

Tohu Paerunga Mātai Whaiaroaro Kori ā-Haumanu

Postgraduate Clinical Exercise Physiology

Clinical Exercise Physiologists (CEPs) are highly specialised allied health professionals who prescribe exercise and health behaviour interventions to improve functional capacity and promote physical activity in people living with chronic health conditions.

The Master of Clinical Exercise Physiology (MClinExPhys) combines theoretical and practical clinical courses to prepare you for entry into the clinical exercise physiology industry.

Postgraduate study in clinical exercise physiology concentrates on developing a strong core of theory-based coursework alongside practical skills in the assessment and critical analysis of exercise and physical activity data. This informs effective exercise prescription. You will complete at least 600 hours of hands-on, immersive work-integrated learning during your degree.

The programme is accredited by the Commission on Accreditation of Allied Health Education Programs. Graduates of the MSc CEP are eligible to apply for accreditation from the American College of Sports Medicine.

You will have the opportunity to develop skills in:

- Conducting clinical and exercise-related assessments for people living with chronic conditions
- Evaluating elements of an exercise prescription to maximise outcomes to health
- Independent supervision and monitoring of evidence-based exercise interventions

- Communicating with clients, whānau, peers and staff and other members of a clinical team
- Applying professional behaviour according to cultural, ethical and clinic standards expected by Te Tiriti o Waitangī and the Clinical Exercise Physiology profession in New Zealand

Graduates of the MCLinExPhys are eligible to take the certification exam to become a registered clinical exercise physiologist with the American College of Sport Medicine.

Find out more information about this international accreditation from the Commission on Accreditation of Allied Health Educations Programs (CAAHEP) and the ACSM websites.

Scholarships

You can apply for a range of scholarships when you apply for postgraduate study in Science.

auckland.ac.nz/science-scholarships



SCIENCE

No.1
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¹QS World University Rankings 2024

Career opportunities

As New Zealand's population grows, our health and care services must expand, too. This, coupled with the pressures of the modern lifestyle so many of us face, makes clinical exercise physiology an essential and rewarding career choice.

A Clinical Exercise Physiologist can assist in the maintenance of life-long functional independence in people living with chronic health conditions through patient education, behaviour change and primary and secondary prevention strategies.

Clinical Exercise Physiologists can be found working in hospitals, clinics, fitness centres and sporting bodies, or in private practice as primary contact allied health professionals.

Our graduates have been employed in the following jobs:

- Exercise physiologist, Piedmont Fayette Fitness Centre
- Health consultant, Life Care Consultants Ltd
- Emergency assistance coordinator, First assistance Rescue and Emergency
- Respiratory physiologist, Counties Manukau
- Clinic manager, ExerScience Clinic

This subject is available in:

Master of Science

Master of Clinical Exercise Physiology

Doctor of Philosophy

You may also be interested in our programmes in Exercise Sciences.

Find out more

about how your degree will be structured and what courses you need to take at auckland.ac.nz/science/pg-cep

"I was driven to carry on learning about the human body, so I enrolled in a Bachelor of Exercise Sciences, hoping to apply it to both exercise and the treatment of people living with chronic conditions and disease."

Sasha Douglas

PGDip in Clinical Exercise Physiology.



Read Sasha's full story at: auckland.ac.nz/science/pg-sasha-douglas



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auckland.ac.nz/science/pg-cep

Have any questions?
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Tohu Paerunga Mātai Hinengaro ā-Haumanu

Postgraduate Clinical Psychology

Clinical Psychology is the branch of psychology concerned with the assessment, prevention and treatment of mental health and behavioural problems.

Clinical training is based on the Scientist Practitioner Model, with a strong foundation in research. You will apply this knowledge within the context of Aotearoa/New Zealand, in line with the university's commitment to respecting tangata whenua and the Treaty of Waitangi. All assessments, formulations and treatment interventions, will observe these and other cultural, social and economic origins of, and solutions to, mental health problems.

We welcome research proposals in topics relating to our key research specialisations:

- Adult Mental health
- Child and adolescent mental health
- Forensic Psychology
- Child abuse and trauma
- Clinical neuropsychology – child and adult
- Māori pēpi-māmā attachment and parenting
- Digital wellbeing tools for rangatahi
- Family psychology including divorce and step-families

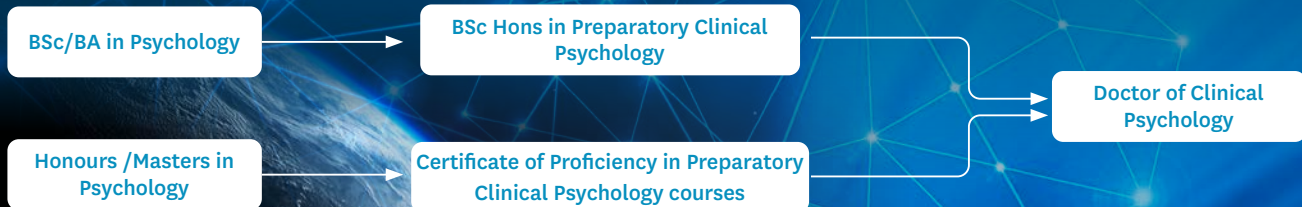
Choosing your supervisor

Students who are offered a place in the clinical programme (following application and interview) are supported to identify a supervisor and research project.

Scholarships

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Career opportunities

Clinical Psychology is concerned with the assessment, prevention and treatment of mental health and behavioural problems.

A postgraduate qualification in Clinical Psychology sets you up for a career focused on the promotion of psychological health spanning a range of specialisations. Some of these include, professional practice, research, teaching and supervision, programme development and evaluation, consultation, public policy and other activities that promote psychological health in individuals, families, groups, organisations and communities.

Jobs related to this programme:

- Clinical psychologist

Find out more

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

auckland.ac.nz/science/clinical-psychology



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NEWMARKET

Newmarket
Campus

Tohu Paerunga Pūtaiao Kori Postgraduate Exercise Sciences

Postgraduate study in Exercise Sciences provides you with the opportunity to achieve an advanced level of knowledge in a range of areas relevant to exercise, sport, health and rehabilitation sciences.

Our various programme offerings allow you to pursue your interests in Exercise Sciences and to become an exercise scientist working in industry, health or sport, or to prepare yourself for further Doctoral study.

Areas of specialisation include:

- Advanced Exercise Physiology
- Exercise and Performance Psychology
- Advanced Techniques in Biomechanics
- Movement Neuroscience
- Clinical Exercise Physiology

In addition, our academic staff are at the top of their field and offer many exciting research opportunities, whether it is a 30 point PGDip Research Project, a 60 point Honours Dissertation, or a 120 point MSc Thesis.

Choosing your supervisor

Maybe you already know what topic you'd like to pursue for your dissertation or thesis project. Maybe you don't. Starting early with identifying a potential topic and supervisor for your project is important.

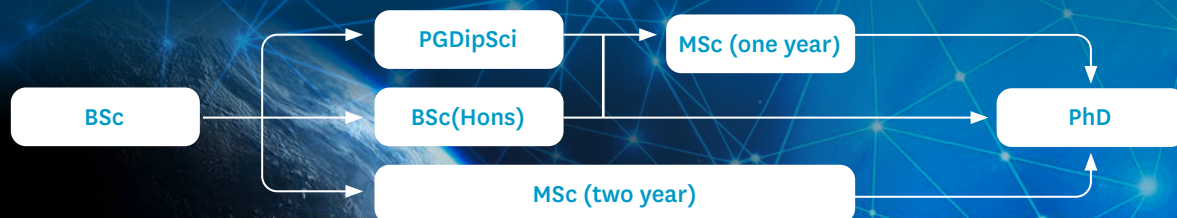
Have a look at our research areas and online staff profiles at auckland.ac.nz/exercise-sci-research and identify a topic that you feel passionate about.

Contact our academic staff directly to ask questions, seek advice, and find out whether you would be a good fit with their current projects. Alternatively, schedule a meeting with our Programme Leader, via pgadvice-exercise@auckland.ac.nz to discuss your general interests and the options available to you.

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Career opportunities

Exercise Sciences stretches the boundaries of knowledge from cell to psychology – working out how brain and body function.

There is a growing demand for exercise scientists and accredited exercise physiologists who have the skills to research, and work with clients, to prevent and manage chronic diseases and injuries.

Graduating from a postgraduate programme in Exercise Sciences will prepare you for a career in movement science, health, wellness, physical fitness, exercise science, rehabilitation, sport science and clinical exercise physiology.

Our graduates have been employed in the following jobs:

- Postdoctoral Research Fellow, John Hopkins University
- Senior biomechanist, Australian Sports Commission

- Strength and conditioning coach, Auckland Rugby Union
- Exercise physiologist, Melbourne Osteopathy Sports Injury Centre
- Clinical analyst, Accident Compensation Corporation
- Chief executive, Auckland Table Tennis Association
- Performance analyst, Academy of Sport (South Island)
- Clinical research associate, ICON plc

This subject is available in:

Bachelor of Science (Honours)

Postgraduate Diploma in Science

Master of Science

Doctor of Philosophy

You may also be interested in our programmes in Clinical Exercise Physiology, Biological Sciences, Health Sciences, MPhysioPrac, Psychology and Population Health.

Find out more

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

auckland.ac.nz/science/pg-exercise-sci

Alternatively, please feel free to contact our postgraduate study advisor at

pgadvice-exercise@auckland.ac.nz

“The great thing about the PhD program is that we can combine different disciplines to solve real-world problems.

“As technology evolves, I would like to be one of those who find solutions in encouraging people to live an active lifestyle.”

Peter Fermin Dajime

Doctor of Philosophy in Exercise Sciences.



Read Peter's full story at:
auckland.ac.nz/science/pg-fermin-dajime



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Tohu Paerua Mahi Haumanu Koiri Master of Physiotherapy Practice

The Master of Physiotherapy Practice is an exciting and unique vocation-focused masters that concentrates on the New Zealand context.

This is a graduate entry masters programme that will build on your undergraduate knowledge to train as a physiotherapist. This programme incorporates Māori and Pacific health models, and explores health equity, health systems and the social determinants of health, equipping you with the skills and competencies to be healthcare leaders in New Zealand. The MPhysioPrac is delivered by the School of Exercise Sciences, within Faculty of Science, with a strong connection to the Faculty of Medical Health Sciences. This unique positioning offers a comprehensive and multidisciplinary approach to theory, practice and research, and a broad scope for specialisation. You will learn alongside students from other disciplines, aligned to real-world experience, and complete 900-1000 hours of clinical practice and acquired knowledge.

Choosing your supervisor

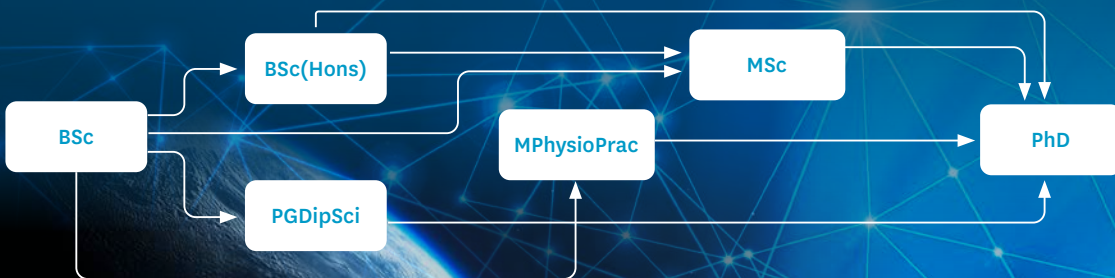
Supervisors can usually only take a small number of students, so make sure you talk to them sooner rather than later.

Choose an area you feel passionate about. Undertaking research involves successes as well as challenges, so choosing a topic you are genuinely interested in will help you overcome challenges and get through the tough times. Ensure you're compatible with your supervisor. Ask questions, seek advice and share your ideas with academic staff to find out their research interests, and whether you would be a good fit with their current projects.

Scholarships

You can apply for a range of scholarships when you apply for postgraduate study in Science.

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Career opportunities

Graduates are eligible to apply for registration from the Physiotherapy Board of New Zealand with reciprocal agreement from the Physiotherapy Board of Australia.

Students apply theory to real-world practice during 5, 6-week clinical practicums placed in hospital, clinic or community settings, under supervision settings, under supervision of registered physiotherapists. Institutes situated on campus include Auckland Bioengineering Institute, Liggins Institute and Healthy Hearts for Aotearoa New Zealand.

Graduates will be eligible to apply for registration as a New Zealand Registered Physiotherapist.

Jobs related to this programme:

- Physiotherapist
- Health professional

This subject is available in:

This subject is not available in other degree programmes. Other relevant programmes are Clinical Exercise Physiology and Exercise Sciences (PGDipSci and MSc)

Find out more

about how your degree will be structured and what courses you need to take at auckland.ac.nz/science/master-of-physiotherapy-practice

“My PhD work is investigating a novel neurophysiological framework for assessing hand and arm impairment after stroke. The framework may increase prognostic accuracy about hand and arm movement recovery and outcome.”

Maxine Shanks

Doctor of Philosophy in Exercise Sciences



Read Maxine's full story at: auckland.ac.nz/science/maxine-shanks

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auckland.ac.nz/science/master-of-physiotherapy-practice

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Tohu Paerunga Mātai Hinengaro

Postgraduate Psychology

You'll love studying Psychology if you want a greater understanding of how people (and sometimes animals) think, feel and behave. Psychologists create theories based on data, analysing simple behaviour – from that observed in animals to the more complex verbal and emotional responses of people.

As a Psychology student you could study research areas such as applied behaviour analysis, cognitive and language development, gender and sexuality, developmental psychology, Māori and Pacific psychology, and social psychology.

Courses available in this subject include:

- Behavioural Psychology
- Cognitive Science
- Critical Psychology
- Developmental and Educational Psychology
- Evolution and Behaviour
- Neuroscience
- Māori, Pacific, and Indigenous Psychologies
- Social Psychology
- Speech Science

Choosing your research area for supervision

BSc Honours: A high interest in psychology can make finding a supervisor difficult. To help ease this process, choose an area you're passionate about and we will pair you with someone in that same area.

Undertaking research involves successes as well as challenges, so choosing an area you are genuinely interested in will help you overcome challenges and get through the tough times.

Have a look at the different research areas in psychology, the staff in them, and the projects they have going on to see how they align with your interests

auckland.ac.nz/science/psychology-forms-and-guides

Choosing your supervisor

MSc: Supervisors can usually only take a small number of students, so make sure you talk to them sooner rather than later.

Choose an area you feel passionate about. Undertaking research involves successes as well as challenges, so choosing a topic you are genuinely interested in will help you overcome challenges and get through the tough times.

Ensure you're compatible with your supervisor. Ask questions, seek advice and share your ideas with academic staff to find out their research interests, and whether you would be a good fit with their current projects.

Scholarships

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Career opportunities

Psychology is a versatile subject that can take you into many different career paths

You could work in the fields of mental health, research, industry and marketing, education or counselling. Alternatively, you can work within a business environment that uses psychological tests, statistical analyses, or survey and questionnaire development.

Furthermore, staff recruitment, human resources, personnel training and evaluation are areas in which a lot of psychology graduates are employed. Research careers can be developed in neural function and cognitive science. Many avenues open up to graduates with training in psychology.

Our graduates have been employed in the following jobs:

- Client executive, Colmar Brunton
- Postdoctoral researcher, Ghent University
- Case manager, Accident Compensation Corporation
- Training and development manager, Mainfreight Transport Ltd
- Residential youth worker, BLENNZ Homai Campus

This subject is available in:

Bachelor of Science (Honours)

Postgraduate Diploma in Science

Master of Science

Doctor of Clinical Psychology

Doctor of Philosophy

Master of Organisational Psychology

Master of Speech Language Therapy Practice

Master of Health Psychology

PGDipScience in Behaviour Analysis

You may also be interested in our programmes in Biological Sciences, Statistics, Physiology and Physics.

Find out more

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

auckland.ac.nz/science/pg-psych

“What I love about postgraduate study is that you have the autonomy to craft your programme to suit the topics that you find the most exciting and meaningful.”

Katie Ann Smith

PhD Student in Psychology

➔ Read Katie's full story at:
auckland.ac.nz/science/katie-ann-smith



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Tohu Paerunga Pūtaiao Reo Kōrero Postgraduate Speech Science

Speech Science is about speech, language and swallowing difficulties. It is a large and complex field that includes topics in acoustic analysis and speech recognition, diagnosis of speech and/or language disorders, speech-language therapy and speech perception.

There are different options to consider when choosing your postgraduate qualification in Speech Science. The Postgraduate Diploma in Science (PGDipSci) in Speech Science and Master of Science (MSc) in Speech Science are intended for graduates with a research interest in speech-related areas. Either qualification is relevant for practising speech-language therapists with a bachelors degree as well as people with a background in linguistics, psychology, audiology, engineering, education or computer science.

Courses available in this subject include:

- Dysphagia for Speech Language Therapists
- Communication Difficulties in Children
- Linguistics for Speech Language Therapy
- Anatomy and Physiology for Speech Language Therapy
- Audiology for Speech Language Therapy
- Voice and Fluency

Choosing your supervisor

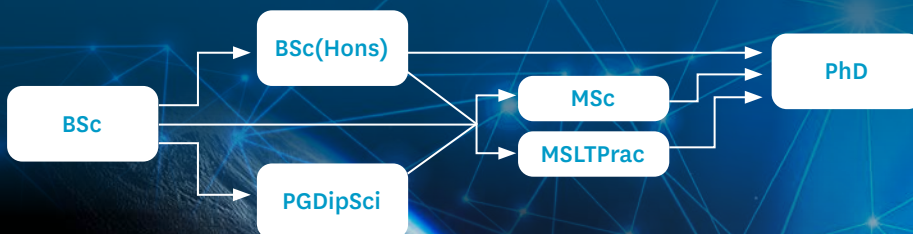
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Scholarships

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auckland.ac.nz/science-scholarships



Career opportunities

Speech-language therapists work in a range of settings.

While a postgraduate qualification in speech science can provide opportunities for research and prepare you for roles as a communication assistant or communication support worker, the speech-language therapy qualification can lead to employment as a speech-language therapist in a health or education setting such as a hospital, an adult rehabilitation service, a child development team, a school or early childhood centre.

Our graduates have been employed in the following jobs:

- Lecturer, Macquarie University
- Audiologist, Bow River Hearing Centre
- Speech-language therapist, Ministry of Education
- Speech and language pathologist lecturer, Semnan University of Medical Science
- Speech-language therapist, Waitematā District Health Board
- Audiologist, Auckland District Health Board

Other jobs related to Speech Science include:

- Lexicographer
- Researcher

This subject is available in:

Bachelor of Science (Honours)

Master of Science

Master of Speech Language Therapy Practice

Doctor of Philosophy

You may also be interested in our programmes in Psychology, Clinical Psychology, Physics, Physiology and Computer Science.

Find out more

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

auckland.ac.nz/science/pg-speech

“My department is relatively small, so I have gotten to know everyone well. It’s a very supportive environment, and there are many opportunities for students to try new things, grow, and learn outside the scope of their PhD project.”

Ryan dos Santos Meechan

Doctor of Philosophy in Speech Science

➔ Read Ryan’s full story at: auckland.ac.nz/science/pg-ryan-dos-santos-meechan



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