The University of Western Australia (UWA) is a science-focused university, internationally renowned for excellence in teaching and research.

An emphasis on shared academic resources and expertise across discipline areas encourages collaboration, and creates a rich and dynamic learning environment.

**Master of Health Science (coursework) with specialisations in**

- Biochemistry and Molecular Biology
- Exercise and Health
- Human Biology
- Neuroscience

UWA’s breadth of expertise across the science disciplines is unequalled!

This master’s degree provides you with a unique combination of the three key platforms: public health; advanced study in a related science discipline; and an industry internship. It is taught by the Faculty of Science and the Faculty of Medicine, Dentistry and Health Sciences.

The Master of Health Science provides a pathway for you to further develop your science knowledge, and integrate this knowledge with a solid grounding in Public Health (theory and skills) as well as providing a work practicum in the health industry (for example health promotion, research, policy and administration). This integration enables you to be ‘job-ready’ at the end of your course.

As a graduate you will have advanced knowledge of Health Sciences that can be applied to both research and professional settings; as well as the capacity to solve problems by applying research methodologies combined with the ability to successfully communicate outcomes to a wide range of audiences. Knowledge of your discipline and how it is researched will enable you to become its advocate in both specialist and non-specialist settings.

**Career opportunities**

Graduates will find a range of careers in the health industry, with opportunities in health promotion (eg Quit Smoking and Drink Safe campaigns), rehabilitation centres and community health groups, and organisations that focus on specific health issues (eg cancer councils and heart foundations). Graduates also work in government health departments, hospitals and welfare agencies working on health policies, administration and delivery.

**Course Structure**

You study the core units of:

- Foundations of Public Health
- Health Industry Practicum

and three of the following units:

- Biostatistics
- Health Systems and Economics
- Health Promotion
- Epidemiology
- Qualitative Research Methods in Health

*R Ranked first in Australia for Life and Agricultural Sciences*
Specialisations

You choose one of four specialisations that will provide you with a focused, advanced learning experience in areas of key demand. You must complete all core units and specialisation units.

- **Biochemistry and Molecular Biology:** Provides advanced training and studies using new generation biochemistry and molecular biology techniques to understand cellular content, structure, organisation and interactions assessed with state-of-the-art technologies.

- **Exercise and Health Science:** Focuses on the management, marketing and promotion of positive health and fitness across a range of industries and contexts. The units within this specialisation offer a range of skills and experiences underpinned by a sound theoretical framework, and an opportunity to review current and future practice.

- **Human Biology:** Integrates the understanding of human behaviour and biology across a range of systems, processes and contexts. Units explore human biology from the molecular to the population level of analysis. Topics include reproduction, physiology, embryology and growth, the nervous system, ecology, sleep, public health, behaviour and biosocial interactions.

- **Neuroscience:** Explores modern neuroscience including the molecules that make up individual nerve cells, the transfer of information from one nerve cell to another, and the complexities of how behaviour, thought and emotions are produced, through studying neurodevelopment and neuroendocrinology.

Students may apply to replace the equivalent of half a year’s units with a research dissertation.

Admission requirements

You must have a relevant bachelor’s degree.

**English Language Competence**

All applicants for UWA coursework programs must demonstrate a minimum level of English Language Competence. See studyat.uwa.edu.au/undergraduate/admission/english

Key information

While the standard timeframe for completion of this degree is two years (full time), it may be possible for students who have previously completed an undergraduate degree in a cognate (related) area to complete within 1.5 years.

Example cognate areas are those that align directly with the specialisations: Anatomy & Human Biology, Biochemistry & Molecular Biology, Exercise & Health Science, Physiology, and Neuroscience.

Partial scholarships are available for high achieving international students. See science.uwa.edu.au/courses/scholarships.

**Intake periods:** February and July each year

How to apply

The University of Western Australia
M083, 35 Stirling Highway
Crawley, WA 6009
studyat.uwa.edu.au/applynow

Course enquiries

Email: postgrad-science@uwa.edu.au
Online enquiries ask.uwa.edu.au
science.uwa.edu.au

International students should also visit international.uwa.edu.au/studentnet/esos which gives more information about the study environment, course fees and refund policy, support services, and schooling obligations for dependent children.