

Bachelor of Medical Biotechnology (Honours)

CAMPUS	DURATION	ATAR – SR	IB	UAC	CRICOS	STARTS IN
 Wollongong	4yrs	85/95 DS	31/37 DS	757611/757617 DS	084862C	Session 1 (February)

Medical Biotechnology is the application of exciting advances in molecular and cell biology to medicine, agriculture, and the environment. Through modern technologies such as genetic engineering, biotechnology is shaping diverse aspects of medicine (cancer, vaccines, therapy and diagnosis of genetic diseases), food production (transgenic plants), and industry (bioremediation).

THIS DEGREE

The Bachelor of Medical Biotechnology (Honours) provides students with the tools and knowledge to work in both medicine and bioremediation. It encompasses the rapidly evolving fields of proteomics, genetic engineering, and advanced techniques in molecular analysis.

A new generation of pharmaceuticals, vaccines, hormones, and anti-inflammatory agents are being developed using these technologies. This degree will prepare you to work in biomedical science research and the biotechnology industry, which is at the forefront of these developments.

HONOURS DEAN'S SCHOLAR

A Bachelor of Bionanotechnology (Honours) (Dean's Scholar) will place you in a unique position to undertake an exciting, interdisciplinary career in the biotech industry, the pharmaceutical industry, academic biomedical research, government policy, patent law, and many other fields.

This course is designed specifically for high-achieving students interested in a challenging degree leading to a career in scientific research. As a Dean's Scholar, you will be invited to participate in networking, enrichment and mentoring opportunities that will give you a valuable edge when entering the job market.

UNDERGRADUATE RESEARCH OPTIONS

Honours is built into the fourth year of this program, during which students undertake a supervised research project. Research opportunities include access to Molecular Horizons and the Illawarra Health and Medical Research Institute.

For more information visit
uow.info/sci-med-bio



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Why choose this course

FORECASTED JOB GROWTH

This degree encompasses the rapidly evolving fields of proteomics, genetic engineering, microbiology, cell biology and advanced techniques in molecular analysis. A new generation of pharmaceuticals, vaccines, hormones, and anti-inflammatory agents are being developed using these technologies.

THE COURSE IS PRACTICAL

At UOW we integrate technology into all our learning and teaching to ensure that you graduate equipped to excel in a constantly changing and technologically advanced world. You will participate in practical classes in our purpose-built Sciences Teaching Facility in the Science Precinct of the campus or out in the field, ensuring that you have the skills and knowledge to meet the needs of tomorrow's employers.

GRADUATE CAREERS

- Academic Tutor
- Applications Scientist
- Biology Assistant
- Demonstrator
- Animal Attendant
- Health Management Trainee
- Hospital Scientist
- Junior Research Scientist
- Lab Aide
- Lab Assistant
- Lab Demonstrator Health Sciences
- Lab Technical Officer
- Medical Scientist
- Research and Investigation Internship
- Research Assistant
- Scientific Officer in Microbiology

PROFESSIONAL BODIES AND ASSOCIATIONS

- Australian Society for Biochemistry and Molecular Biology
- Australian Society for Microbiology



Biochemistry is really important to me because there is so much that we don't know about our own bodies and the genetic determinants that end up resulting in disease. It's important to first of all, understand what we are to then understand disease.

Natalie Guthrie

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Key dates

UOW Virtual Open Day

8 August

Learn more

uow.info/sci-med-bio



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