

The logo for AUT (Auckland University of Technology) is displayed in a white, bold, sans-serif font with a black outline, set against a black rectangular background.

TE WĀNANGA ARONUI
O TĀMAKI MAKAU RAU

Bachelor of Health Science in Perioperative Practice

A presentation to the New Zealand Private Surgical Hospitals
Association- September 2022

The journey so far

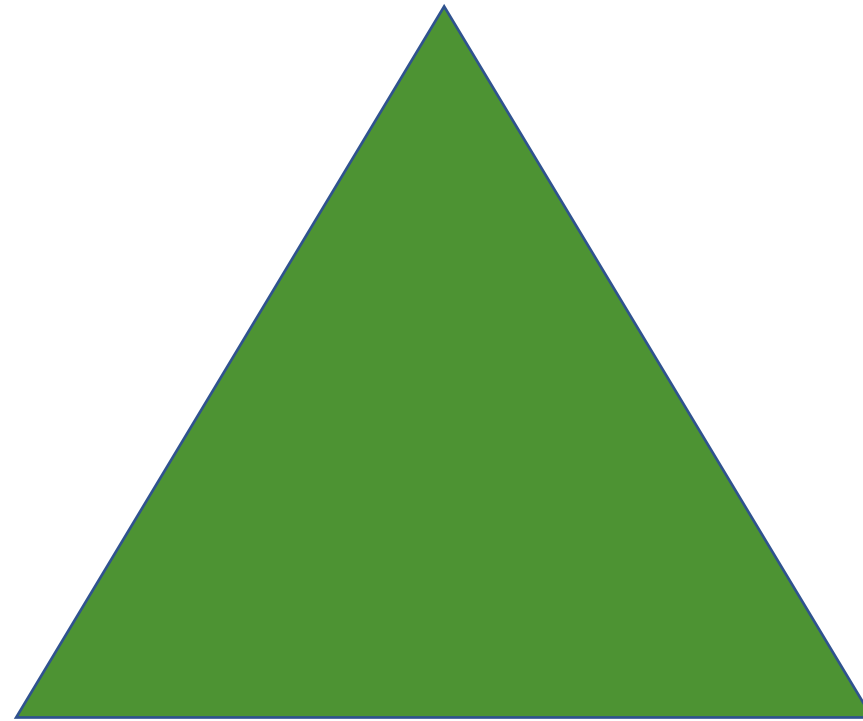
- AUT – only education provider in NZ.
- 2019 - Medical Sciences Council confirm degree minimum qualification.
- 2020 - Transition from School of Science, to School of Clinical Sciences.
- 2021 - Degree proposal approved by Committee on University Academic Programmes (CUAP).
- Sector engagement

Anaesthetic Technician

- Registered health profession under the Health Practitioners Competence Assurance Act 2003.
- Must gain registration with the Medical Sciences Council (Responsible Authority).
- Practise within a Scope of Practice (includes two expanded Scopes of Practice).
- Operating room staff.
- Highly skilled support to anaesthetists & perioperative care.
- Approximately 900 registered ATs in New Zealand.

Impact on perioperative services

Increase in service demand



Workforce crisis

Health care team burnout



DHBs identify opportunities for anaesthetic technicians to undertake expanded practice roles within their scope of practice which adds value to DHBs service provision, to support role development and retention.

Bachelor of Health Science in Perioperative Practice- Degree Pathway

15-point course unless otherwise stated. Each 15-point course represents 150 hours of learning

| Semester 1 | | | | Semester 2 | | | |
|--|--|---|--|---|---|--|--|
| Lifespan development & communication HEAL504 | Human anatomy & physiology I HEAL505 | Knowledge, enquiry & communication HEAL506 | Health & environment OR Hauora Maori & environment HEAL507/MAOH50 | Human anatomy & physiology II HEAL609 | Pathology & Pathophysiology PARA601 | Introduction to anaesthesia & perioperative theory ANAE601 | Introduction to anaesthesia & perioperative practice # ANAE602 |
| Semester 3 | | | | Semester 4 | | | |
| Methods of research & enquiry HEAL610 | Pharmacology for professional practice PHMY701 | Anaesthetic & Perioperative Practice I # (30 points) ANAE603 | | Fundamentals of surgery # ANAE604 | Anaesthetic & Perioperative Practice II # ANAE701 | Haemodynamics in the acute patient # PARA606 | Cardiology PARA706 |
| Semester 5 | | | | Semester 6 | | | |
| Clinical reasoning PARA709 | Intermediate life support # PARA707 | Anaesthetic & Perioperative Practice III # (30 points) ANAE702 | | Health law & policy HLAW701 | Clinical risk reduction PARA704 | Anaesthetic & Perioperative Practice IV # (30 points) ANAE703 | |

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|-------------|--|---|--|
| Key: | Common courses for health profession degrees | Courses shared with the Paramedicine degree | New Perioperative Practice courses # Contains a clinical practice element |
|-------------|--|---|--|



BHSc in Perioperative Practice

Train flexible workforces

Efficient pathways to retrain for registered health professionals.

NZ- Centric programme

Includes online learning options.

Clinical placement

1200 hours

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| Semester 1 | | | Semester 2 | | | |
|---|---|---|--|---|--|---|
| Lifespan development & communication HEAL504 | Human anatomy & physiology I HEAL505 | Health & environment OR Health & environment HEALS06 OR Health & environment HEALS07/MACH50 | Human anatomy & physiology II HEAL509 | Pathology & Pathophysiology PARA601 | Introduction to anaesthesia & perioperative practice theory ANAE601 | Introduction to anaesthesia & perioperative practice # ANAE602 |
| Semester 3 | | | Semester 4 | | | |
| Methods of research & enquiry HEAL510 | Pharmacology for professional practice PHAR701 | Anaesthetic & Perioperative Practice I # (30 points) ANAE605 | Fundamentals of Surgery # ANAE604 | Anaesthetic & Perioperative Practice I # ANAE701 | Haemodynamics in the acute patient # PARA606 | Cardiology PARA706 |
| Semester 5 | | | Semester 6 | | | |
| Clinical reasoning PARA709 | Intermediate life support # PARA707 | Anaesthetic & Perioperative Practice III # (30 points) ANAE702 | Health law & policy HLAW701 | Clinical risk reduction PARA704 | Anaesthetic & Perioperative Practice IV # (30 points) ANAE703 | |

Key: Common courses for health profession degree Courses shared with the Paramedicine degree New Perioperative Practice course # Contains a clinical placement





Higher skilled workforce

Greater graduating numbers



Full Scope of Practice

BENEFITS

TO NZPSHA HOSPITALS

Flexible workforces



Greater inclusivity with education

Workforce diversity





2022 update

- 100+ enrolments during 2022
- No fallow year of graduate during transition
- Placement occurring across Public and Private
- Hospital and region engagement
 - Scholarship enquiries: trish.richardson@aut.ac.nz (Head of Scholarships Office)



FINAL THOUGHTS

Great
Graduates

World-class
health
professionals



Questions

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