



The University for the changing world.

Diploma in Applied Science

The Diploma in Science is for students who wish to gain knowledge in a specialised scientific discipline. You can choose from the three common pathways available:

- Standard
- Pre-chiropractic
- Anaesthetic technology

Quick facts

Programme code: AK3750

Level: 5

Points: 120

Duration: Standard diploma - 1 year full time/part time available; Anaesthetic Technology - 3 years part time; Pre-Chiropractic - 1 year full time

Venue: City Campus

Starting date: 4 March 2013 / 22 July 2013

AUT University encourages early application. This qualification will remain open until all places have been filled.

Admission and entry requirements

- NCEA: 48 Level 2 credits including 8 Level 2 credits in 1 of the following subjects: Economics, Te Reo Māori or Te Reo Rangatira, Physical Education, Drama, Social Studies, English, History, Geography, Classics, History of Art, Media Studies
- CIE: 60 Points on the UCAS tariff, including 1 of the following subjects: Economics, Te Reo Māori or Te Reo Rangatira, Physical Education, Drama, Social Studies, English, History, Geography, Classics, History of Art, Media Studies
- Anaesthetic Technician pathway: Relevant work experience
- Pre-chiropractic pathway: Letter of acceptance from the New Zealand College of Chiropractic

What this qualification covers

Below is a summary only. For a comprehensive overview of this qualification, please refer to the Academic calendar.

Standard pathway

This qualification includes enrolment in 8 papers from the first and second years of the Bachelor of Science papers.

You can study some of the following papers:

[775102 Biological Chemistry](#)

[775111 Microbiology](#)

[775205 General and Organic Chemistry](#)

[775611 Biophysics](#)

[555201 Human Anatomy and Physiology I](#)

[556202 Human Anatomy and Physiology II](#)

[555301 Knowledge, Enquiry and Communication](#)

Pre-chiropractic pathway

This pathway prepares you for entry into the New Zealand College of Chiropractic's Bachelor of Chiropractic. Prospective students must apply to the [New Zealand College of Chiropractic](#) first and receive a letter of acceptance to secure their place. If you wish to enrol with the college, you are required to complete the AUT Diploma in Science.

Please note, completion of the diploma does not guarantee entry to the Bachelor of Chiropractic.

You will study:

[775102 Biological Chemistry](#)

775111 Microbiology
775205 General and Organic Chemistry
775611 Biophysics
555201 Human Anatomy and Physiology I
556202 Human Anatomy and Physiology II
555301 Knowledge, Enquiry and Communication

In addition, one elective is chosen from the Bachelor of Science list of papers.

For further entry information please contact:

Admissions
New Zealand College of Chiropractic
6 Harrison Road
Mt Wellington
Auckland
(09) 526 6789
admissions@nzchiro.co.nz

Anesthetic technology pathway

This pathway provides trainee anaesthetic technicians with the theoretical and general practical skills to become registered anaesthetic technicians. All people working as trainee anaesthetic technicians or nurses must be registered as trainees and employed in a [New Zealand Anaesthetic Technicians' Society](#) recognised training facility.

In year one you study anaesthesia I (an introduction to anaesthesia technology), biophysics and anaesthetic technology I.

In the second year, you study human anatomy, physiology and a paper on special topics related to the role of the anaesthetic technician.

In the third year, you study anaesthesia II (anaesthetic equipment, monitoring and fluid administration), anaesthesia III, and anaesthetic technology II.

For more information about which hospitals are a recognised training facility, contact:

The Registrar
NZATS
PO Box 10691
Wellington South
New Zealand
info@nzats.co.nz

Structure

Year 1

775611 Biophysics
775618 Anaesthesia I
775619 Anaesthetic Technology I

Year 2

555201 Human Anatomy and Physiology I
776523 Anaesthesia II

Year 3

776617 Anaesthesia III
777615 Anaesthesia IV
777616 Anaesthetic Technology II

Note:

- To enrol in the Anaesthesia papers, you must be employed in an approved training hospital as an Anaesthetic Technician trainee.
- All papers are offered by distance learning.

Career opportunities

Standard Diploma

Graduates with this broad foundation in science are prepared for science and laboratory work in a variety of industries. Graduates can also progress to a higher level science qualification.

Anaesthetic Technology

Diploma papers provide the theory supporting the practice of anaesthetic technology, and therefore assist students in obtaining anaesthetic technician registration.

Pre-Chiropractic

A pathway to gain entry into chiropractic college and become a registered chiropractor.

Other courses you may be interested in

[Bachelor of Science](#)

[Bachelor of Chiropractic \(New Zealand College of Chiropractic\)](#)

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