

HEALTH SCIENCES

Swinburne has a renowned research capacity in the areas of psychology, nutrition, health promotion, public health, sport science, biomedical science and statistics.

The close link between our teaching and cutting edge research gives our students access to the latest developments in their disciplines. Our courses are practical and our strong industry links provide students with a real-world focus to their studies.

DEPARTMENTS

The **Department of Health and Medical Sciences** combines teaching and research in the exciting and expanding fields of public and environmental health, health promotion, health monitoring and treatment, nutrition, and sport science.

The **Department of Health Professions** combines teaching and research in the allied health and nursing programs offered at Swinburne.

With our research in psychology acknowledged as above world standard and Swinburne's five star overall rating for graduate satisfaction, the **Department of Psychological Sciences** has significant strengths in both research and teaching.

The **Department of Statistics, Data Science and Epidemiology** conducts teaching and research in a wide range of areas, including health sciences, social sciences, psychology, business, statistical computing and data analytics.

RESEARCH CENTRES AND GROUPS

The **Centre for Forensic Behavioural Science** is Australia's leading centre for excellence in forensic mental health and forensic behavioural science research, teaching and practice development.

The **Centre for Human Psychopharmacology** is a leading international centre researching the cognitive and mood effects of bioactive nutrients, pharmaceuticals, recreational drugs and dietary interventions.

The **Centre for Mental Health** investigates the mechanisms involved in severe mental health disorders and ways to improve the lives of people with a severe mental illness.

The **Swinburne Psychology Clinic** provides a range of low-cost psychological services to the Melbourne community.

The **Digital Health Research Network** is a collaborative network of academics that research the important role that digital technology plays in health, healthcare and wellbeing management. Health Science students examine the physical, psychological and social aspects of health in a variety of settings. These could include educating remote communities in the principles of health, applying psychology to sporting teams, exploring the effects of trauma, evaluating health interventions, investigating offender behaviour, and creating policies and laws to support health choices. Our courses combine strong theoretical foundations with a practical real-world focus. Our graduates gain the specialised skills required to assist and improve the wellbeing of communities and groups across Australia and the world—and make a real difference.

RESEARCH FACILITIES

We have cutting edge neuroimaging facilities, including Magnetic Resonance Imaging (MRI), Magnetoencephalography (MEG), Electroencephalography (EEG), and Trans-cranial Magnetic Stimulation (TMS), along with a Computer Assisted Telephone Interviewing (CATI). The biomedical laboratories feature equipment for biomedical instrumentation, clinical monitoring research projects, and assessing the impacts of radiofrequency radiation. We also have research collaborations with hospitals, aged care facilities, and other commercial organisations, ensuring our research has real world impact.

Contacts

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