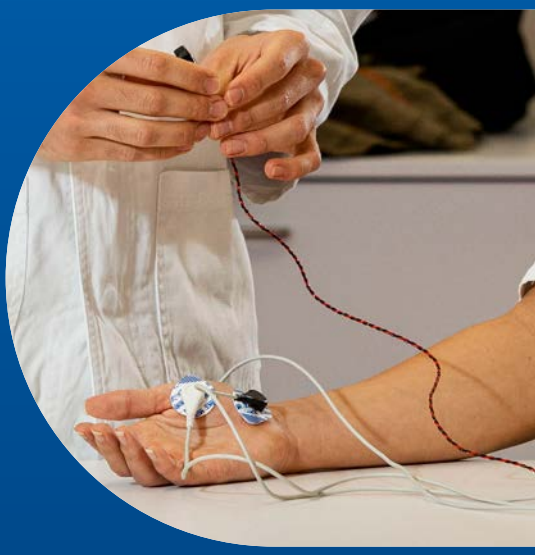
Faculty of Science



Mātai Whaiaroaro Undergraduate Physiology

Physiology sits at the heart of the life sciences, explaining every heartbeat, thought and movement. It reveals how the body's finely tuned systems work together – and how their disruption leads to disease.

What you will learn

Studying Physiology gives you a deep understanding of the body's essential processes and prepares you to tackle some of the most important challenges in human health.

From uncovering how cells transform energy to understanding why disease disrupts normal function, you will gain the scientific insight needed to contribute to tomorrow's breakthroughs in medicine, research, and technology.

At the core of Physiology is the acquisition of knowledge by observation, experiment and interpretation. A large part of medical research is centred on Physiology. It is an active and developing science that promises to be one of the most exciting disciplines for the foreseeable future.

Interested in pursuing entry to a clinical programme?

Physiology is one of six Bachelor of Science (BSc) health majors that provide clear pathways into the following year two clinical health programmes:

- Bachelor of Medical Imaging (Honours)
- Bachelor of Medicine and Bachelor of Surgery
- Bachelor of Optometry
- Bachelor of Pharmacy

Students intending to apply for these programmes must take specific courses to be eligible for clinical selection. GPA requirements also apply. Please consult the relevant year two clinical programmes on the University of Auckland website for detailed information.

To find out more, visit

auckland.ac.nz/sciencehealthmajors

Waipapa Taumata Rau
University of Auckland

Career opportunities

A degree in Physiology opens doors to a wide and growing range of careers, both in Aotearoa New Zealand and internationally. Our graduates have pursued roles in:

Scientific and research careers:

- Biomedical scientist
- Clinical research scientist
- Pharmaceutical research associate

Health and clinical professions (with postgraduate study):

- Medicine, nursing, dentistry
- Audiology, optometry
- Physiotherapy, occupational therapy
- Public health

Applied physiology and health science (usually with on-the-job training):

- Exercise physiologist
- Cardiac or respiratory physiologist
- Sleep physiologist / sleep technician
- Healthcare scientist
- Clinical trials coordinator

Industry, technology and innovation:

- Medical devices and diagnostics
- Biotech product development
- Regulatory affairs or medical writing
- Health data and analytics

Education and science communication:

- Secondary (with one-year postgraduate training) or tertiary teaching
- Science outreach or journalism
- Health promotion specialist

Find out more about how your degree will be structured and what courses you need to take at

auckland.ac.nz/physiology

Applications close on 8 December.

"Throughout my academic journey, I became fascinated by how physiology explains the cellular and molecular processes underlying human health and disease. Studying physiology opens pathways to careers with impact – from biomedical research to clinical practice, and the translational work that bridges them."

Jayd Dayaram
BSc in Physiology,BSc (Hons) in Physiology

Kuhua ki tō mātou hapori, ā, Kimihia tōu Pūtaiao.
Join our community and find your Science.

Have any questions?
Contact the Student Hub

auckland.ac.nz/student-hubs