STUDY AREA

HEALTH AND MEDICAL SERVICES

WHERE WILL NEW TAKE YOU?
Sometimes new can be a chance to improve, extend or save a life. And it requires brave people to do it. With Australia’s ageing population and increasing rates of chronic disease, combined with growing awareness of the benefits of a healthy lifestyle, the world needs new health professionals to provide life-changing preventative and restorative treatments. There’s a wide range of dynamic and interesting professions to choose from including medicine, nursing and pharmacy, specialised services like radiography, food and nutrition, physiotherapy and podiatry, or lab-based activity like medical research. The opportunities are endless for any graduate in this field.

**TOP 3**
in Australia for cognitive sciences\(^1\)

**TOP 10**
in Australia for biomedical and health sciences\(^2\)

**TOP 100**
in Australia for anatomy and sport\(^3\)

**TOP 150**
in Australia for medicine and psychology\(^3\)

**ERA 5**
well above world standard for human movement and sport science, nutrition and dietetics, pharmaceutical and health and medical research\(^1\)

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1 Excellence in Research 2015
2 CWTS Leiden Ranking 2016
3 QS World Rankings by Subject 2018

newcastle.edu.au/study/health-and-medical-services
NEW ADVANCES

New is taking local sport research to the global stage. For Bachelor of Exercise and Sport Science graduate Tye, more than 15 years as a basketballer is being put into practice through his PhD studies. Tye’s research uses GPS technology to map the demands placed on the body during a basketball game. This new information is giving coaches an edge when it comes to coaching, player development and injury management. And, with an internationally funded grant from the NBA and GE Healthcare, Tye’s research won’t just help Australia’s elite athletes, it will have a global impact. Alongside his studies, Tye founded startup Triple Double Performance – helping local junior athletes decrease the risks of early onset injuries. For Tye, the opportunity to change someone’s life for the better – whether it be a little or a lot – is a slam dunk.

Tye
Bachelor of Exercise and Sport Science, 2014
NEW LIFESTYLE
Our coastline is world famous. Enjoying downtime at Newcastle’s pristine beaches and three coastal baths is made easy with long stretches of uncrowded sand, accessible public transport, and plenty of free parking. A creative hub, Newcastle is home to the bright ideas of countless innovators and entrepreneurs. Enjoy a dynamic art and music scene, chilled-out cafes, eclectic markets, micro-breweries and small bars. The people are friendly, the beaches are picture perfect and the coffee culture is taken seriously.

WHERE TO STUDY
Our Newcastle campus (Callaghan) is a central hub for Science, Technology, Engineering, Mathematics and Medicine (STEMM). Hone your skills in our purpose built $17.3 million multi-storey medical science precinct and take advantage of strong connections with leading medical institutions like the John Hunter Hospital.

Perfectly situated between Sydney and Newcastle, our Central Coast (Ourimbah) campus is a health hub offering specialised degrees, excellent student support services and a proposed new medical training centre. Likewise, our Port Macquarie campus offers excellence in education and strong industry partnerships in one of the region’s best research and training facilities.

ACCOMMODATION
While the thought of moving away from your home town to study might seem daunting, we’re here to make this transition as easy as possible. We offer students secure, affordable and comfortable accommodation while studying.

YOUR PATHWAYS
We are proud to be the largest provider of enabling programs in Australia.

If you do not have the qualifications required for direct entry, we offer you the opportunity to access university studies, regardless of your background or level of previous education. The programs are offered free of charge and upon successful completion, you’re guaranteed entry to selected undergraduate degrees at the University of Newcastle.

• Newstep - aged 18-20 years
  If you were unable to complete Year 12 due to adverse circumstances or missed the chance to get the marks needed for university entry, our Newstep program offers another pathway for you.

• Open Foundation - aged 20 years+
  If you are seeking a new career direction, considering attending university after time in the workforce or looking to further pursue your interests, our Open Foundation program can help make this happen.

• Yapug - Aboriginal and Torres Strait Islander Students
  Yapug is a pathway program designed to help Aboriginal and Torres Strait Islander people gain skills for entry into undergraduate degrees.

newcastle.edu.au/enabling

newcastle.edu.au/study/health-and-medical-services
STUDENT JOURNEY

Your journey as a university student begins the minute you gain entry into a degree program.

Whether you choose to go directly into the workforce once you complete your bachelor (or undergraduate) degree, or continue studying is up to you. The options available to continue studying are vast. Even if you decide to take a break from studying, you can always come back if you would like to specialise in a new area, learn more, or refine a specific skill set.

Upon completion of your bachelor degree, you may wish to further your study with Honours - an additional year of study dedicated to research on a specific area of interest. Honours programs are highly regarded, they can enhance career prospects and prepare you for a Higher Research Degree. Your next step in studying may include earning a Master of Philosophy or a Doctor of Philosophy (PhD) in your area of choice. In doing so, you will open up incredible opportunities to advance your career, champion breakthrough discoveries and solve the world’s greatest challenges.

Additional coursework (non-research) prospects are also available after completing your bachelor degree. The University of Newcastle offers over 70 postgraduate degree options to expand your career options and follow a path with the potential to make a global impact in your field of choice.

STUDY ABROAD

Are you adventurous? Keen to see the world and continue your studies at the same time?

Studying overseas is an experience that will stay with you forever. It’s a chance to open up your world, expand your academic horizons and connect with people from around the globe. Whether it be a semester exchange, a short course or even an internship, there is an overseas experience out there to suit everyone.

newcastle.edu.au/studyoverseas

SCHOLARSHIPS

Through our scholarship programs, we are able to open up a world of possibility for those who might have all the talent in the world, but sometimes lack the opportunity to develop and explore it.

Our scholarship programs provide:

- scholarships for academic achievement
- support for individuals with financial hardship and educational disadvantage
- support for Indigenous students
- opportunities to travel, perform, play sport, relocate, or gain global experience

Many of our scholarships have been created as a result of generous philanthropic donations to the University of Newcastle, from individuals and organisations who share our belief that everyone with talent and dedication deserves the chance to pursue their dreams.

newcastle.edu.au/scholarships

MA & MORLEY SCHOLARSHIP PROGRAM

Liam is a Biripi man with great respect and pride for his cultural traditions and knowledge.

He believes everyone deserves an opportunity to succeed, regardless of their circumstances. And whether it’s helping older people to use new technologies or assisting others in need, Liam believes in setting a positive example for his younger siblings and family. He knows his actions can inspire change. Liam is currently undertaking a Bachelor of Biomedical Science and is interested in pursuing a career in medicine. As a Ma & Morley scholar, Liam is looking forward to meeting others involved in the program, forging personal connections and experiencing the breadth of other opportunities the scholarship provides.

Liam
Bachelor of Biomedical Science
Ma & Morley Scholar

YEAR 12 SUBJECT SPOTLIGHT EARLY ENTRY PROGRAM

We believe that your ATAR doesn’t define who you are – it is your unique passions, abilities and ambitions that matter. Our Year 12 Subject Spotlight program rewards you with an early offer for your hard work and strong results in individual subjects related to your degree. So, you can take some of the stress out of your final school exams, knowing your ATAR isn’t all that matters. There is no separate application for the program – simply apply through UAC to qualify.

You can find more information on subjects aligned to specific degrees online.

newcastle.edu.au/subject-spotlight
Biomedical science graduates have the knowledge and skills to impact the global advancement of medical research practice and policy.

With three unique pathways, your degree can be tailored to your career aspirations. As a medical researcher, you can build a fascinating career in scientific research, helping to develop life-saving advancements against disease. Contribute to science and innovation in education, industry or commerce using groundbreaking medical innovations to solve real-world problems. Gain a solid foundation for your career as a health practitioner with enhanced research capability.
NEW MOTIVATES

For Associate Professor Chris Dayas, new means finding better outcomes for those suffering from conditions like drug addiction and depression. A neuroscientist, Associate Professor Dayas is proving – and sometimes disproving – ideas about the brain's structure, and its influence on motivation and emotion. After undertaking his postdoctoral training at the world-renowned Scripps Research Institute in California, Chris joined the University of Newcastle’s School of Biomedical Sciences and Pharmacy in 2007. He’s currently working with national and international researchers from UNSW, and Hotchkiss Brain Institute in Canada, to investigate how the brain’s hypothalamus controls motivation. This research aims to understand brain pathways in health and disease, and ultimately discover better, more effective therapies. How might Associate Professor Dayas motivate you?

Associate Professor Chris Dayas
School of Biomedical Sciences and Pharmacy (Anatomy)
The western world is facing a new wave of health problems and chronic diseases due to inactivity and poor lifestyle habits. At the same time, elite sports are more popular than ever. Exercise and sport science is an inspiring and rapidly evolving field. You could find yourself leading a team of research scientists to discover a new link between brain function and diet, or developing a new format of exercise that produces greater results. At the University of Newcastle, we have a globally-recognised approach to the study of exercise and sport science encompassing all aspects of physical health.

**REAL-WORD EXPERIENCE**

Our students gain valuable work experience in the sport and fitness industry through our professional placement program.

Along with placements in clinics and hospitals, we also have strong ties with the Central Coast Mariners Football Club, the Newcastle Jets Football Club and the Newcastle Knights to ensure interesting and dynamic placement opportunities.
STUART’S STORY

Bachelor of Exercise and Sport Science graduate Stuart is passionate about keeping elite athletes at the top of their game. Stuart says studying at the University’s Central Coast (Ourimbah) campus meant it was easy to connect with a supportive network of lecturers, tutors and fellow students. The University’s strong relationships with professional sporting organisations also allowed Stuart to gain valuable real-world experience, monitoring athlete workload and predicting injury patterns for the Newcastle Jets and the Newcastle Knights. During his degree, Stuart also had the opportunity to assist the Australian Olympic sailing team with data analysis as they prepared for the 2016 Olympic Games in Rio de Janeiro. He even travelled to the Australian Institute of Sport in Canberra to assist in data collection as part of a University grant from the NBA. Since graduating, Stuart has been kicking goals as a Sport Science Assistant for the Newcastle Jets.

Stuart
Bachelor of Exercise and Sport Science, 2016
As an increasingly health-conscious society drives change, the speciality areas of food science and human nutrition require people with a passion for innovative thinking.

As a food scientist, you could work to develop new food products before they hit the consumer shelf, ensuring the foods we eat are more nutritionally balanced, safe to consume and desirable to purchase.

Keep up-to-date on the latest scientific developments and be equipped with the specialist knowledge and skills needed for a successful career in the food science, health and nutrition industries.

2018 SELECTION RANK
61.65 | Median 70.65

COMBINE THIS DEGREE WITH
• Bachelor of Business

CAREER EXAMPLES
• Food Scientist, Technologist or Chemist
• Flavourist
• Health Promotion Officer
• Nutrition Professional
• Quality Assurance Technician
• Catering Manager

REAL-WORD EXPERIENCE
Offered from our Central Coast campus, you will train in a test kitchen sponsored by Sara Lee Australia.

This is an essential part of the product development process, where you can initiate and test product concepts and learn how it’s done in the industry. There are also opportunities for work placements and field trips to give you a competitive edge.
KIMBERLEY’S STORY

Kimberley was keen to study nutrition, so she applied to undertake a Bachelor of Food Science and Human Nutrition, with the idea of transferring degrees after her first year if it wasn’t for her. But, as it turned out, Kimberley was fascinated by what she was studying. With great employment prospects ahead, she decided to continue on. Her decision paid off. The real-world, practical experience gained throughout her degree gave Kimberley the edge when it came to finding work. She’s currently leading a successful career in the Research and Development team for Mars on the Central Coast.

Kimberley
Bachelor of Food Science and Human Nutrition, 2018
Proud member of our Alumni community
Medical imaging and radiation therapy are rapidly evolving fields used to diagnose and treat disease to improve patient health. From the emergency room and operating theatre, to cancer treatment and nuclear medicine, your skills can be utilised in a number of different areas.

The University of Newcastle offers degrees in three unique professional areas through the Bachelor of Medical Radiation Science (Honours) – Diagnostic Radiography, Nuclear Medicine and Radiation Therapy.
WHICH ONE IS FOR ME?

DIAGNOSTIC RADIOGRAPHY
Diagnostic radiographers are trained to operate a wide range of advanced imaging equipment from x-ray and ultrasound, to magnetic resonance imaging (MRI) and computed tomography (CT). These are used to help diagnose and monitor injury and illness, manage patient health and improve lives. Radiographers are employed in public and private practice, working across a range of clinical studies or specialist areas including imaging modality.

NUCLEAR MEDICINE
As a nuclear medicine graduate you will use radioactive substances and specialised imaging equipment to diagnose and treat diseases. Radioisotopes are typically injected into the bloodstream of a patient, traveling to the affected area to create images of the function and anatomy of the body. These images can help diagnose life-threatening diseases such as cancer, bone infections, tumours, heart disease, blood clots and inadequately functioning organs.

RADIATION THERAPY
Radiation therapy is a mainstream cancer treatment, which uses a wide range of technology to image, target and destroy cancer cells. As a radiation therapist you will work to design and deliver a course of treatment to suit a patient’s needs. Working closely with patients, radiation therapists are also required to provide a level of support to assist patients through difficult times.
BACHELOR OF
MEDICAL RADIATION
SCIENCE (HONOURS)
(DIAGNOSTIC RADIOGRAPHY)
newcastle.edu.au/study/health-and-medical-services

Diagnostic radiography is an important first step to diagnosing, treating and managing injuries and disease.

You will learn how to use sophisticated technology to create medical images and analyse and manage patient health. You may find yourself working in dynamic settings such as an emergency ward, performing time-sensitive tests to diagnose and save a life – or an operating theatre, finding the exact location of a bleed to avoid a blood clot. The medical images you produce will allow accurate diagnosis and play a vital role in improving community health.

REAL-WORLD EXPERIENCE

You will complete 42 weeks of mentored professional placement in a metropolitan, regional and rural setting. You will also have access to the latest diagnostic radiography technologies on campus.

2018 SELECTION RANK
87.05 | Median 94.70

CAREER EXAMPLES
• Diagnostic Radiographer
• Cardiac Technologist
• Chief Radiographer
• Sonographer
• Echocardiography Technologist
• Medical Technician
NEW ADVOCATES

With more than 30 years as a radiographer under his belt, University of Newcastle Lecturer John Tessier understands the importance of including practical experience into study. An advocate for the University’s Work Integrated Learning (WIL) program, Mr Tessier highlights the undeniable need for professional placement as part of undergraduate learning in diagnostic radiography.

“Work integrated learning provides a checkpoint not only for teachers and supervisors out in the field, but it also offers students a chance for them to make sure they are on the right track.”

“This is a very practical profession and with placements included in every semester, students have the opportunity to interact with patients, test out a range of different skills and bridge the theory-practice gap early on.”

In an ever-evolving field, John continues to support students in their professional development through ongoing practical learning.

Mr John Tessier
Lecturer,
School of Health Sciences
Faculty of Health and Medicine
The University of Newcastle is Australia’s largest nuclear medicine science trainer.

As a nuclear medicine scientist, you will use radioactive substances to diagnose, treat and prevent disease. Nuclear medicine scientists provide support to a wide range of patients, from professional athletes with sports injuries, to young children and the elderly with cancer. Nuclear medicine is a rewarding and challenging career, giving patients the best chance of living a full and healthy life.

2018 SELECTION RANK
73.65 | Median 81.48

CAREER EXAMPLES
- Nuclear Medicine Technologist
- Echocardiography Technologist
- Medical Technician
- Research Scientist
- Technical Writer

REAL-WORLD EXPERIENCE
You will complete 42 weeks of clinical placement, supervised and mentored by qualified nuclear medicine scientists in both public and private practices, locally or across Australia. You will also have the opportunity to hone your skills in our $1.5 million on-campus radiopharmacy laboratory – the largest of its kind in the southern hemisphere.
Natasha’s Story

With a desire to find a degree in health that incorporated biology and the human body, Natasha found her calling in a Bachelor of Medical Radiation Science (Honours) (Nuclear Medicine). From her first year of study, Natasha knew she was on the right path – having the opportunity to get hands-on experience through clinical placement from the very start. Thanks to the University’s strong industry connections with public and private hospitals, rural and metropolitan clinics and private practices, she is able to use her classroom theory in real-world situations. Practical experience has allowed Natasha to discover what kind of work she enjoys most and provided direction for the type of career she hopes to pursue after graduation. Upon completion of her degree, Natasha’s goal is to pursue a career as a Nuclear Medicine Technologist, using medical imaging to diagnose and treat injuries and diseases.

Natasha
Bachelor of Medical Radiation Science (Honours) (Nuclear Medicine)
Radiation therapy uses sophisticated radiation technology to target, shrink and destroy cancer cells.

The University of Newcastle is the largest radiation therapy trainer and our graduates are sought after worldwide. As a radiation therapist, you will be involved in the planning and implementation of radiation treatments. You will work closely with cancer patients and doctors to ensure quality of life outcomes. Studying radiation therapy at the University of Newcastle will set you on a path to make your mark on the world.

**REAL-WORLD EXPERIENCE**
You will complete 42 weeks of a mentored professional placement in metropolitan, regional and rural settings. You'll also have access to world-class facilities like our 3D radiation therapy simulation laboratory, the first of its kind in Australia.
It’s no surprise that radiation therapy is widely used in hospitals and health service departments. Now, thanks to the innovative work of radiation therapist Dr Yolanda Surjan, it won’t be long before it’s a common feature of veterinary clinics too. Dr Surjan’s PhD project aims to clarify the current state of veterinary radiation therapy and was triggered following discussions with a local vet already using the treatment method. Dr Surjan has established a clinical trial investigating the application of radiation therapy on skin tumours in horses. She aims to improve understanding and training practices so that radiation therapy can be safely embedded into routine veterinary practise.

Dr Yolanda Surjan
Senior Lecturer,
School of Health Sciences
(Radiation Therapy)
The demand for Bachelor of Nutrition and Dietetics (Honours) graduates is growing as diet and nutrition-related diseases – such as heart disease, diabetes and obesity – become increasingly common worldwide.

As a student, you will have access to world-class researchers and educators, and will learn how to use the latest evidence to manage patient health and discover the powerful science of human nutrition. A career in nutrition and dietetics is immensely rewarding. You can help people understand how nutrition and health are intertwined, prevent disease, and improve overall health in your community and worldwide.

2018 SELECTION RANK
77.20 | Median 88.23

CAREER EXAMPLES
- Dietitian
- Diabetes Educator
- Health Promotion Officer
- Nutritionist
- Sports Dietitian

ACCREDITATION
Graduates are eligible to apply for registration with Dietitians Association of Australia as an Accredited Practising Dietitian.

REAL-WORLD EXPERIENCE
You will complete professional placements and obtain more than 800 hours of supervised professional practice in a variety of settings across NSW and interstate including hospitals, outpatient clinics and community health centres. You’ll also have the option to complete your final year through the Rural Immersion Program, run at the contemporary $19.4 million Tamworth Education Centre.
NEW EMPOWERS

Professor Clare Collins is empowering a new generation to make healthier food choices. As the leader of the largest group of Accredited Practising Dietitian (APD) researchers in Australia, and deputy director of the University of Newcastle’s Priority Research Centre for Physical Activity and Nutrition, Professor Collins is at the forefront of the fight to combat unhealthy eating culture and the chronic health problems it triggers. She is the project lead in the development of the nib foundation multi-year partnership project Nutrition For You (Nu4U) – which will offer personalised nutrition advice for 18 to 34-year-olds, via the web. Professor Collins is also leading a study testing the impact of dietary approaches to relieve or improve migraines.

Professor Clare Collins
NHMRC Senior Research Fellow, Gladys M Brawn Senior Research Fellow
Our Bachelor of Occupational Therapy (Honours) graduates work worldwide – helping people and communities overcome unique challenges to get the most out of everyday life.

The work of an occupational therapist is incredibly broad. You might help children reach developmental milestones or manage their disability. You could assist older patients to return to their daily lives after a stroke or hip replacement, or help people return to work following an accident.

2018 SELECTION RANK
85.40 | Median 93.50

CAREER EXAMPLES
• Occupational Therapist
• Exercise Rehabilitation
• Injury Management Advisor
• Lifestyle Coordinator
• Rehabilitation Consultant

ACCREDITATION
Graduates will be eligible to apply for registration with Occupational Therapy Board of Australia (OTB) under the Australian Health Practitioner Regulation Agency (AHPRA).

REAL-WORD EXPERIENCE
During your studies you will complete more than 1,000 hours of professional practice and be mentored and supervised by qualified occupational therapy practice educators. Students have the option to complete placement with the University’s Rural Health Departments in Coffs Harbour, Tamworth, or Port Macquarie. You will have access to interactive, technology-based learning facilities including our specially designed clinical skills laboratory, complete with a modified home and a virtual house and playground.
After completing a Bachelor of Occupational Therapy, Joel combined his love of surfing with his experience working in hospitals to create the Waves of Wellness Foundation – a mental health charity promoting wellness through surf therapy. The charity helps teach people how to surf, as a coping strategy for dealing with mental health issues. Joel’s focus is supporting those faced with mental health challenges. People close to Joel have struggled with their mental health at different stages, and he is passionate about how it’s approached and treated. Joel is tackling mental health in new and exciting ways, so that people who are struggling don’t ever have to go it alone. Perhaps you could too?

Joel
Bachelor of Occupational Therapy, 2011
Proud member of our Alumni community
As an oral health therapist, you will work closely with dental practitioners to provide a range of preventative and restorative services like cleaning, scaling, polishing and x-rays.

This degree is the only one in NSW that provides dual qualifications in dental hygiene and dental therapy, qualifying you to treat both children and adults. Use your unique skills to make a real difference and shape a healthier future.

Our graduates have great job prospects with 97 per cent securing work within four months of finishing their degree. With dual qualifications in dental hygiene and dental therapy, many University of Newcastle graduates are quickly employed.
Jacqueline’s Story

Bachelor of Oral Health Therapy graduate Jacqueline is helping improve health outcomes in Indigenous communities. During her studies, Jacqueline completed a clinical placement at the University’s oral health van at the Ungooroo site in Singleton – offering services twice weekly to Ungooroo children aged one to 18. Not only did Jacqueline’s contribution help fill a gap in dental health services for the local community, it improved her ability to think practically and interact with patients. Now graduated, Jacqueline is continuing to serve communities in need, working as an Oral Health Therapist for Walgett Aboriginal Medical Service.

Jacqueline
Bachelor of Oral Health Therapy, 2017
Proud member of our Alumni community
Pharmacists play an integral role in the provision of healthcare services.

As a pharmacist, you will be on the industry frontline – counselling people on the best use and management of medications, providing advice on the symptoms and management of common ailments, preparing and formulating medications, and educating the community on a wide range of health and wellbeing matters.

You will develop an extensive knowledge of the essential sciences, pharmacotherapeutics and pharmaceutical sciences that are required to practice as a pharmacist.

2018 SELECTION RANK
72.00 | Median 86.45

CAREER EXAMPLES
• Community Pharmacist
• Hospital Pharmacist
• Industrial Pharmacist
• Researcher
• Pharmaceutical Policy Officer

ACCREDITATION
Graduates are eligible to apply for registration with the Pharmacy Board of Australia under the Australian Health Practitioner Regulation Agency (AHPRA) following completion of a one-year internship. This degree is also accredited by the Australian Pharmacy Council.

REAL-WORLD EXPERIENCE
You will undertake over 420 hours of clinical placement in a variety of settings both locally and nationally. This will include community and aged care facilities, hospitals, and rural pharmacies.
Chair of Clinical Pharmacology Professor Jennifer Martin is investigating the use of medical cannabis for terminally ill adult cancer patients. Professor Martin and her team are leading the pharmacology aspect of a NSW Government study that aims to significantly improve the wellbeing of terminal patients at the end of life. The trial will assess the ability of cannabis to relieve symptoms including fatigue, low appetite, altered taste and smell for food, low mood, weight loss, nausea, insomnia and pain relief. Professor Martin and her team have also been awarded $1.96 million in Cancer Council NSW research funding to develop a personalised chemotherapy dosing system for cancer patients to improve quality of life, reduce side effects and increase chance of survival.

Professor Jennifer Martin
Chair of Clinical Pharmacology, School of Medicine and Public Health
Bachelor of Physiotherapy graduates work with people of all ages to help patients overcome injuries and disabilities that hinder their mobility and quality of life.

You will learn to use a variety of treatment programs including exercise, joint and soft tissue mobilisation, respiratory exercises, and assistance with aids. You might find yourself assisting an elderly patient's stroke rehabilitation, developing a new aid that greatly improves the quality of life for a child with a movement disorder or devising a treatment program for a professional sports player in the management of an injury.

**REAL-WORD EXPERIENCE**

You will complete a number of clinical placements, supervised by qualified physiotherapists.

This will be conducted in both public and private sectors across community health centres, hospital outpatient clinics, hospital wards, private practices and rehabilitation units. You’ll have access to our $17.3 million multi-storey medical services precinct and may also have the opportunity to complete placement overseas.
CONNOR’S STORY

Bachelor of Physiotherapy (Honours) graduate Connor isn’t interested in a quick fix. He’s focused on changing attitudes and making lives better – now and long into the future. After gaining practical experience at the John Hunter Hospital during his degree, Connor was offered a position in the hospital’s graduate program. He leapt in feet first – embracing all aspects of physiotherapy, with a particular focus on outpatient musculoskeletal practice.

From there, Connor made the transition to private practice. Identifying a gap in the market, he launched his own business Physio2U, specialising in mobile post-operative care for patients in their own home. After 18 months, ready for the next challenge, Connor sold his thriving business, and currently leads a team of clinicians in the NSW Police Force Reconditioning Program. Connor says developing an innovative and holistic approach to injury management and health for such a large organisation has been truly inspiring. He’s proof that a career in physiotherapy doesn’t fit neatly into one box. What might it look like for you?

Connor
Bachelor of Physiotherapy (Honours), 2012
This three-year accelerated Bachelor of Podiatry is one of the only in Australia – getting you career-ready faster than your peers.

As a podiatrist, you will help patients get back on their feet by diagnosing, treating and preventing lower leg and foot abnormalities and promoting good health. You could find yourself correcting sports injuries, addressing developmental issues in children or helping restore a person’s independence and mobility. University of Newcastle podiatry graduates are highly employable thanks to our world-class podiatry clinic.

**REAL-WORD EXPERIENCE**
Podiatry students complete more than 1,000 hours of practical experience and work alongside experienced podiatrists. Our state-of-the-art teaching facilities include orthoses, clinical skills and research laboratories. We also have the only university-run clinic in Australia where students are given opportunities to learn and practice on real patients at Wyong Hospital.

**2018 SELECTION RANK**
73.00 | Median 83.35

**CAREER EXAMPLES**
- Podiatrist
- Health Promotion Officer
- Podiatric Surgeon
- Orthotist
- Prosthetist

**ACCREDITATION**
Graduates are eligible to apply for registration with Wellbeing Registration Board of Australia under the Australian Health Practitioner Regulation Agency (AHPRA). This degree is also accredited by the Australia and New Zealand Podiatry Accreditation Council.
NEW INVESTIGATES

A leader and innovator, Dr Andrea Coda’s work in the field of podiatry is improving the lives of professional athletes and children alike. As part of his PhD study, Dr Coda investigated the clinical effectiveness of foot orthoses on patients diagnosed with Juvenile Idiopathic Arthritis (JIA). Always one to embrace new technologies, Dr Coda took his research into the digital world - collaborating on the design of a new app that evaluates pain progression in children and adults. Soon to be introduced as part of a paediatric rheumatology trial at the John Hunter Children’s Hospital and the Sydney Children’s Hospital Network, the app will gauge the pain levels in children diagnosed with JIA. Dr Coda has also been actively involved in developing new, cost-effective and non-invasive treatment options in the fields of diabetes and symptomatic hypermobility. As Lecturer at the University of Newcastle, Dr Coda is empowering the next generation of podiatrists to embrace new thinking and make a lasting impact.

Dr Andrea Coda
Lecturer,
School of Health Sciences
Psychological science is a fascinating area which examines the cause of human behaviour. This understanding is then used to solve practical problems that will positively impact the lives of others. The need for psychology expertise is growing in popularity, with demand for psychologists predicted to increase by 140 per cent over the next 10 years. This degree is the first step towards becoming a professional psychologist, and can also be applied in a broad range of industry sectors – enabling you to choose the career path that's right for you.

This degree includes a pre-professional strand of courses each year, which will help you develop workplace skills. You will have access to psychology labs to enhance your practical skills and theoretical studies.

WAYS OF TEACHING AND LEARNING

Work-Integrated Learning (WIL) programs allow students to gain experience in a working research lab. Postgraduate pathways are available for graduates of this degree including a Master of Business Psychology, Master of Clinical Psychology and other higher degrees related to psychology.

2018 SELECTION RANK

61.35 | Median 75.85

CAREER EXAMPLES

• Practicing Psychologist
• Case Worker
• Mediator
• Careers Counsellor
• Market Researcher
• Juvenile Justice Officer

ACCREDITATION

This program is accredited by the Australian Psychology Accreditation Council and recognised by the Psychology Board of Australia and the Australian Psychological Society (APS).
Rachel’s passion for helping people is underpinned by her belief that small acts make a big impact. Since childhood, she has dedicated her weekends to giving back to the community. Many years in the Scouts provided countless opportunities to help others, before taking up several volunteer leadership positions. More recently, Rachel has provided vital support to her community through surf lifesaving. Currently studying Psychological Science, Rachel aims to continue to serve her community in the future as a psychologist working with teenagers and young adults. A globally-aware and socially conscious leader, she is one of the inaugural cohort of Ma & Morley Scholars.

Rachel
Bachelor of Psychological Science
Ma and Morely Scholar
Speech pathologists are allied health professionals responsible for the assessment and treatment of children and adults with communication and swallowing disorders.

Speech Pathology is used across a range of practice areas including speech, language, voice, fluency, swallowing and multimodal communication.

When you undertake a Bachelor of Speech Pathology (Honours) at the University of Newcastle, you will have the opportunity to study with award-winning researchers and gain an understanding of the profession through substantial clinical experience.

The Bachelor of Speech Pathology (Honours) also offers the opportunity to complete a fourth-year International Stream or Graded Honours option. The International Stream provides clinical placement with our partners in countries like Vietnam, Fiji, Nepal, China and Singapore to explore different cultural understandings and speech pathology practices in developed and developing countries. Graded Honours enables a direct pathway to further study with the development and conduct of a major research project under the supervision of a speech pathology academic.

2018 SELECTION RANK
79.80 | Median 87.80

CAREER
Diverse work opportunities exist in hospitals, community health centres, schools, private practice and aged care facilities. As well as working as a speech pathologist, there are opportunities for graduates to work in other related roles in health promotion, research and health services.

ACCREDITATION
Accredited by Speech Pathology Australia. Accreditation is recognised in Canada, the United Kingdom, New Zealand and the United States of America. This degree is also recognised by the Ministry of Health, Singapore. Speech Pathology Australia also offers a continuing professional development program.

REAL-WORLD EXPERIENCE
Develop impressive real-world skills with more than 20 weeks of clinical placement and a comprehensive range of practical experiences. Opportunities exist for placements in local, metropolitan, regional and rural clinics within Australia and across the globe. Additionally, some clinical placements are completed within the University of Newcastle’s on-campus speech pathology clinic.
IMOGEN’S STORY

Bachelor of Speech Pathology (Honours) student Imogen has taken her studies across the globe. After receiving a prestigious scholarship under the Australian Government’s New Colombo Plan (NCP), Imogen travelled to Hong Kong, where she studied at Hong Kong University. Not only did Imogen make new friends, experience a new culture, and forge valuable connections from all over the world – she also developed diverse skills that will set her apart from other graduates in the professional world.

Imogen
Bachelor of Speech Pathology (Honours)
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