the Clinical Sciences	
	MEDI3XXX/PHTY3XXX Selective 1	MEDI3XXX/PHTY3XXX Selective 3	
	MEDI3XXX/PHTY3XXX Selective 2	MEDI3XXX/PHTY3XXX Selective 4	

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### FIND OUT MORE

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**MACQUARIE**  
University

# Courses

MQ Health's range of undergraduate and postgraduate degrees connect with each other.

