

Medical & Health Sciences

2019 Offerings

- Addiction Studies
- Applied Chemistry
- Biomedical Science
- Data Science
- Environmental Health
- Environmental Management
- Exercise & Sports Science
- Exercise Science & Rehabilitation
- Forensic Science
- Health Promotion
- Health Science
- Human Biology
- Human Genetics
- Medical Science
- Paramedical Science
- Public Health
- Nutrition
- Nutrition Bioscience
- Occupational Safety & Health
- Occupational Therapy
- Speech Pathology
- Sports Science & Football



School of Medical and Health Sciences at Edith Cowan University

The School of Medical and Health Sciences encompasses a number of exciting and diverse areas of study. Courses include biomedical science, health science, exercise and sports science, exercise science and rehabilitation, medical science, occupational therapy, paramedical science, speech pathology, and sports science and football.

Students have access to state-of-the-art facilities and specialised laboratories – all of which allow students to put theory into practice. Our courses also provide a basis for honours and postgraduate studies, laying the groundwork for future careers in health and medicine.

Exercise & Sports Science at ECU

ECU's Exercise and Sports Science course is professionally accredited by Exercise & Sports Science Australia (ESSA). Students can choose to complete an additional year of study via our Exercise Science and Rehabilitation course, which enables graduates to gain accreditation as an exercise physiologist through ESSA. Our Sports Science and Football course prepares students to train, condition and support players of football, with the opportunity to specialise in either Soccer or Australian Rules Football. ECU offers a range of specialised health and sporting facilities and purpose built laboratories to cater to the different roles in exercise and sports science, such as biomechanics, strength and conditioning, performance analysis and skill acquisition.

Medical and Biomedical Science State-of-the-Art Facilities

ECU's science laboratories are equipped to train medical science and biomedical science students in microbiology, genetics, haematology and biochemistry. Students have access to microbiology equipment for working with microbiological organisms and DNA. ECU also houses state-of-the-art equipment for cell, DNA, RNA and protein isolation and characterisation, electrophoresis, automated microscopy and digital imaging, in addition to a fully-equipped histology laboratory.





ECU's Sports Science Department Rated One of the Best in the World and Top in WA

The Academic Ranking of World Universities (2017 ShanghaiRankings) has ranked ECU's Sports Science department as the best in WA, third in Australia, and one of the top 20 in the world. The rankings compared more than 300 universities across the world.

SHANGHAI RANKING

Get Hands-On Experience

Our professionally accredited undergraduate courses in occupational therapy, speech pathology, exercise science and rehabilitation, paramedical science, and postgraduate nutrition and dietetics, give students access to well-equipped laboratories with specialised equipment and a range of simulated environments. Before going out on clinical placements, students can use these facilities to practice hands-on skills.

Professional Accreditations and Alliances

We offer courses that are professionally accredited, approved, or recognised by professional bodies, such as:

- Australian Occupational Therapy Association
- Council of Ambulance Authorities (CAA)
- Environmental Health Australia
- Exercise & Sports Science Australia (ESSA)
- Speech Pathology Australia (SPA)

Industry Partners

Many of our courses offer direct links with industry and organisations; here are some examples of where our students have undertaken work projects or professional experience:

- Australian Institute of Sport
- Genesis Cancer Care
- Jamie Oliver's Ministry of Food
- Local and State Government Departments
- Nutrition Australia WA
- Perth Glory Football Club
- Private and Public Hospitals
- Prostate Cancer Foundation
- St John Ambulance Northern Territory
- Surf Lifesaving WA
- WA AIDS Council
- WA Cricket Association
- WA Football Commission
- West Coast Eagles
- Western Australian Centre for Rural Health

"Having the opportunity to undertake practicum placements from the first-year has given me a real insight into working in the real world."

I chose ECU not only because it offered a great Speech Pathology course, but also because it has high student satisfaction ratings and a high student employment rate after graduation. Throughout my journey so far as an ECU student, all of my lecturers and tutors have been very approachable and willing to clarify lecture notes and study materials whenever I had questions. I was also very grateful for the mentor program available for first year students, which gave me many helpful tips to excel in my studies. A unique part of my course is that we have practicum starting from the first year, which has given me a real insight into working in the real world. Receiving a Silver Scholarship from ECU has also been such a blessing, as not only it has reduced my financial burden of studying in a foreign country, but it has encouraged me to work harder and continue to excel academically.

Shi Jing Kong
ECU Speech Pathology student
Malaysia





Courses

We offer a diverse range of disciplines, courses, majors, minors and electives.

Visit ecugetready.com.au/medical-and-health-sciences for more information on our Medical and Health Sciences offerings.

Undergraduate Courses

- **Bachelor of Science (Biomedical Science)**
Majors: • Applied Chemistry • Data Science
• Forensic Science • Human Biology • Human Genetics
- **Bachelor of Health Science**
Majors: • Addiction Studies • Environmental Health
• Environmental Management • Health Promotion
• Nutrition • Nutrition Bioscience • Occupational Safety and Health
- **Bachelor of Medical Science**
- **Bachelor of Science (Exercise and Sports Science)**
Majors: • Health Promotion • Nutrition • Occupational Safety and Health • Sport Business
- **Bachelor of Science (Exercise Science and Rehabilitation)**
- **Bachelor of Science (Exercise and Sports Science)/ Bachelor of Commerce (Sport Business)**
Majors: • Sport Business
- **Bachelor of Science (Sports Science and Football)**
- **Bachelor of Science (Occupational Therapy)**
- **Bachelor of Science (Paramedical Science)**
- **Bachelor of Speech Pathology**

Postgraduate Courses

- Graduate Certificate of Critical Care Paramedicine
- Graduate Diploma of Critical Care Paramedicine
- Master of Critical Care Paramedicine
- Graduate Certificate of Extended Care Paramedicine
- Graduate Diploma of Extended Care Paramedicine
- Graduate Diploma of Human Reproduction
- Master of Medical and Health Science by Research
- Master of Nutrition and Dietetics
- Master of Paramedic Practitioner
- Graduate Diploma of Public Health
- Master of Public Health
- Master of Science (Assisted Reproductive Technology)
- Master of Science (Sports Science)
- Doctor of Philosophy
- Doctor of Philosophy (Integrated)

Why Study at ECU?

We equip you with the confidence and practical skills to deal with whatever challenges may come your way, no matter where you are in the world. We have direct links with industry and organisations, which means you get hands-on experience while you're studying. Our degrees are internationally recognised and a considerable number of courses are professionally accredited by a variety of national and international organisations. Your learning extends beyond the classroom with our practicum, work integrated learning, and internships.

Perth

Perth is the capital city of Western Australia, which is the largest state in Australia and The Economist Intelligence Unit (2004-2017) has rated Perth one of the top 10 most liveable cities in the world for the past 14 years.



Getting Around Perth

Perth has a modern and safe public transport network that is convenient and accessible for students.

- **Free bus service:** Perth, Fremantle and Joondalup city zones have a free bus service.
- **Discount:** Full-time students receive between 40% and 45% discount on all public transport.

Visit the Transperth website transperth.wa.gov.au for more information



Population

Perth: 2 million
Western Australia: 2.58 million
Australia: 24 million

Rankings



Most Satisfied Students

Ranked the top public university in Australia for most satisfied students in the 2017 and 2018 QILT survey results.



Times Higher Education

Ranked 101-150 in the Times Higher Education (THE) Young University Rankings for 2018.



Five-Star Teaching Quality

Five star rating for teaching quality for 11 years in a row in the Good University Guide.



International Scholarships

Our scholarships provide you with a **20%** fee reduction off your tuition fees for the duration of your course, worth up to **\$27,200**.

Visit ecu.edu.au/international-scholarships for more information.

Our changing world needs a university to change with it.

A university where courses composed with industry deliver the most relevant knowledge and skills.

So be the graduate the changing world needs.

And **get ready at ECU.**

Contact

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Find us at

-  [ECUjourney](#)
-  [edithcowanuni](#)
-  [edithcowanuniversity](#)

 Visit vr.ecu.edu.au to take a virtual tour of our campuses and facilities.

Information correct as of 28 August 2018.

