



Medical Science

Investigate the science of the human body.

Fascinated by how the body works? Ever wondered about neuroscience? Or maybe you can see yourself as a human molecular geneticist?

Medical scientists are at the forefront of addressing complex medical problems challenging our local and global communities. Doctors treat patients, but it is the medical scientists who come up with the breakthroughs that revolutionise modern medicine. Gain the evidence-based knowledge and essential skills that will help us face the local and global medical challenges of tomorrow.

Graduates of Medical Science (Laboratory Medicine) may apply individually for membership of the Australian Institute of Medical and Clinical Scientists (AIMS).

Why study Medical Science at Flinders?

Medical Science

- Undertake a part-time 13-week research placement.
- Choose topics from biological sciences and medical sciences to combine a solid understanding of the human body with the laboratory skills for medical science.
- Laboratory practicals and experiments prepare you for work as a medical scientist.
- Be immersed in a strong research environment.
- Exclusive sub-quota for Doctor of Medicine graduate-entry medical program
- Expand your career with further study in a clinical facing master's degree:
 - Master of Speech Pathology
 - Master of Audiology
 - Master Occupational Therapy
 - Master of Nutrition and Dietetics
- Careers as a Medical Scientist are projected to grow by 2.9% by 2025.*

*www.seek.com.au

Medical Science (Laboratory Medicine)

- Undertake two full-time 13-week placements.
- Apply pathology learning in diagnostic laboratory settings across metropolitan and regional sites.
- Explore public and private diagnostic lab placements
- Gain the scientific and theoretical understanding that underpins fundamental aspects of pathology, hematology, transfusion science, human molecular genetics, immunology, virology, physiology & anatomy.
- Gain a structured approach to the acquisition of medical laboratory skills and competencies through laboratory learning made possible by co-operative industry partnerships between diagnostic pathology laboratories and Flinders University.
- Gain an understanding of the professional roles and responsibilities of laboratory medical scientists and experience developing professional relationships.
- Course meets requirements as specified in the SA Health Allied Health Professional Credentials, including Access Appointments Policy Directive, for the SA Pathology credentialing process.
- Medical Laboratory Scientists are projected to grow by 5.6% by November 2026.*

*NSC Employment Projections March 2022



No. 1 in Australia
in Medicine for learning resources
and student support

No. 1 in Australia (The Good Universities Guide 2023 (undergraduate))

What does a career in Medical Science or Laboratory Medicine look like?

The BMS degree provides options for students interested in a wide range of careers in the medical and health sciences. Graduates may find employment in such fields as medical science, pharmaceutical research, biomedical organisations, diagnostic laboratories, health administration, and health planning and policy.

Medical Science courses available

- Bachelor of Medical Science
- Bachelor of Medical Science (Accelerated)
- Bachelor of Medical Science (Honours)
- Bachelor of Medical science/Bachelor of Engineering (Biomedical) (Honours)
- Associate Degree in Medical Science (Laboratory Medicine)
- Bachelor of Medical Science (Laboratory Medicine)
- Bachelor of Medical Science (Regional Placement)

“By learning from professionals in different fields it gives students an idea of the scope of practice and where this degree can really take us. You get the opportunity to learn content at a deeper level and then connect it to real world practices while developing fundamental skills that will support you throughout your career.”

**Jacinta Paardekooper,
Bachelor of Medical Science
(Laboratory Medicine)**

Graduate Options for Flinders Medical Scientists

Bachelor of Medical Science

After your degree



Medical Research

Employment in Research
BMS (Honours)
Doctor of Philosophy



MD

Apply for post-graduate
Flinders MD program
BMS students eligible for
exclusive sub quota in 4-year
MD program



Clinical Facing Masters

Nutrition & Dietetics
Speech Pathology
Occupational Therapy
Audiology



Industry

Clinical trials
Pharmaceuticals
Biotech
Life science/research
company reps

Scan for more info



[Flinders.edu.au](https://www.flinders.edu.au)

CRICOS No. 00114A.