




Bachelor of Medicinal Chemistry (Honours)

CAMPUS	DURATION	ATAR – SR	IB	UAC	CRICOS	STARTS IN
 Wollongong	4yrs	85/ 95 DS	31/ 37 DS	757613/ 757619 DS	084858K	Session 1 (February)

Medicinal Chemistry covers all elements of the development of new medicines for human use, including the isolation of new medicinal agents from natural sources, the design, synthesis and evaluation of new medicinal drugs, and understanding the cause of diseases at the molecular level.

THIS DEGREE

Medicinal Chemistry is an exciting, rapidly-expanding area within the broad discipline of Chemistry that is rapidly growing within Australia and globally.

Medicinal chemists design and synthesise new medicinal and pharmacological agents, monitor guidelines for testing drugs and support drug regulatory affairs, assess patent applications for new drugs and teach in tertiary institutions.

WHAT YOU WILL STUDY

The Bachelor of Medicinal Chemistry (Honours) provides excellent training in the modern techniques of chemical science applied in the development of new diagnostic and therapeutic agents.

During the fourth (Honours) year of this degree, you will undertake a substantial piece of independent research in Medicinal Chemistry, under the supervision of a leading researcher, together with other course work.

On completion you will be ready for a career in the pharmaceutical industry, government agencies (health, agriculture, food and drug administration), or research organisations.

HONOURS DEAN'S SCHOLAR

The Bachelor of Medicinal Chemistry (Honours) (Dean's Scholar) is for high-achieving students. 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. The degree provides excellent training in the modern techniques of chemical science applied to medicine.

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



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Why choose this course

PROFESSIONAL RECOGNITION

The degree structure is designed to meet the qualifying standards of the Royal Australian Chemical Institute (RACI). Students who meet the course requirements will be eligible for corporate membership as Chartered Chemists.

FORECASTED JOB GROWTH

Professional, Scientific and Technical Services is projected to increase 10.2% in employment growth in Australia. The projected high rate of employment growth for 2018 to 2023 reflects ongoing strength and demand for the services of qualified and highly educated workers.

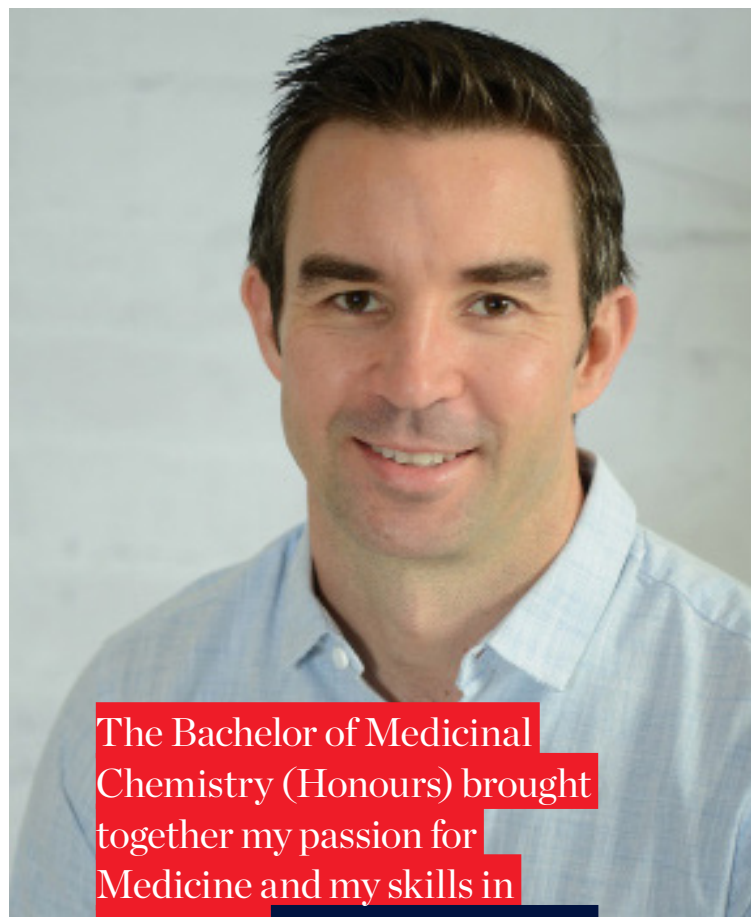
Source: [Employment Projections](#)

CAREERS

- Synthetic chemist
- Pharmaceutical
- Researcher Biochemist
- Medical Scientist
- Molecular Biologist
- Pharmacologist
- Research Assistant
- Scientific Officer
- Technical Writer
- University Education

POTENTIAL EMPLOYERS

- National Universities
- International Universities
- ANSTO
- CSIRO
- Medical Centres
- Defence Imagery & Geospatial Organisation
- Garvin Institute
- GB Geotechnics Heart Research Institute
- Illawarra Cardiology Associates
- IP Australia
- Hospital Research NICNAS
- NSW Health
- Pharmaceutical Companies
- Cancer Care Centres
- Southern Pathology
- Therapeutics Goods Administration



The Bachelor of Medicinal Chemistry (Honours) brought together my passion for Medicine and my skills in Chemistry, and the prescribed course meant I didn't have to decide which subjects to choose. If I could give one piece of advice to future students it would be to balance your studies and the rest of your life while at University. It's not just the grades, it's your friendships, hobbies, and more that shape your perceptions as well as your academic progress.

Murray Green

Senior Product and Business Development Manager bioMérieux Australia Pty. Ltd

Key dates

UOW Virtual Open Day

8 August

Learn more

uow.info/sci-med-chem



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