2016 COURSE GUIDE

EXERCISE & HEALTH SCIENCES

• Addiction Studies
• Environmental Health
• Exercise & Sports Science
• Exercise Science & Rehabilitation

• Health Promotion
• Health Science
• Nutrition
• Nutrition & Dietetics
• Occupational Safety & Health

• Occupational Therapy
• Public Health
• Sports Science & Football
• Strength & Conditioning
Our world is more dynamic than ever before, creating new ideas and new possibilities.

So how do you engage with this ever-changing environment?

You learn. And the best way to learn is from experience.

ECU is a university for our times, where students learn in hands-on environments and in industry relevant courses. Our lecturers have extensive experience in their fields and place the needs of students above all else.

We’re a university where you can learn the combination of theory and practical skills needed to take advantage of every opportunity. Skills that will allow you to understand and meet new challenges, and to thrive in an evolving world.

Are you ready?

Apply to ECU for 2016.
Why choose Exercise & Health Sciences at ECU?

Exercise and Health Sciences encompasses a number of exciting areas of study, including Health Science, Exercise and Sports Science, Exercise Science and Rehabilitation, Occupational Therapy, and Sports Science and Football. Students have access to state-of-the-art facilities including occupational therapy suites and specialised laboratories for exercise and sports science, occupational safety and health, and nutrition, all of which allow students to put the theory into practice. Courses can lead to rewarding careers in health promotion, nutrition, occupational safety and health, exercise and sports science, occupational therapy, and more.

OCCUPATIONAL THERAPY TEACHING SUITES
Our Occupational Therapy students have access to three well-equipped occupational therapy laboratories with specialised equipment for students to learn hands-on skills in physical rehabilitation, assistive technology and communication. These laboratories combine with a range of impressive facilities to create a state-of-the-art learning environment.

DIVERSE STUDY OPTIONS FOR HEALTH SCIENCE STUDENTS
Health Science students can undertake two majors or a major and minor in the areas of addiction studies, health promotion, nutrition, and occupational safety and health. An environmental health major is also available and is provisionally accredited by Environmental Health Australia. All Health Science students undertake workplace practicums in their third year which are designed to prepare them for work opportunities in a broad range of public health disciplines.

ECU’S ELITE ATHLETE PROGRAM
As a member of the Elite Athlete Friendly University (EAFU) network, ECU aims to support elite athletes in achieving and balancing both their academic and sporting pursuits. Through our Elite Athlete Program, supported by the Australian Sports Commission, we’re encouraging the next generation of sporting stars to strive for personal excellence in all aspects of their life.

EXERCISE AND SPORTS SCIENCE AT ECU

ECU’s Exercise and Sports Science course is fully accredited by Exercise & Sports Science Australia (ESSA). Students have the option 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. What’s more, our Sports Science and Football course prepares students to train, condition and support players of football, with the opportunity to specialise in either Football (Soccer) or AFL Football (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.
EXERCISE CLINIC LAUNCHED: WORLD-FIRST
In October 2013, Edith Cowan University (ECU) Health and Wellness Institute, in partnership with Genesis Cancer Care, launched a specialised clinic that allows cancer patients to consult with both their oncologist and exercise physiologist under one roof. The clinic, situated at Shenton House in Joondalup, was developed with ECU’s world-leading cancer research in mind. ECU Health and Wellness Institute’s research results suggest that cancer patients who participate in appropriate exercise benefit from a 40 per cent reduction in the risk of cancer returning and a 20 to 60 per cent reduction in the risk of dying from the disease. The exercise clinic, complete with a fully equipped gym staffed by ECU exercise physiologists, allows patients to include tailored exercise programs as part of their cancer treatment.

PERFECT RECIPE FOR BETTER HEALTH
A cookbook developed with the help of Edith Cowan University nutritionists aims to cut the rates of chronic disease in indigenous Australians. The North Metropolitan Health Service in consultation with more than 100 Aboriginal people developed More Deadly Tucker. ECU nutrition staff and students analysed and tested recipes submitted by Aboriginal people and, if necessary, modified them so they met the nutritional content specified in the Australian Dietary Guidelines. ECU Associate Professor Amanda Devine said a key aim of More Deadly Tucker was to reduce the 10-year life expectancy gap between indigenous and non-indigenous Australians.

PRESTIGIOUS RECOGNITION FOR EXERCISE AND HEALTH SCIENCES LECTURERS
In 2014, Strength and Conditioning course coordinator Dr Greg Haff was elected President of the National Strength and Conditioning Association (NSCA) at their annual conference in Las Vegas. Dr Haff, who had previously served as NSCA Vice President, was deeply honoured to have been voted by his peers. As well as being elected President, Dr Haff was awarded the Journal of Strength and Conditioning Research Editorial Award. Dr Sophia Nimphius was also recognised at the conference, winning the Terry Housh Young Investigator Award. The NSCA has more than 35,000 members worldwide with affiliates in Japan, China, Spain and Italy.

AN ATHLETIC INDUCTION
University study can be a challenge for all students but when your other priorities involve representing your country on the international stage, it can be all the more challenging. Wheelchair basketballer and ECU student Adam Deans knows all about this challenge as he juggles study commitments and travelling for competitions and training. Adam is currently studying a Bachelor of Science (Exercise and Sport Science) and is part of ECU’s Elite Athlete Program, which allows registered athletes to combine their studies with their sporting commitments. Adam participated in an induction program for the University’s new students who qualified for Elite Athlete status. More than 70 students at ECU are part of the program and participate in sports including AFL, soccer, basketball, cycling, netball and Winter Olympic sports.
Some of WA’s up-and-coming AFL stars have been put to the test at ECU’s state-of-the-art sport performance testing facilities. The new biomechanics lab and indoor track at ECU’s Joondalup campus were given a full test run as players from the State AFL under 18’s squad, along with colts from all nine WAFL teams, completed AFL tests assessing 20 metre sprint speed, agility, vertical jump power and cardiorespiratory endurance.

**EXERCISE AND SPORTS SCIENCE LABORATORIES**
Purpose-built Exercise and Sports Science laboratories cater to the various research areas in exercise and sports science such as biomechanics, exercise physiology, strength and conditioning, motor control, neurophysiology, performance analysis, rehabilitation, phlebotomy and skill acquisition.

**STRENGTH AND CONDITIONING LABORATORY**
Our strength and conditioning laboratory is a state-of-the-art facility that has the capacity to conduct training studies and evaluate neuromuscular performance. The lab contains a custom isometric testing device which utilises an Advanced Mechanical Technology Incorporated (AMTI) force plate to measure ground reaction forces, as well as electromyography (EMG) technology to investigate neuromuscular performance.

**HUMAN PERFORMANCE CENTRE**
Based at our Joondalup campus, ECU’s Human Performance Centre (HPC) features world-class staff, facilities and equipment. The Centre offers a wide variety of opportunities for ECU students to integrate theory with real-world skills and gain authentic hands-on experience working directly with individuals and teams in practical sports science settings. The HPC provides precise and reliable performance testing to individuals, state and community sporting teams, which all ECU Exercise and Health Sciences students can become involved in from early in their university careers, giving them a competitive edge in the workforce. The Centre also offers targeted Physical Education Studies workshops and ATAR revision opportunities for high school classes looking to effectively integrate the theory they have learned in biomechanics, exercise physiology and sports nutrition to the practical sporting arena.

**NUTRITION LABORATORIES**
ECU Nutrition students have access to a range of specialised facilities. Our Nutrition Food laboratory is designed for students to work on practical projects involving food. The multi-functional laboratory has a food demonstration and teaching area, computing stations for dietary analysis and diet development and individual or group work areas for food preparation, cooking and tasting and food analysis.

The Nutritional Assessment laboratory provides a range of equipment for teaching and learning for both undergraduate and postgraduate students, including anthropometric equipment for nutrition assessments. It reflects a realistic hospital setting with equipment for measuring body composition and metabolic rate and analysing blood samples, and is fully functional for dietary and physical assessments.

**AFL RISING STARS TEST**
**ECU’S BIOMECHANICS FACILITIES**

Some of WA’s up-and-coming AFL stars have been put to the test at ECU’s state-of-the-art sport performance testing facilities. The new biomechanics lab and indoor track at ECU’s Joondalup campus were given a full test run as players from the State AFL under 18’s squad, along with colts from all nine WAFL teams, completed AFL tests assessing 20 metre sprint speed, agility, vertical jump power and cardiorespiratory endurance.
Research Groups

APPLIED HEALTH RESEARCH GROUP (AHRG)
The Applied Health Research Group (AHRG) adopts an interdisciplinary approach to undertaking high-impact, high-quality research in four distinct, yet linked areas of health including Child and Adolescent Health; Healthy Ageing; Health Protection; and Clinical and Other Health Services. The AHRG coordinates and consolidates health-related research within the School of Exercise and Health Sciences at ECU. Since 2013, members of the AHRG have produced 97 journal articles, attracted more than $4.5 million in funding and presented more than 50 conference papers. An important aim of the AHRG is to involve postgraduate students in research projects in order to develop a strong research culture and collaboration amongst students and staff in the broader applied health research domain.

Child and Adolescent Health
This research stream focuses on issues important in the development of healthy young people such as the prevention of school bullying, victimisation and violent behaviour; and embedding food and nutrition education into the early years and school curriculum to prevent childhood obesity. The connection between maternal diet during pregnancy and brain tumours is another youth-related area under investigation. The relationship between sun exposure and vitamin D levels in young children is also being studied. Likewise, how parents talk with their adolescent children about alcohol is another research project underway in the Child and Adolescent Health research stream.

Healthy Ageing
Some of the current projects in this research stream include alcohol use amongst older Australians; how community pharmacists work with older people; the impact of powered mobility devices on older adults’ activity levels; and the nutrition and dietary behaviours of older Australians.

Healthy Ageing
Researchers in this stream are investigating a range of issues including occupational exposure assessment and health surveillance; work related injuries and fatalities on farms; skin contamination studies; respiratory health of workers; heavy metal exposures of refinery workers; and heat stress among farmers and climate change in developing countries.

Clinical and Other Health Services
Research in this domain of the AHRG is focussing on diverse range of issues such as perinatal mental health; maternity care; breast cancer support; child and adolescent mental health services; self-management education programs for people living with HIV/AIDS; the utility of online communities for providing health care advice and support; and hospital food service systems and nutritional care.
CENTRE FOR EXERCISE AND SPORTS SCIENCE RESEARCH (CESSR)

The objectives of the group are to conduct high-impact scientific research and provide postgraduate training and supervision in the area of exercise and sports science. Specifically, the research group aims to foster high quality research which has the capacity to promote and enhance the teaching of exercise and sports science while contributing to exercise and sports science needs at local, national and international levels. To meet these aims, the group conducts research that is relevant to the broader community and of immediate practical impact, and positively engage with other researchers as well as schools, government organisations, health professionals, and community and elite-level sports teams.

Researchers within the group hope to attract and support Honours, Master and Doctoral students while maintaining dynamic collaborative links with other research groups and institutes in Australia and worldwide.

The research group has been successful in attracting substantial research funding from competitive granting agencies and industry partners. Major areas of research include: strength and conditioning, biomechanics, thermoregulation and fatigue, muscle damage, prevention and management of chronic disease, multi-dimensional studies into ageing, motor control and learning, exercise rehabilitation, and psycho social aspects of sport and leadership.
Facilities, Services and Support

At ECU, we provide a supportive learning environment through our excellent range of facilities, services and support programs.

STUDENT CENTRAL

On each campus, Student Central is your point of reference for all enquiries regarding academic progress and enrolment assistance, as well as for a range of support services.

FACILITIES

- Fully-equipped modern libraries
- E-labs available 24-hour/7 days/52 weeks and free Wi-Fi
- The Co-op shop to assist you with all your educational needs
- Faculty Student Information Offices dedicated to assist students, both undergrad and postgraduate, in each of our faculties

ACADEMIC SUPPORT

- Learning Advisers
- Career, Volunteering, Mentoring and Leadership Services
- Faculty Student Information Offices
- Off-campus Student Support Services
- Equity, Diversity & Disability Services
- Academic Mentoring
- Study Abroad and Exchange Program
- Kurongkurl Katitjin, ECU’s Centre for Indigenous Australian Education and Research

EQUITY, DIVERSITY AND DISABILITY

ECU’s Equity, Diversity and Disability (EDD) services support students whose studies may be affected by a medical condition or disability in accessing support and services that can help them succeed. EDD staff can assist with arranging alternative assessment conditions, access to some aids and equipment, note taking, AUSLAN interpreting and transcription services. Every campus has a specially designed Accessible Technologies Room that provides students with access to adjustable chairs and desks, specialised software, computer, scanner and other adaptive technology. All ECU locations have access for people with disabilities, and specific details are provided via ECU’s access and mobility maps at www.ecu.edu.au/about-ecu/our-campuses/campus-maps
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HEALTH AND WELLBEING

- Medical Centres (Joondalup and Mount Lawley)
- Free Counselling service
- Multi-faith Chaplaincy service
- Fully-equipped sports, recreation and fitness centres (Joondalup and Mount Lawley)
- Mini-gym and playing courts (Bunbury)

SECURITY

- Security service 24/7
- Well-lit pathways
- Emergency phones
- Over 5,000 parking bays across all campuses
- Night security escort

RECREATIONAL AND SOCIAL OPPORTUNITIES

- Student Guild
- Clubs and societies
- Intervarsity and Interfaculty sports
- Taverns (Joondalup and Mount Lawley)

FAMILY SUPPORT

- Childcare
- Parenting rooms
- Crèche
- ECU Kids Holiday Program (Joondalup and Mount Lawley)

FOOD AND RETAIL

- Bookshops
- ATMs
- Hairdresser (Joondalup)
- Optometrist (Joondalup)
- Cafés and other food outlets
Bachelor of Health Science

Duration: 3 Years
Availability & Campus:

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Prepares students to be able to make a positive contribution to enhancing the health of communities. Health Science students graduate with practical and theoretical knowledge and skills in communication, teamwork, critical thinking, innovation, and cross-cultural and international awareness. They are highly sought after and can choose a range of interesting and dynamic career pathways.

Students can choose to undertake two 8-unit majors, or a major and minor, in the following disciplines: Addiction Studies, Health Promotion, Nutrition, Occupational Safety and Health. Alternatively, students can undertake one 16-unit major in the following disciplines: Nutrition Bioscience, Environmental Health. A minor in Youth Work is also available.

Practicum
Students are required to complete a Professional Practice unit as part of the course. There are attendance requirements for this practicum. Students on practicum must observe professional practice rules. For more information, see course details on our website.

Employment Opportunities
Employment opportunities exist within a range of workplaces including aged care facilities and hospitals, rural and regional settings, asthma/diabetes/cancer/injury prevention councils, heart foundations, family planning associations, alcohol and other drug agencies, community development and local government organisations, disability services, justice and correctional agencies, research institutes, international aid organisations, and mental health support agencies.

Careers
Community Health Officer, Environmental Health Officer, Youth Worker, Child Health Officer, Health Promotion Officer, Health Worker, Nutritionist, Health Promotion Nutritionist, Occupational Safety and Health Management Officer

See more course information: reachyourpotential.com.au/courses/K97

I have a passion for helping people and a passion for food, so putting them together comes into nutrition. ECU is definitely more hands-on, that was a big aspect of the course that I enjoyed. Being at ECU really opened my eyes to a whole new opportunity for where I can take my nutrition degree.

Shona Halleen
ECU Health Science (Nutrition major) graduate

“ECU IS DEFINITELY MORE HANDS-ON.”

Please note accreditation or professional recognition details are listed under each relevant course and are correct as at time of production. For latest information, please visit reachyourpotential.com.au
Bachelor of Science (Exercise and Sports Science)

Duration: 3 Years
Availability & Campus:

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Prepares students for professional roles in a variety of positions in the private, corporate and government sectors, which require personnel with high levels of competence in the area of exercise and sports science.

Practicum
Students are required to complete practicum units as part of the course. For more information, see course details on our website.

Professional Recognition
Exercise and Sports Science Australia (ESSA) have accredited this course.

Employment Opportunities
Graduates have successful careers in speciality areas such as exercise rehabilitation, sports administration, physical education teaching, sports coaching, exercise science and strength and conditioning.

Related Studies
Bachelor of Science (Exercise Science and Rehabilitation). Students may be able to complete a fourth year of study in the Bachelor of Science (Exercise Science and Rehabilitation), upon completion of a recommended set of electives.

Careers
Exercise Scientist, Exercise Physiologist, Biomechanist, Personal Trainer, Sports Coach, Sports & Exercise Scientist Researcher, Strength & Conditioning Coach, Sports Medicine Trainer, Exercise Rehabilitation Coach

See more course information: reachyourpotential.com.au/courses/M89

“T I N K E W E T H A T I W A S
ENROLLING INTO A
RECOGNISED DEGREE.”

I was a very sporty person growing up and I was always interested in athletic performance, typically in exercise injury prevention and rehab. I chose ECU because they have a renowned sports science degree and offer many pathways to ESSA accreditation. The facilities and equipment offered at ECU are extensive and up-to-date. I was able to use equipment in different areas of sports science, especially in research and in our assignments. The teaching and support staff at ECU are knowledgeable and resourceful in their fields. I got the opportunity to work with a lot of lecturers who have strong research foundations. Knowing this degree is fully accredited with Exercise & Sports Science Australia (ESSA), I knew that I was enrolling into a recognised degree and this would potentially have a lot of prospects in future in terms of employment opportunities or further study.

Alvin Goh
ECU Exercise and Sports Science graduate
Bachelor of Science (Exercise Science and Rehabilitation)

Duration: 4 Years

Availability & Campus:

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Provides students with the opportunity to gain knowledge, skills and experience in clinical exercise delivery, healthy lifestyle intervention and wellness programs for people living with chronic conditions, with injuries, or the healthy population.

Admission Requirements

Applications for this course are not accepted through ECU’s portfolio pathway.

Practicum

Students are required to complete practicum units as part of the course. Students on practicum must observe professional practice rules. For more information, see course details on our website.

Professional Recognition

Exercise and Sports Science Australia (ESSA) have accredited this course.

Careers

Accredited Exercise Physiologist, Exercise Rehabilitation Coordinator, Exercise Science Researcher, Compensation & Rehabilitation Officer, Exercise Rehabilitator, Workers’ Compensation Officer, Health Care Officer, Occupational Rehabilitation Officer, Work Cover Services Manager

See more course information: reachyourpotential.com.au/courses/M90

“I was looking to up-skill into a clinical setting and when I was looking for a course, ECU was the only university in Western Australia that was offering the accredited course. The lecturers are all very renowned in their own fields. Their current research is within the areas that they teach us which means that we are getting the most up-to-date information in the lectures and labs. They were all very approachable and supportive should we needed help with any of the assignments or topics that we covered.

Claire Mason
ECU Exercise and Sports Science and Exercise Science and Rehabilitation graduate
Bachelor of Science (Occupational Therapy)

Duration: 4 Years
Availability & Campus:

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Allows students to develop an understanding of the factors that affect occupational performance in areas of self-care, education, work, social participation, and play and leisure for individuals, groups and populations through the lifespan.

Graduates will possess a sound knowledge and understanding of professional principles and processes and will be able to generalise their attributes and skills in new situations. Fieldwork placements throughout the course provide students with valuable learning experiences in a range of settings.

Admission Requirements
Applications for this course are not accepted through ECU’s portfolio pathway.

Reporting Obligations
ECU has an obligation to report details of students enrolled in this course to the Australian Health Practitioner Regulation Agency (AHPRA), see the unit set on our website for more information.

Practicum
An extended full-time practicum component applies to the three Clinical Science units in this course. There are attendance requirements for this practicum.

Clearance and/or Risk Management Protocols Required
To be eligible to undertake clinical practice and fulfil their duty of care, students are required to complete risk management protocols on commencement of the course and carry out amendments in subsequent semesters, as appropriate.

Risk management protocols include, but are not restricted to:

- Certificate of National Police Clearance
- Current WA Department of Health Criminal Record Screening Clearance Card
- Current First Aid Certificate
- Department of Education and Training National Criminal History Record Check
- Evidence of immunisation status as per the Department of Health schedule, more information at www.health.wa.gov.au/circularsnw/circular.cfm?Circ_ID=12275
- MRSA clearance if worked in, or been admitted to, a health facility outside of Western Australia in the 12 months prior to enrolment
- Working with Children Check, more information at www.checkwcc.wa.gov.au

Students on practicum must observe professional practice rules. For more information, see course details on our website.

Registration
Students will need to graduate to be eligible to register with the Occupational Therapy Board of Australia. Registration with the Occupational Therapy Board of Australia is required to practice in the profession.

Careers
Occupational Therapist, Health Promotion Officer, Mental Health Therapist, Occupational Rehabilitationist, Safety Officer, Disability Therapist, Neuromuscular Therapist, Neurorehabilitation Therapist, Paediatric Therapist, Aged & Community Care Coordinator

See more course information: 
reachyourpotential.com.au/courses/H96

“ECU OFFERS THE OPPORTUNITY TO EXPERIENCE PRAC FROM THE VERY BEGINNING.”

I chose ECU because of the practical components the course offered and also because of the small cohort. ECU offers occupational therapy (OT) students with the opportunity to experience prac from the very beginning, which gave us the beneficial component of having hands-on experience. These placements really provided us with the opportunity to experience what occupational therapy was all about and prepared us for the real world. The staff within the OT department at ECU have experience working in the field, so when we had any questions about the real world the answers were just that much more relevant. Prior to commencing my studies at ECU I always believed that OT was disability focused, but through the practical experiences it provided me with the opportunity to really get a feel for the different fields within the OT profession.

Tamara Pullella
ECU Occupational Therapy graduate
Bachelor of Science (Sports Science and Football)

Duration: 3 Years
Availability & Campus:

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Designed for students who wish to apply their exercise and sports science skills in the game of football. Students can specialise in Football (Soccer) or in AFL Football (Australian Rules Football). The course comprises exercise and sports science units, as well as specialised football units designed to provide practical skills and theoretical knowledge to enable students to:

- Coach the game of football
- Test and analyse football players both in the laboratory and on the field
- Design and implement strength and conditioning programs specific to football
- Analyse game performance
- Manage player injuries
- Lead and manage players

Practicum
Students undertake a structured and supervised vocational experience, where they have the opportunity to experience first hand the reality of the workplace, utilise the skills and knowledge gained in their course and enhance their understanding of future career opportunities in their chosen field. There are attendance requirements for this practicum. Students on practicum must observe professional practice rules. For more information, see course details on our website.

“I WANTED TO STUDY SOMETHING THAT I’M REALLY PASSIONATE ABOUT.”

I chose ECU’s Sports Science and Football course because it’s the only one of its kind in Australia, and I wanted to study something that I’m really passionate about. My lecturers have been very approachable and helpful, and the facilities are excellent.

Luke Kavic
ECU Sports Science and Football student

“THE SPECIALISED AFL COMPONENT IS FANTASTIC!”

The Sports Science and Football course at ECU gives me the opportunity to study football in a greater detail including the analysis and coaching side of football which I really enjoy. The specialised AFL component is fantastic! It gives us practical opportunities that we’ll use in the future within the workplace.

Marcus Ruggiero
ECU Sports Science and Football student

Employment Opportunities
The course prepares students for professional roles in a variety of positions in the private and government sectors, which require personnel with high levels of competence in the area of exercise and sports science. Graduates may pursue careers as a professional football player, or in areas such as sports coaching, sports administration, strength and conditioning, and physical education teaching at specialist football schools.

Careers

See more course information: reachyourpotential.com.au/courses/Y56
Honours

BACHELOR OF HEALTH SCIENCE HONOURS
Qualifies individuals to apply a body of knowledge in a public health context to undertake professional work, and provides a pathway for research and further learning. Graduates will have coherent and advanced knowledge of the underlying principles and concepts in a population health discipline, as well as knowledge of research principles and methods.

Admission Requirements
Standard University admission requirements apply. In addition, all students are required to have a Bachelor of Health Science degree with a Weighted Average Mark (WAM) of 70 per cent or higher, a WAM of 70 per cent or higher in the major units, or a WAM of 70 per cent or higher in the Level 2000 and Level 3000 units, with equivalents considered.

Applications for this course are not accepted through ECU’s portfolio pathway.

See more course information:
reachyourpotential.com.au/courses/Y17

BACHELOR OF SCIENCE (SPORTS SCIENCE) HONOURS
Enables students to explore an area of study in greater depth, as well as build research experience and further develop the skills from their undergraduate studies. Depending on their Honours grade, students may be eligible to pursue a research career through postgraduate courses including Masters and PhD.

Admission Requirements
Standard University admission requirements apply. In addition, all students are required to have completed or be completing a Bachelor of Science with a Weighted Average Mark (WAM) of 70 per cent or higher.

Applications for this course are not accepted through ECU’s portfolio pathway.

Careers

See more course information:
reachyourpotential.com.au/courses/E54

Graduate Certificates

GRADUATE CERTIFICATE IN OCCUPATIONAL HEALTH AND SAFETY
Provides an introduction to the field of occupational health and safety management. The course has been developed to equip students with the basic skills to function effectively in occupational health and safety roles.

Admission Requirements
Standard University admission requirements apply. In addition, all students are required to have an undergraduate degree and/or equivalent prior learning, including at least five years experience in an occupational health and safety role.

Employment Opportunities
Graduates would be suitable for roles in the mining, oil and gas, construction, government and non-government sectors.

Further Studies
Students interested in progressing further in this area can elect to study the Graduate Diploma of Occupational Health and Safety.

See more course information:
reachyourpotential.com.au/courses/S72

GRADUATE CERTIFICATE OF EXERCISE SCIENCE (STRENGTH AND CONDITIONING)
Provides sports science or related graduates an opportunity for advanced study and to enhance their training in the field of strength and conditioning.

Admission Requirements
Standard University admission requirements apply. In addition, all students are required to have successfully completed a Bachelor degree in Sports Science, Human Movement, Physical Education or a similar program of study. In particular, an undergraduate background in human anatomy and physiology is required.

Careers
Personal Trainer, Sports Coach, Strength and Conditioning Coach (at amateur and elite levels)

Further Studies
Students interested in progressing further in this area can elect to study the Master of Exercise Science (Strength and Conditioning).

See more course information:
reachyourpotential.com.au/courses/M27
Graduate Diplomas

GRADUATE DIPLOMA OF OCCUPATIONAL HEALTH AND SAFETY
Develops professionals in the field of occupational and health and safety (OHS), in particular, to develop the skills of identification and management of workplace hazards that may adversely impact on the health and safety of workers.

On completion of the program it is expected that students should be able to: implement and assess an occupational health and safety management system that reflects the OHS needs and issues of an organisation, taking into account the size and complexity of the organisation; critically review the risk management processes that have been developed for a workplace and/or industry, including the characterisation of incident-investigation processes identifying issues in specific industries/workplaces; critically review the legal framework for occupational safety and health in Australia; synthesise the factors that have influenced the development of occupational safety and health law in Australia; synthesise the factors that influence the application of occupational safety and health legislation in the workplace; categorise hazards according to type, assess when a hazard becomes a risk and characterise the principles of safe design in relation to potential impacts on people, plant and/or the environment; demonstrate academic skills which include writing, referencing and researching at a postgraduate level including professional competencies in the use of commonly used business software packages used in occupational health and safety.

Admission Requirements
Standard University admission requirements apply. In addition, all students are required to have an undergraduate degree. Alternatively students can apply if they have completed the Graduate Certificate in Occupational Health and Safety.

Professional Recognition
Australian OHS Education Accreditation Board (AOHSEAB) have accredited this course.

Employment Opportunities
Graduates would be suited to roles in the mining, oil and gas, construction, government and non-government sectors.

Further Studies
Students interested in progressing further in this area can elect to study the Master of Occupational Health and Safety.

See more course information: reachyourpotential.com.au/courses/S73

GRADUATE DIPLOMA OF PUBLIC HEALTH
Public health is a broad area which can be generally characterised as being concerned with improving health and well-being by carrying out actions that will have an impact at a population or ‘whole of community’ level.

Current Australian priorities for public health are to reduce health disparities between different population groups and to positively influence social, economic, physical and biological factors that play a role in determining overall health outcomes. Public health practitioners are health professionals who have the skills required to help individuals and communities to have greater control over their health and wellbeing and to influence organisational and political environments in ways that lead to better health for all.

Admission Requirements
Standard University admission requirements apply. In addition, all students are required to have an undergraduate degree or postgraduate degree in Health Sciences.

Employment Opportunities
Graduates would be suited to roles in the government, not-for-profit or health advocacy sectors.

Careers
Health Promotion Officer, Project Officer, Health Education Officer

Further Studies
Students interested in progressing further in this area can elect to study the Master of Public Health.

See more course information: reachyourpotential.com.au/courses/W61

“I’ve felt like I wanted to do more in this field so I thought public health at ECU was a very good course to help me be more equipped to work with communities. For me it’s not so much of improving their health, but it’s to improve their life. At ECU we covered a broad range of public health issues, from communicable diseases to epidemiology, and even aspects of leadership and strategic decision making. It’s given me a broad understanding of public healthcare. The lecturers were really passionate about what they did and that’s very inspiring.”

Rena Vithiatharan
ECU Master of Public Health (By Coursework) graduate
I had searched the UK, America and Australia for a Master of Strength and Conditioning program that allowed me to study online while working full-time and ECU’s course was by far the best choice. The skills and knowledge that I have attained while studying at ECU have been used in every aspect of my day-to-day role in order to better prepare my athletes. The most beneficial aspect of this course is the staff and lecturers that deliver the units. After meeting and speaking to them, I realised they are not only experts in their chosen fields, but they also have huge practical experience working in the area of strength and conditioning. My greatest personal achievement to date includes being part of an amazing football club as the Academy Strength and Conditioning Coach for Arsenal Football Club. Overall ECU is a wonderful university which offers a program that caters to all individuals and enhanced my learning experience by providing information and ideas that can be applied to all aspects of my work.

Padraig Roche
ECU Master of Exercise Science (Strength and Conditioning) student

See more course information: reachyourpotential.com.au/courses/U94
MASTER OF OCCUPATIONAL HEALTH AND SAFETY
Aims to develop professionals in the field of occupational health and safety (OHS) who are able to develop OHS systems and research workplace OHS issues.

On completion of the program it is expected that students should be able to: design and implement an occupational health and safety management system that reflects the OHS needs of an organisation; critically review the risk management processes that have been developed for a workplace and/or industry including the characterisation of incident-investigation processes identifying issues in specific industries/workplaces; critically review and synthesise the factors that influence the application of occupational health and safety legislation in the workplace; synthesise the potential impacts of hazards according to type and predict when a hazard may become a risk; use research skills to assess the implementation of safe design in relation to controlling potential impacts on people, plant and/or the environment; undertake and report on a workplace-based research project; and demonstrate professional skills which include making verbal and written arguments in support of workplace safety and health issues.

Admission Requirements
Standard University admission requirements apply. In addition, all students are required to have an undergraduate degree, or a Graduate Certificate or Graduate Diploma in Occupational Health and Safety.

Professional Recognition
Australian OHS Education Accreditation Board (AOHSEAB) have accredited this course.

Employment Opportunities
Graduates at this level are in current demand and required to assist managers in meeting their OHS responsibilities. Graduates would be suitable for roles in the mining, oil and gas, construction, government and non-government sectors.

See more course information: reachyourpotential.com.au/courses/L65

MASTER OF OCCUPATIONAL HYGIENE AND TOXICOLOGY
Aims to develop professionals in the field of occupational and environmental hygiene. In particular, this coursework Masters aims to develop the skills of identification, evaluation and control of workplace hazards that may adversely impact on the health of workers and/or the local community. On completion of the program it is expected that students should be able to: demonstrate a high level competence in identification, evaluation and control of potential occupational and environmental stressors; demonstrate a good understanding of the potential impacts of a range of occupational agents and conditions on exposed populations; evaluate the qualitative and quantitative occupational aspects of exposure assessments, including dose-response and risk; recommend and evaluate appropriate control measures using the hierarchy of control to reduce or eliminate exposures to occupational and/or environmental hazards; participate in the development and implementation of appropriate occupational hygiene monitoring programs; interpret and advise on legislation and standards as it may apply to a range of occupational hazards; solve multifaceted problems by a combination of site observations, review of the literature, exposure measurement and data analysis using scientific methodology; and communicate effectively to a wide audience base on a range of occupational hygiene issues.

Admission Requirements
Standard University admission requirements apply. In addition, all students are required to have an appropriate undergraduate degree or postgraduate qualification in relevant sciences such as physics, chemistry, human biology or health and safety management.

Professional Recognition
Australian Institute of Occupational Hygienists (AIOH) have accredited this course. British Occupational Hygiene Society (BOHS) have accredited this course.

Non-Standard Timetable
Students are required to attend compulsory workshops for the practical units, as well as the research project unit.

See more course information: reachyourpotential.com.au/courses/I01

“I’m really passionate about safety, for me it’s really important to ensure the safety and health of employees in a workplace. Studying occupational health and safety at ECU was an easy thing to decide to do because it enhances those skills and can help me contribute in the workplace. I was already in the field when I commenced the course and that was one of the reasons I wanted to start studying – to enhance my professional learning’s. Having an accredited course is really important given the professional recognition that it provides. The great thing about the ECU course is that it is flexible and I can study it online at a time that is convenient for me, or at times where work is less busy and when I have less demands.

Belinda Owen
ECU Master of Occupational Health and Safety student
“I HAVE BEEN VERY FORTUNATE TO WORK WITH TWO GREAT SUPERVISORS.”

Before I started my studies I was a professional dancer, so I chose ECU because I could combine the art of ballet with the science aspect of it, therefore I could help the dancers prevent injuries and improve their training. If you want to come and complete your Masters here you will be using great facilities such as the biomechanics lab. I have been very fortunate to work with two great supervisors who are both experts in the field and they have helped me overcome all the challenges that research entails.

Penelope Blanco
ECU Master of Science (Sports Science) student
Pathways to Uni

At ECU, we believe everyone should have the opportunity to access a university education. That’s why we’ve created a range of innovative entry options. We have entry pathways available for school leavers, recent school leavers and mature age applicants, and we provide the support and flexibility to anyone wanting to further themselves through education.

ATAR APPLICANTS

Australian Tertiary Admission Rank (ATAR) is a ranking based on eligible subjects studied in year 12. As an ATAR student seeking entry, you must meet the following entry requirements:

- English competency (WACE Course Stage 2 or 3)
- Minimum ATAR for the course you wish to study
- Achievement of the Western Australian Certificate of Education (WACE)
- Any prerequisites for the course that you wish to apply for

If you think you may not achieve the required ATAR for the course you wish to study, you should consider submitting a portfolio of your work and experience via our Portfolio entry pathway.

PREVIOUS STUDY AT A REGISTERED TRAINING ORGANISATION (RTO) – INCLUDING STUDIES COMPLETED IN YEAR 12

If you have successfully completed RTO/Vocational Education and Training qualifications from a recognised institution (for example, a Certificate IV or Diploma), you may be able to use this study to fulfil minimum admission requirements into one of our undergraduate courses or University Preparation Courses.

OTHER APPLICANTS

School leavers (including those who have left school but are still under the age of 20) and mature age students who will not obtain an ATAR may be able to apply using our Portfolio entry pathway.

Portfolio Pathway

Our Portfolio entry pathway assesses your application to ECU based on a portfolio of evidence that includes your qualifications, school results, work and life experiences. Portfolio can be an entry pathway into undergraduate courses.

The Portfolio entry pathway is for:

- School leavers and recent school leavers with a near-miss ATAR for their chosen course
- School leavers and recent school leavers who will not/did not obtain an ATAR
- Mature age applicants, who are over 20 years of age in the semester they commence studies, who may or may not have completed year 12

Note: Some courses do not accept applications through the Portfolio entry pathway. For a list of these courses and more information on the Portfolio entry pathway, visit www.reachyourpotential.com.au
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Pathways to Uni
University Preparation Courses (UniPrep)
Our range of UniPrep Courses provide a pathway to many of our undergraduate courses. These provide you with essential skills and prepare you for uni studies.

The UniPrep Courses available are:

- University Preparation Course
- University Preparation Course (Education Assistant)*
- Indigenous University Orientation Course (IUOC)

Australian citizens, holders of a Permanent Humanitarian Visa, Permanent Residents and New Zealand citizens are eligible to study in a Commonwealth Supported place, making the University Preparation Courses free.

*The University Preparation Course in Education Assistance only leads to pathways in selected undergraduate teaching courses.

Previous Tertiary Qualifications
If you have successfully completed units at university level in Australia, you may meet the minimum entry requirements into ECU. Overseas university qualifications may also meet academic entry requirements however, applicants may require the successful completion of a recognised English examination to meet English competency standards.

Special Tertiary Admissions Test (STAT)
This national test is designed to assess aptitude for learning in a tertiary environment. It comprises two tests, written English and multiple choice, and is available for mature age students, over 20 years of age. For more information on the STAT, visit www.tisc.edu.au

English Competency Requirements
In addition to any academic or other special requirements, applicants must demonstrate English competency for entry into undergraduate degrees. For further information, visit www.reachyourpotential.com.au/minimum-requirements

Indigenous Student Intake Test (ISIT)
This assessment is for Aboriginal and Torres Strait Islander applicants for entry into our UniPrep and undergraduate courses. For more information, visit www.reachyourpotential.com.au/indigenous
Applying to ECU will differ depending on your entry pathway and the time of year that you apply. To find out which process applies to you, visit reachyourpotential.com.au/entry

APPLICATIONS VIA TISC
Current Year 12 students who will obtain an ATAR should apply via TISC (Tertiary Institutions Service Centre) for Semester 1, 2016.

If you are a school leaver, and wish to have a portfolio assessed, apply through TISC and send your portfolio directly to us by 27 November to be guaranteed consideration for main round offers in 2016. For more information about TISC, visit www.tisc.edu.au. For more information about Portfolio pathways, visit www.reachyourpotential.com.au/entry

DIRECT APPLICATION TO ECU
You can apply to ECU directly by completing our online application process at www.reachyourpotential.com.au/apply

The direct application process is available to:
• School leavers or recent school leavers who will not obtain an ATAR and wish to apply via our Portfolio entry pathway or for the University Preparation Course (UniPrep)
• Students who have previously studied with ECU
• Students applying for mid-year entry
• All mature age students

For school leavers, if you wish to be considered for main round offers in 2016, please submit your application and portfolio directly to us by 27 November. If you require assistance with a direct application, you are welcome to visit our Joondalup, Mount Lawley or Bunbury campuses and complete your application with us on-site, or call us for assistance on 134 328.

INTERVIEWS, FOLIOS AND AUDITIONS
Some of our courses require an interview, folio of work and/or audition. You can check the admission requirements of the course you are interested in to see if this applies to you.

Some important things to note are:
• The format and structure of the interview, folio of work or audition can change depending on the specific course you are applying for.
• In general, in an interview situation, staff interviewing you will be looking for a demonstration of abilities and cognitive skills in areas appropriate to the course.
• Staff assessing your folio of work or audition will be usually looking for a demonstration of abilities and/or skills appropriate to the course. We will contact you to arrange an audition, interview or submission of your folio of work if required.

To find out more, visit www.reachyourpotential.com.au/interviews

Sun 23 August 2015
12pm-3pm
JOONDALUP
Sun 19 July 2015
10am-3pm
MOUNT LAWLEY
& WAAPA
Sun 9 August 2015
10am-3pm
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FIND A COURSE TO FIT YOU

reachyourpotential.com.au/openday
Our world is more dynamic than ever before, creating new ideas and NEW POSSIBILITIES.

So how do you engage with this ever-changing environment?

YOU LEARN.

Are you ready?