



AUT

STUDY PARAMEDICINE



aut.ac.nz/paramedicine

Paramedicine at AUT

At AUT you learn from staff who are practising paramedics, emergency nurses, defence force medics, midwives, medical specialists and emergency management specialists. We focus on practical experience with clinical placements in ambulance services, hospitals, mental health institutions, palliative care and community or primary health centres.

KEY FEATURES

- The only New Zealand university degree in paramedicine
- Includes approximately 1,000 hours of clinical placement
- Meets the requirements to apply for the role of paramedic across Australasian, Canadian and UK ambulance services

At the successful completion of the paramedicine degree you meet the requirements to apply for the paramedic scope of practice.

SKILLS YOU'LL DEVELOP

- Undertake safe, skilled, ethical and legally appropriate pre-hospital emergency care that meets legislative requirements of health professionals.
- Make clinical decisions in a timely, ethical and patient inclusive fashion. Be able to adapt to changes in the patient's condition, taking into account the patient's present condition and circumstances leading to it, their age and autonomy, distance to hospital care and availability of resources.
- Value and respect diverse cultural and professional perspectives and skilled at working with colleagues, sick and injured people, whānau – family members, and the community.
- Able to interpret observations and clinical history, recognise severity and solve problems in new situations. Underpin problem solving with a sound grasp of knowledge and rationale.
- Competent at making decisions in a team setting, working well under pressure, being a role model and fostering optimal performance in teams.
- Knowledgeable in a range of clinical practice, from putting in IVs, to resuscitation, treating shock and injuries, performing emergency procedures and using specialist equipment such as cardiac defibrillators. Demonstrate competency in safety and situation assessment and risk management. Highly knowledgeable about the anatomy and physiology of the human body.

SALARY GUIDE (PER YEAR)

Emergency Medical Technician (EMT)	\$58,000-\$67,000
Paramedic	\$75,000-\$85,000
Intensive Care Paramedic	\$90,000-\$110,000
Extended Care Paramedic (ECP)	\$90,000-\$110,000

The above figures are a guideline and indicative only.





STUDY OPTIONS

DIPLOMA IN PARAMEDIC SCIENCE

120 points Level 6 1 year full-time

The Diploma in Paramedic Science is for students who want a career in pre-hospital emergency healthcare, primarily in the ambulance setting. After completing the Diploma in Paramedic Science you will have successfully met the requirements to apply for the role of an Emergency Medical Technician (EMT). Career opportunities in New Zealand include employment with St John, Wellington Free Ambulance services, the New Zealand Defence Force (NZDF) and other pre-hospital medical providers.

Courses

- Knowledge, Enquiry and Communication (15 points)
- Introduction to Paramedic Practice (15 points)
- Introduction to Paramedic Theory (15 points)
- Human Anatomy & Physiology I (15 points)
- Human Anatomy & Physiology II (15 points)
- Pathology and Pathophysiology (15 points)
- Clinical Practice I (15 points)
- Clinical Practice II (15 points)

BACHELOR OF HEALTH SCIENCE IN PARAMEDICINE

360 points Level 7 3 years full-time¹

YEAR 1 - SEMESTER 1

Lifespan Development & Communication HEAL504 (15pts)	Human Anatomy & Physiology I HEAL505 (15pts)	Knowledge, Enquiry & Communication HEAL506 (15pts)	Health & Environment HEAL507 (15pts) OR Māori Health, Development & Environment MAOH501 (15pts)
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YEAR 1 - SEMESTER 2

Human Anatomy & Physiology II HEAL609 (15pts)	Pathology and Pathophysiology PARA601 (15pts)	Introduction to Paramedic Practice PARA609 (15pts)	Introduction to Paramedic Theory PARA610 (15pts)
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YEAR 2 - SEMESTER 3

Methods of Research & Enquiry HEAL610 (15pts)	Clinical Assessment & Diagnostics PARA603 (15pts)	Clinical Practice I PARA604 (15pts)	Clinical Practice II PARA605 (15pts)
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YEAR 2 - SEMESTER 4

Pharmacology for Professional Practice PHMY701 (15pts)	Ambulance Operations PARA702 (15pts)	Cardiology PARA706 (15pts)	Haemodynamics in the Acute Patient PARA606 (15pts)
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YEAR 3 - SEMESTER 5

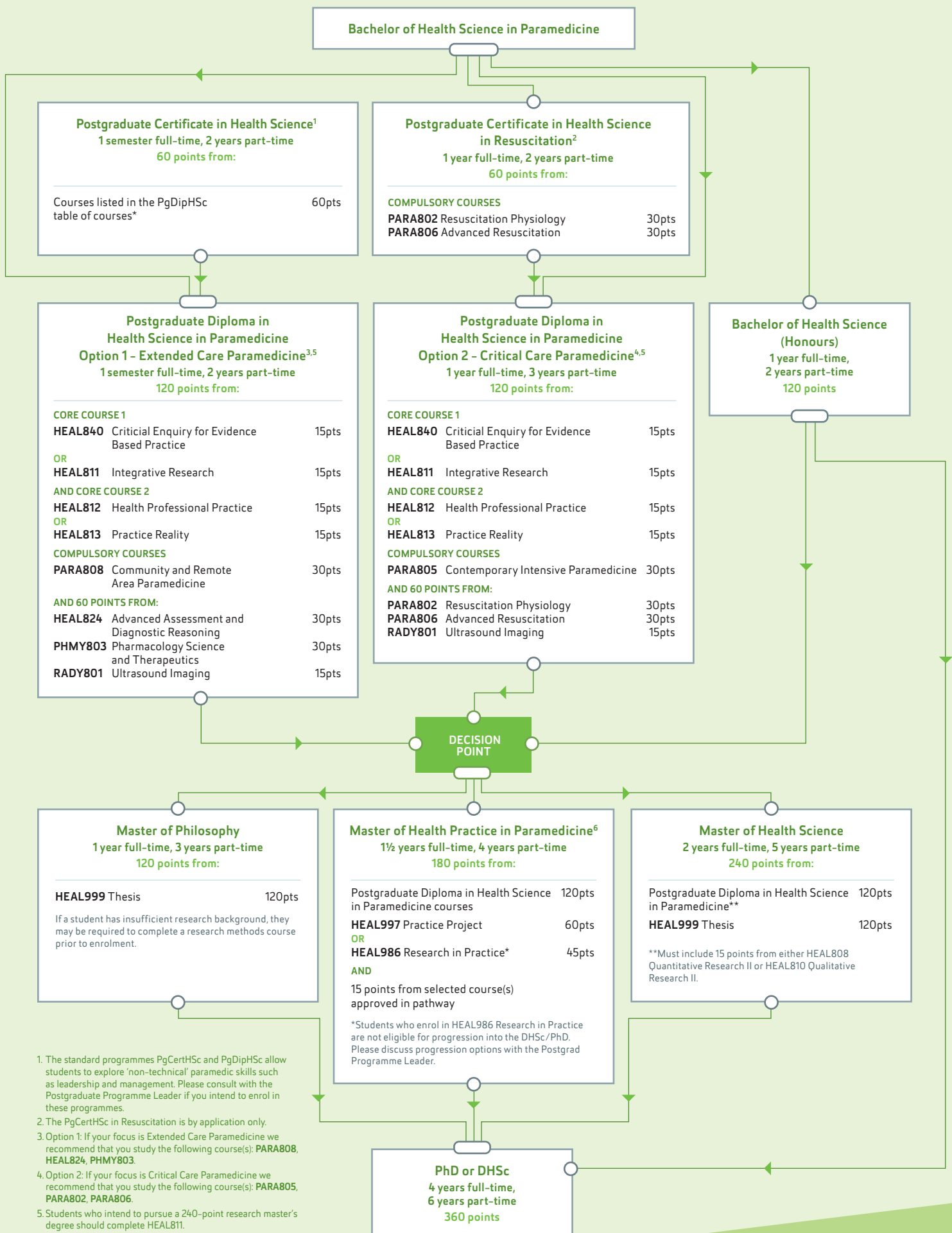
Health Law & Policy HLAW701 (15pts)	Intermediate Life Support PARA707 (15pts)	Paramedic Primary Health Care PARA705 (15pts)	Paramedic Theory & Management PARA708 (15pts)
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YEAR 3 - SEMESTER 6

Clinical Risk Management PARA704 (15pts)	Applied Mental Health & Wellbeing PARA701 (15pts)	Clinical Reasoning PARA709 (15pts)	Integrated Clinical Practice PARA703 (15pts)
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1. Applicants who hold ambulance, nursing or military medicine qualifications may qualify for Recognition of Prior Learning and a part-time study pathway.

POSTGRADUATE STUDY PROGRESSION



1. The standard programmes PgCertHSc and PgDipHSc allow students to explore 'non-technical' paramedic skills such as leadership and management. Please consult with the Postgraduate Programme Leader if you intend to enrol in these programmes.
2. The PgCertHSc in Resuscitation is by application only.
3. Option 1: If your focus is Extended Care Paramedicine we recommend that you study the following course(s): **PARA808, HEAL824, PHMY803**.
4. Option 2: If your focus is Critical Care Paramedicine we recommend that you study the following course(s): **PARA805, PARA802, PARA806**.
5. Students who intend to pursue a 240-point research master's degree should complete HEAL811.
6. The MHPPrac in paramedicine does not necessarily allow progression to doctoral studies.

Sam Lindsay

Bachelor of Health Science in Paramedicine

Paramedic, South Western Ambulance Service NHS Foundation, Bristol, United Kingdom

"I really enjoy the unpredictability of my job. I work as a paramedic in a busy metropolitan area, responding to 999 calls. I can be called to a wide range of medical and traumatic emergencies, while also playing a key role in managing and referring less urgent patients, so they can get treatment in the community rather than the hospital. Further to this I'm also a mentor to university paramedicine students who regularly come out on shift with me.

"AUT has a great state-of-the art simulation suite with real-life manikins and top-end medical equipment for students to test their skills. I took full advantage of this and would often spend hours practising with my fellow students. As part of the degree, we also completed lots of placement hours in a range of environments including ambulances, hospitals and primary care facilities."



Zoe Farmer

Bachelor of Health Science in Paramedicine

Paramedic, South Western Ambulance Service NHS Foundation Trust, Bournemouth, United Kingdom

"We often act as the public's first point of access to healthcare, providing emotional, as well as physical and medical support. The job often requires you to restore a patient's dignity and self-worth as much as administer any life-saving treatment. You work long hours and make personal sacrifices to provide a service that responds 24/7, 365 days a year to those in need. But simple gestures like a smile, a thank you or a hug from those you help make it all worthwhile.

"The paramedicine staff at AUT went above and beyond to create the best possible learning environment. The lecturers all combined their roles at AUT with their roles as frontline paramedics. With their wealth of practical knowledge and industry experience, you're taught by the paramedics of today to become the paramedics of tomorrow."



TOP  **1%**
UNIVERSITIES
WORLDWIDE



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housed in brand new
facilities with industry
standard equipment



The only New Zealand
university degree in
paramedicine

#1 IN NEW ZEALAND
FOR
HEALTH
SUBJECTS



EMPLOYABILITY
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Nationally and
internationally
recognised lecturers

AUT

SOUTH CAMPUS
640 Great South Road, Manukau, Auckland

MORE INFORMATION:

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APPLY:

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