

2024 Undergraduate Course Guide



Creative
thinkers
made here.

Unlock your superpower.

Creative thinking.

It's essential for tackling challenges.

Seizing opportunities.

For today.

But more importantly, tomorrow.

And it's not limited to 'creative' roles.

It's essential for **all** roles.

It's not a skill people are **born** with.

So at ECU, we **teach** it.

So you can give your future...**superpower**.



Creative thinkers
made here.

Vice-Chancellor's message

At ECU, we understand that choosing a career is an important decision for you.

So you can be assured that we'll do everything we can to help you choose a pathway or course to prepare you for the future.

We teach a diverse range of courses, with most being developed in consultation with industry partners. Our teaching staff also have extensive industry experience and networks.

These connections allow us to provide you with work placements while studying, along with fieldwork, practicums, networking events and volunteering opportunities.

This will help you build the skills we know employers are looking for, such as problem-solving and creative thinking before you graduate. And partnerships like the one we have with global giant IBM, offers a paid internship while you study, with the chance to secure a job after graduation.

Speaking of experiences, I'm confident you'll enjoy your time at ECU. I say that because our graduates consistently rank us a top Australian university for really important factors like student support, teaching quality and skills development.



Finally, one of the best things I like about ECU is the amazing multicultural mix of students and staff we have here. Should you join us as a student – and I hope you do – some of those people will become your new, lifelong friends.

A handwritten signature in black ink, appearing to read 'SJC', written over a horizontal line.

Professor Steve Chapman CBE
Vice-Chancellor



Highest quality teaching

ECU is one of the best unis in Australia for teaching. We've had 16 straight years of 5-star ratings in the Good Universities Guide!



Legendary student support

Everyone has challenges as a student, but few universities can match ECU for student support. We even have a student success team!



Best overall experience

Uni life is more than studying and attending classes. Here, you can join student clubs, sports teams, do volunteering and heaps more. It's a 5-star experience!

Edith Cowan is an Australian icon

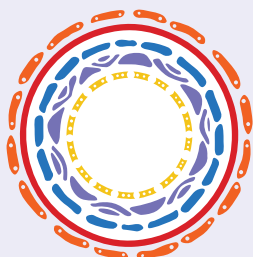
ECU is the only Australian university named after a woman – and what a woman she was!

Edith Cowan (OBE) achieved so much in her life, and in a world that didn't pay attention to the opinions of women.

The first woman elected to an Australian Parliament, Edith believed that education was fundamental to tackling social issues and was the key to growth, change and improvement.

She influenced the course of education in Australia, paving the way for many people to access education they could only previously dream of.

Like our university, Edith also believed strongly in the values of inclusion and equity. She fought hard to improve conditions for women, children, families, the poor, the under-educated and the elderly.



ECU is committed to reconciliation and supports a Voice to Parliament being enshrined in the Australian Constitution.

We recognise and respect the significance of Aboriginal and Torres Strait Islander peoples' communities, cultures and histories.

We also acknowledge and respect the Noongar people as the traditional custodians of the land on which our campuses are located.



[ecu.edu.au/about-ecu/
indigenous-matters](https://ecu.edu.au/about-ecu/indigenous-matters)

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Ranked in the world's top 100 universities under 50 years old.



The top public university in Australia for undergraduate teaching quality for seven years in a row.

Why ECU?

We equip you with the confidence and practical skills to deal with whatever challenges may come your way.



Get career ready while you study

During your studies, we'll help you build your personal brand to prepare you for a new career.



Industry partnerships open doors to you

Exciting internship or prac placements through our partnerships with IBM, West Coast Eagles and many more.



Travel overseas as part of your studies

You'll have opportunities like study exchanges with other unis, study tours and more.



Become a creative thinker

Creative thinking is a skill that's highly valued by employers and we'll help you make it your superpower.





Know you'll be supported

We'll help you adjust to your new life as a student, whatever your study or personal circumstances.



Enjoy a 5-star teaching experience

Your lecturers and tutors will help you get the best out of yourself and will introduce you to new networks.



Get practical experience outside the classroom

You'll quickly turn theory into practice with work experience opportunities like internships, practicums and more.



Build your own degree

You can choose major subjects and electives to tailor a course to your passions.



Where will you study?

ECU has three campuses in Western Australia, located across Whadjuk and Wardandi land. Each has modern facilities, including wireless internet, 24-hour access to computer labs, libraries with open study spaces and a safe environment for you to study in – either alone or with other students.



Joondalup Campus

The campus is only 25km north of Perth and a short walk or bus ride from the Joondalup Train Station and Lakeside Joondalup, one of the largest shopping centres in WA.

Joondalup Campus features award-winning architecture, cafés, a bar, an outdoor cinema, a lake and loads of trees and green spaces for study.

Here, you can study business, law, engineering, psychology, nursing, health sciences, cybersecurity and other science-related courses.



Mount Lawley Campus

Located in the thriving cultural hub of Mount Lawley and close to Perth CBD, you can't help but be inspired by the artistic vibe at this campus.

Here, you'll find one of the world's leading performing arts academies, the Western Australian Academy of Performing Arts.

The campus is also home to Kurongkurl Katitjin, ECU's Centre for Indigenous Australian Education and Research.

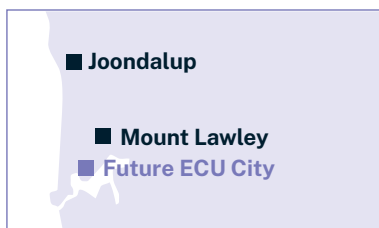


ECU South West

Located two hours' drive south of Perth, ECU South West in Bunbury is the largest university campus in regional Western Australia.

Here, you can expect small, personalised class sizes and courses in commerce, science, health sciences, nursing, social work and teacher education.

The campus features a café, mini-gym, crèche facilities, multi-purpose sports courts, and a library with 24-hour access to a computer lab.



Study at home

Most of our courses and units are offered online. So, if you can't attend a campus for reasons like distance, family or work commitments, online study may be for you.

Being online doesn't mean we'll forget you either. You'll still have access to all our student support services.

→ For more information about online study – ecu.edu.au/degrees/online

Student accommodation on campus

Student accommodation is available on all campuses, including facilities like student lounges with Wi-Fi, barbecues, and a swimming pool. ECU Village staff can also help you find off-campus housing.

→ For more information and to apply – ecuvillage.com.au

ECU City

ECU City will represent the future of university education — urban, connected, integrated with business and community — and part of the lifeblood of a thriving city. This exciting development will transform the city of Perth and will deliver a world-class Creative Industries, Business and Technology precinct.



ECU City will be home to:

- The internationally recognised Western Australian Academy of Performing Arts (WAAPA), with its world-leading courses in Dance, Aboriginal Performance, Musical Theatre, Acting, Music, and Production and Design.
- Creative industries programs from our School of Arts & Humanities, such as Broadcasting and Digital Journalism, Visual Arts, Design and Communications, as well as the WA Screen Academy programs in cinematography, film directing, documentary-making, production, and screenwriting.
- Courses delivered by our School of Business & Law, connecting thousands of world-ready graduates with WA's commercial and legal hub.
- ECU's advanced technology education programs, with next-generation content, and world-class facilities.

ECU City will open to students from 2026.

→ To follow the journey, visit citycampus.ecu.edu.au

Life as a student

It doesn't matter if you've just left high school or you haven't been a student for a few years, study at uni is a whole new world. The good news is, no matter what your study challenges, we're ready to help you succeed.

Adjusting to study whatever your situation

At ECU, we'll support you through your studies whatever your personal circumstances. This includes if you have a medical condition or disability or have responsibilities for caring for a family member in a similar situation.

It might also include ensuring you can continue to observe any cultural or religious practices.

Our Access and Inclusion team will work with you to identify reasonable adjustments to your study and uni life. They'll also provide ongoing support to you through an individual Learning Access Plan.



Adjusting to academic life

Learning at university can be a bit daunting to begin with, but we've got you covered whatever help you need.

That includes help with preparing assignments, help with researching or referencing, help with online study and loads more. You even get a peer mentor in your first semester!





Career advice and job skills

You can get support and resources to help you plan your future career, as well as find work or volunteering experience while you're a student.

This includes career-based workshops, industry events, one-to-one career advice and more.

Free counselling service

If you need to discuss any personal issues that may be affecting your ability to study, we have a free, professional and confidential psychological counselling service.

Sports and gyms

Being physically active positively stimulates your student brain and helps you reduce the stress of assignment deadlines or exams.

So, it's a good thing that our campuses have terrific sports and gym facilities. You can also join group fitness classes, social sports teams or attend regular healthy activities like yoga classes.

Student health services

The ECU campuses in Joondalup and Mount Lawley have student health centres with doctors (GPs), and nurses to assist you if you need them.

The services are covered by Medicare or Overseas Student Health Funds so most visits are free or low cost.



Travel overseas while you study

University study is way more than lectures, reading and assignments. As a student, you also have opportunities to travel overseas as part of your studies, where you can immerse yourself in a new culture and develop lasting friendships.

Not only will this look good on your résumé, but it is also an excellent opportunity for you to challenge yourself and broaden your horizons.



Study abroad and exchange

This is a program where you apply to study units related to your university course in another country. This can be for one or two semesters.

If the university you've chosen to study at has an exchange program with ECU, this overseas study is covered by your existing tuition fees.

ECU has partnerships with about 90 institutions in 35 countries around the world, so there is plenty to choose from!

Go on a study tour

Overseas study tours are possible during your time at ECU, and they usually run for one to two weeks.

You'll join a group of classmates and learn in another country, while developing your cultural communication skills. And having fun!



INTERNATIONAL DUAL DEGREE



UNIVERSITY OF
PORTSMOUTH

Study in the UK

The University of Portsmouth in the UK has a partnership with ECU that requires students from each university to spend a year in the other one as part of their studies.

The arrangement leads to you graduating with a unique dual degree for specific courses, for example Environmental Science, Exercise and Sports Science, Cybercrime, Security and Intelligence or Media and Communication.

The number of courses is expected to grow, but it's another way you can spend time in another country, build contacts and experience, and have two degrees on your résumé.

→ For more information –
ecu.edu.au/uni-portsmouth





Not sure what you want to do yet?

It's not unusual for uni students to be unclear about the kind of career they're interested in, or what course to study to get there.

If that sounds like you, here are some ways to help you decide what to study.

- Look through our eight study area pages –you'll find them in this prospectus or online at ecu.edu.au/degrees/study-areas
- Check out courses with a broad range of subjects in the first year that help you figure out what to specialise in during the last two or three years. Examples are a Bachelor of Arts or a Bachelor of Science, Engineering courses or Biomedical Science.
- Come to an event on campus like Open Day or a study area information evening.
- Try our Career Finder quiz. This 5-minute quiz might surprise you with a suggested career direction and courses that take you there.

→ Find out more –
ecu.edu.au/study/career-finder/quiz

Get career ready while you study

ECU's Get Career Ready program works with you from your first year until the end of your final year. It builds up your skills in areas like interviewing, leadership, application writing and job search.

The program also gives you new experiences to help build your personal brand, like volunteering opportunities and casual or vacation employment. You'll also meet potential employers through ECU events like Career Fairs and Meet the Employer workshops.

Industry partnerships help our students

ECU has partnerships with many organisations across WA, Australia or the world. Here are two examples of great partners who may offer you opportunities while you study.

IBM

This partnership gives you an opportunity to complete a paid internship during your ECU studies and possible employment when you graduate.

It's currently open to business, arts, design, computer science, information technology or project management students.

This exciting experience in a large consulting firm means working within IBM teams on real world projects involving their client companies.



“During my internship at IBM I got to work on and develop products that are already being used by the client now.”

Jakub Antoniewicz
ECU Computer Science graduate

West Coast Eagles

WCE Football Club is a key partner of ECU and provides our students with work placements as part of their studies and sometimes employs them when they graduate.

If you choose to study Exercise & Sports Science, Media and Communication (Broadcasting), Commerce (Sport Business), Sport, Recreation and Event Management or Marketing, Advertising and Public Relations, you could find yourself working with this highly successful club.



“My WCE experience helped me understand the way events work in a major sporting organisation and gave me a foot-in-the-door to full-time employment.”

Kate Diviney
ECU Sport and Event Management graduate

Art & Humanities at ECU

ECU's School of Arts and Humanities offers great opportunities to become a savvy, problem-solving, future-building advocate, thinker, and maker!

You'll get the chance to be inspired by our leading educators and join like-minded students on your journey to developing your own talents.

Our future-focused courses, which cover skills from today's most valued careers, will give you all you need to succeed, with a strong emphasis on practical learning in our industry-standard facilities.

When you graduate from ECU, you will be informed and empowered; able to navigate our complex global world; and be engaged directly in advancing social justice, realising individual human potential, and creating a diverse and inclusive culture.

Whether in creative humanities, or across a range of psychology and social science offerings, our courses provide excellent career opportunities in the caring and creative professions.

Regardless of the course you choose, we can't wait to see how you find your talent, explore your passion and change the world.

How to design a career you hadn't thought of

Aryana wanted a career where she could pursue creativity, but it had to be practical, valuable and meaningful.

She started with a Bachelor of Design at ECU's School of Arts and Humanities, and an open mind. She now works at IBM as a UX Designer and a Business Analyst.

 [Read more –
ecu.edu.au/extra/design-career](https://ecu.edu.au/extra/design-career)



Rankings

In the 2023 Good Universities Guide, ECU received a 5 star rating for teaching quality. This rating has now been achieved for 16 years in a row. ECU has also received the following rankings for its Arts and Humanities disciplines:





World-class facilities

ECU has made a major commitment to arts and humanities through investment in multimillion-dollar facilities including the redevelopment of design, photography, visual arts and media studios, and new broadcasting studios whilst building our new ECU City campus where technology, industry and creativity will meet.

The ECU Psychological Services Centre is a state-of-the-art psychology clinic and training centre where Clinical Psychology students provide services to the public under direct supervision of experienced clinical psychologists.



Connecting graduates with industry

Through our close links with industry professionals, we can ensure our teaching and courses are in line with what industries are seeking from graduates.

For example, students in their final semester of the Bachelor of Criminology and Justice degree have the option to complete a Capstone project, mentored by industry professionals and staff. The unit requires students to apply research and problem-solving skills.

Recent graduate of the course, Ola Zumis, said: **“Overall, my capstone project was a great experience that allowed me to hone my research and teamwork skills. I also appreciated the ‘real-life’ component of being supervised by an industry professional.”**

➔ [Read more —
ecu.edu.au/extra/criminology-capstone](https://ecu.edu.au/extra/criminology-capstone)





Love the arts but don't have an ATAR?

Our Creative Arts Portfolio Entry allows you to be considered for entry to specific undergraduate courses based on a digital portfolio of your work, plus an interview.

Look for the **CAPE** badge within this guide for eligible courses and majors.

→ Find out more — ecu.edu.au/cape



We're all about balance

The accessibility of our courses continues to grow as we offer more undergraduate courses online, and on all campuses, so you can balance your work, family and study commitments.

Professionally accredited courses

At ECU we offer you the option to study courses that are accredited, approved, or recognised by professional bodies such as:



Bachelor of Arts CAPE

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time		■	■	■
Part-time		■	■	■

At ECU we've developed an Arts course that prepares graduates with the skills needed to adapt to future workforces, whatever they may be. Arts graduates are highly employable and have an impact across our communities in many ways. They have strong critical, creative, practical and ethical skills that are highly adaptable within our increasingly diversified workplaces. So when you study a Bachelor of Arts, you'll experience a dynamic, creative and critical immersion in culture, history and politics. It's a transformative experience that's both interdisciplinary and empowering. The course allows you to choose between disciplines including Visual Arts, Creative and Professional Writing, English, or Historical and Political Studies. Most importantly, you'll be interacting with and learning from our dynamic staff who are accomplished artists and published writers of national and international standing and passionate about culture, politics and teaching.

Admission Requirements

One or more of the majors in this course has admission requirements. Refer to the major for more information.

Employment Opportunities

This degree provides students with lifelong transferable skills, equipping them for employment in a wide range of professional industries.

Careers

Public Servant, Government Adviser, International Consultant, Foreign Affairs Officer, Historian, Social Researcher, Heritage Consultant, Policy Analyst, Writer

Available Majors	JO	ML	SW	OL
Creative and Professional Writing		■	■	■
English		■	■	■
Historical and Political Studies		■		■
Visual Arts		■		

For those without an ATAR, this course is available via Creative Arts Portfolio Entry (CAPE).

→ [For more information visit ecu.edu.au/cape](http://ecu.edu.au/cape)

ECU offers one or more double degrees in this discipline. For more information please visit page 107.

→ [See more course information – ecu.edu.au/courses/W33](http://ecu.edu.au/courses/W33)

Bachelor of Counselling

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time		■		■
Part-time		■		■

Our counselling degree will start you on an enthralling journey to unravel the human mind. You'll begin to explore the relationship between biology, psychology and our environment. Like learning a different language, you'll immerse yourself in this explorative experience beginning with an exploration of yourself through self-reflection; a look at where both we, and others come from, our families, countries, languages, customs and practices. You'll learn about the development of humans – from infant development, to tumultuous adolescence, the becoming of adulthood, and culminating in the experience of older age, illness and death.

The course gives you the opportunity to learn interpersonal competencies, including communication, interpersonal skills, teamwork, self-reflection, negotiation and conflict resolution skills. The clinical knowledge, diverse expertise and experience of our academic staff will help you develop the foundational skills, to use this knowledge in the future – in your own relationships, but more importantly should you wish to pursue postgraduate studies in counselling and psychotherapy.

Admission Requirements

One or more of the majors in this course has admission requirements. Refer to the major for more information.

Employment Opportunities

This course prepares students for a range of entry-level human services positions which utilise counselling.

Careers

Entry-Level Counsellor, Client Liaison, Community Worker, Family Welfare Officer, Human Service Worker, Mental Health Worker, Pastoral Roles

Available Majors	JO	ML	SW	OL
Family and Child Support	■			■
Professional Youth Work	■			■

➔ [See more course information – ecu.edu.au/courses/C56](https://ecu.edu.au/courses/C56)

Bachelor of Criminology and Justice

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Crime and criminal behaviour are topics that fascinate many of us. Why people commit crime, how society should respond to crime and how can we prevent and minimise the harms associated with criminal behaviour are some of the issues you'll consider when you study criminology and justice at ECU.

Your studies will encompass the whole system –from how laws are made, through to how police, courts and corrections deal with people who break these laws. You'll also examine the concept of justice, and what it means to different groups of people in the criminal justice system, and to society more broadly.

Importantly, we start to prepare you for employment as soon as you start.

This preparation culminates in amazing opportunities such as workplace practicums, involvement in industry-based projects and work integrated learning via our own 'Criminal Justice Review Project'.

Our goal is to ensure that you're exposed to cutting-edge content and opportunities to help you decide how and where you want to contribute to the world of criminal justice.

Admission Requirements

One or more of the majors in this course has admission requirements. Refer to the major for more information.

Employment Opportunities

Students gain a significant background in the contemporary theory and research that informs criminology and justice professions. They also develop professional skills required for employment in criminology and justice, including Indigenous cultural responsiveness.

Careers

Police Officer, Community Corrections Officer, Parole Officer, Youth Justice Officer, Prison Officer, Research & Policy Officer, Family/Juvenile Counsellor, Family Law Case Worker, Customs Officer, Security Officer

Available Majors	JO	ML	SW	OL
Addiction Studies	■			■
Corrections	■			■
Family and Child Support	■			■
Policing	■			■
Professional Youth Work	■			■
Security Management	■			■

➔ [See more course information – ecu.edu.au/courses/G81](https://ecu.edu.au/courses/G81)



Associate Degree in Criminology and Justice

Indicative ATAR: 70

Duration: 2 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Adopts a contemporary approach to the education of practitioners in the areas of policing and corrections. Students will develop an understanding of the theory and research that informs policing practice and offender management, as well as excellent academic literacy skills, including cultural awareness. The course facilitates students' practical skills and provides opportunities to apply learning.

Admission Requirements

All applicants are required to meet the admission requirements of the Western Australian Police or the Department of Corrective Services. Applicants who have previously completed equivalent police or corrections training in another jurisdiction will be considered for entrance.

Admission requirements for WA Police can be found at www.stepforward.wa.gov.au

Admission requirements for Corrective Services (Community Corrections Officer, Youth Custodial Officer, Youth Justice Officer or Prison Officer) can be found at www.wa.gov.au/organisation/departement-of-justice/working-corrections

Practicum

Students are required to complete Police or Corrective Services training as a unit in the last semester of study. Students must apply for this independently, it is not organised by ECU.

For more information, see course details on our website.

Employment Opportunities

This course links closely with the WA Police Academy and the Department of Corrective Services, giving students the opportunity to participate in relevant practical training and providing a career pathway into policing or corrections.

The course also provides a unique career development opportunity for those working in the area of policing, security, public safety, custodial corrections or community corrections. Students are able to apply their existing knowledge of policing and/or offender management to their learning and develop their academic literacy skills with a high level of support. These skills include understanding and applying research, academic writing and critical thinking.

Careers

Police Officer, Community Corrections Officer, Parole Officer, Youth Justice Officer, Research & Policy Officer, Youth Custodial Officer, Prison Officer

→ [See more course information – ecu.edu.au/courses/C25](http://ecu.edu.au/courses/C25)

Bachelor of Design

CAPE

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time		■		
Part-time		■		

Design is an ability to question assumptions. Designers are trained to ask, 'why?' because this can lead to exciting changes in the way things are done. Design is also the ability to think through doing. Like sketching and drawing, making models or quick prototypes to test your ideas through materials. It's satisfying work. And if you're not having fun making, you're doing it wrong.



In our Bachelor of Design course, you can explore design through a specialisation in Visual and Spatial Design or Games and Interactive Design. You'll develop transferable visual and spatial problem identification, ideation, and prototyping skills to establish your own place in the world, with a personal style, as well as career opportunities and entrepreneurial skills. And because we have real clients that need our ideas, by the end of your course you'll have real work to show to launch your design career. Or you can go on to further study, such as our Master of Design course.

Employment Opportunities

Employment is available in Service Design, Graphic Design, Spatial Design, Healthcare Design, Strategic Design, UX (User Experience Design), Web Design, Game Design. Increasingly, Design is a valued skill in a range of ancillary industries and students can work in transdisciplinary areas such as designing games for education and training, working with architectural design companies to create visualisations, and plan and manage public space, work with information industries such as libraries, archives and museums. The course equips students in managing projects, clients, and their roles in teams as well as the generic skills required to adapt to a rapidly evolving industry.

Careers

Graphic Designer, Spatial Designer, Service Designer, Web Designer, Game Designer, Interior Designer, Conceptual Artist, Illustrator

Available Majors

	JO	ML	SW	OL
Games and Interactive Design		■		
Visual and Spatial Design		■		

For those without an ATAR, this course is available via Creative Arts Portfolio Entry (CAPE).



For more information visit ecu.edu.au/cape

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information – ecu.edu.au/courses/W64

Bachelor of Global Media and Communication



INTERNATIONAL DUAL DEGREE

Indicative ATAR: 70

Duration: 3.5 years full-time or part-time equivalent

Availability: JO ML SW OL

Full-time



Part-time



Secondary Location

The first two years of the course and final semester (fourth year) are delivered at ECU's Mount Lawley Campus. The third year (full-time) is delivered at the University of Portsmouth, Portsmouth, United Kingdom. Students will need to relocate to Portsmouth for this portion of the course.

This International Dual Degree provides you with an opportunity to gain valuable international experience while receiving two degrees.

Graduates will receive both a Bachelor of Global Media and Communication from ECU, and a BA (Hons) Global Communications and Media from the University of Portsmouth (UK). It will equip you with the necessary skills for a career in the media and communications industry and takes advantage of the specialisations each university offers.

The course prepares graduates to work in the media industries nationally and internationally. It focuses on providing a critical understanding of global media, practical industry skills, cultural contexts and professional communication, and fosters a creative and critical global mindset. The choice of units will help you navigate complexity and diversity in a rapidly changing work environment. Specialisations are available in either Media and Journalism or Screen, Media and Cultural Studies providing relevant industry skills and a comprehensive transdisciplinary understanding of media production, consumption and representation.

Admission Requirements

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Employment Opportunities

This degree provides students with advanced communication and critical engagement skills that are essential in a wide range of professions.

Careers

Broadcaster, Journalist, Writer, Communications Officer, Film Maker, Script Writer, Content Creator, Media Commentator, Production Manager

Available Majors	JO	ML	SW	OL
Media and Journalism		■		
Screen, Media and Cultural Studies		■		

→ See more course information – ecu.edu.au/courses/T58

Bachelor of Media and Communication CAPE

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time		■		■
Part-time		■		■

Employers are looking for people who can think strategically, be creative, communicate strongly, work in teams and problem-solve. Skills you'll be developing when you study our Media and Communication degree. Here, you'll be multi-skilling, working with peers on diverse and exciting projects and adapting to an ever-changing media world. Students acquire knowledge about the cultural impact of the media and gain critical insights to make a meaningful contribution to the local and global communication industries and wider society.

We encourage flexibility, so you can specialise in Advertising, Broadcasting and Digital Journalism, Media and Cultural Studies, Public Relations, Photomedia, Screen Production or Screen Studies. Or maybe two of these areas. Or pair one with a major from Arts or Design.

It's your journey, so choose where you want to go! Whatever your chosen path, you can expect to be guided by highly qualified staff, including award-winning practitioners, teachers, and world standard cultural studies academics. You'll have opportunities for placements and real-world projects, thanks to our strong links with industry. And the students you meet and work with at ECU will probably become industry colleagues of the future.

Admission Requirements

One or more of the majors in this course has admission requirements. Refer to the major for more information.

Employment Opportunities

This degree provides students with advanced communication and critical engagement skills that are essential in a wide range of professions.

Careers

Broadcaster, Journalist, Writer, Public Relations Consultant, Communications Officer, Film Maker, Script Writer, Social Media Analyst, Content Creator

Available Majors	JO	ML	SW	OL
Advertising		■		■
Broadcasting and Digital Journalism		■		
Media and Cultural Studies		■		■
Photomedia		■		
Public Relations		■		■
Screen Production		■		
Screen Studies		■		

For those without an ATAR, this course is available via Creative Arts Portfolio Entry (CAPE).

→ For more information visit ecu.edu.au/cape

ECU offers one or more double degrees in this discipline. For more information please visit page 107.

→ See more course information – ecu.edu.au/courses/W63

Bachelor of Psychology

Indicative ATAR:	70			
Duration:	3 years full-time or part-time equivalent			
Availability:	JO ML SW OL			
Full-time	■			■
Part-time	■			■

Psychology is about all of us. Our lived experiences, our feelings, thoughts, behaviours, understandings, interactions, and decisions. It's also about the way we live with ourselves and others. Our degree in psychology is designed for students with a humanities or science background and is a bridge to many different employment opportunities, including in mental health, human resources, child and family services, alcohol and drug counselling, rehabilitation and disability, migrant support or research and policy development. It will equip you with skills in analysing and researching behaviour and explaining interactions between people and their environment, learning from expert academics, researchers and practitioners.

This course is accredited with the Australian Psychology Accreditation Council and recognised internationally. When you graduate, you'll have a pathway to Honours and postgraduate studies, leading to registration as a psychologist.

Professional Recognition

Australian Psychology Accreditation Council (APAC) has accredited this course.

Employment Opportunities

Employment opportunities in psychology span across many fields, including human resources management, criminal justice, education, rehabilitation, business, mental health, counselling, and the administration and provision of social services; in particular, performing in any job or role that involves understanding and guiding human behaviour, showing empathy and compassion, and displaying skills such as the ability to evaluate the needs of a client, write formal reports, and keep accurate and organised records. Finally, this course will prepare students for further postgraduate studies in psychology.

Careers

Public Sector Worker, Government Agency Worker, Market Researcher, Children and Family Service Provider, Marketer, Human Resource Worker, Statistician, Mental Health Services Worker, Financial Service Worker

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information – ecu.edu.au/courses/W74



Bachelor of Psychology and Counselling

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

This course provides students with introductory counselling skills to complement their knowledge of the discipline of psychology. It prepares students for working in a counselling role, or for further postgraduate studies in psychology and counselling. The course equips students with skills in analysing, researching behaviour and explaining interactions between people and their environment.

Professional Recognition

Australian Psychology Accreditation Council (APAC) has accredited this course.

Employment Opportunities

Employment opportunities include counselling, human resources management, criminal justice, education, rehabilitation, business, mental health, and the administration and provision of social services, and performing in any job or role that involves understanding and guiding human behaviour, showing empathy and compassion, and displaying skills such as the ability to evaluate the needs of a client, write formal reports, and keep accurate and organised records; in particular, this double major of psychology and counselling prepares students for work in a counselling role, or for further postgraduate studies in psychology and counselling.

Careers

Counsellor, Public Sector Worker, Government Agency Worker, Market Researcher, Children and Family Service Provider, Marketer, Human Resource Worker, Statistician, Mental Health Services Worker

→ See more course information — ecu.edu.au/courses/W65

Bachelor of Psychology, Criminology and Justice

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

This course is designed for students who wish to pursue further study in the area of psychology, criminology, or justice, or those who wish to be employed within the criminal justice system. The course equips students with skills in analysing, researching behaviour and explaining interactions between people and their environment.

Professional Recognition

Australian Psychology Accreditation Council (APAC) has accredited this course.

Employment Opportunities

Employment opportunities include case management in the criminal justice system, human resources management, education, rehabilitation, business, mental health, and the administration and provision of social services, and performing in any job or role that involves understanding and guiding human behaviour, showing empathy and compassion, and displaying skills such as the ability to evaluate the needs of a client, write formal reports, and keep accurate and organised records; in particular, this double major of psychology, criminology and justice prepares students for work within the criminal justice system, or for further postgraduate studies in psychology, criminology and justice.

Careers

Criminology and Justice System Worker, Counsellor, Public Sector Worker, Government Agency Worker, Market Researcher, Children and Family Service Provider, Marketer, Human Resource Worker, Statistician

→ See more course information — ecu.edu.au/courses/W73

Bachelor of Social Science

Indicative ATAR:	70			
Duration:	3 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Are you passionate about working with and supporting people and communities to enhance their wellbeing? Our Social Science degree provides you with the skills, knowledge and capacity to make that kind of difference. In this course, you'll study social change, gender equality, community development, sustainability and cultural diversity, child development, working with groups, and policy development through a social justice and human rights lens. You'll also learn how to conduct social research using a range of methods, techniques and technologies.

You can study completely online, or on-campus. Either way, you'll be under the guidance of lecturers who have extensive industry and research experiences to share with you. During your studies, you'll have opportunities to develop your networks, meet industry professionals and apply your knowledge to become work ready through 400 hours of field placement. And as a graduate with a Social Science degree, you'll be recognised by the Australian Community Workers Association and be eligible for full membership.

Practicum

Students are required to complete a professional placement unit during the course. The requirements for this professional placement vary depending on the major that is selected but both majors must meet the Standards of Practice as set by the Australian Community Workers Association (ACWA). There are attendance requirements for this practicum.

Clearance and/or Risk Management Protocols Required

Risk Management Assessment is negotiated with the agencies and ECU under agreement arrangements. Prior to placement students must upload into SONIA a current National Police Clearance. The Unit Coordinator may

discuss the contents of the National Police Clearance with the student if there is any potential risk to student, agency and ECU. Agencies may request a Working with Children Check (or equivalent) before commencing placement. Students on practicum must observe professional practice rules.

For more information, see course details on our website.

Professional Recognition

Australian Community Workers Association (ACWA) have accredited this course. To meet the professional accreditation requirements with ACWA, students must undertake certain units including 400 hours in the community and social science field.

Employment Opportunities

This course prepares graduates for working with people and communities, and being able to specialise in family support, community work and community development.

Careers

Community Worker, Community Development Officer, Policy Officer, Family Support Officer, Parent Education Coordinator, Project Officer

Available Majors	JO	ML	SW	OL
Children and Family Studies	■			■
Human Services and Community Work	■			■

➔ [See more course information — ecu.edu.au/courses/C58](https://ecu.edu.au/courses/C58)



Bachelor of Social Work

Indicative ATAR:	70			
Duration:	4 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time			■	■
Part-time			■	■

Social workers are champions for social justice, equality and human rights. They stand alongside individuals and communities to improve society's overall wellbeing, especially for the most vulnerable populations. Our Social Work course is taught by staff with extensive frontline social work experience. It focuses on working alongside regional, rural and remote communities, and integrating sustainability into social work practice.

With the professional skills you'll develop, your career can take you in many directions. This might include working in mental health, community development, child protection or social research. You could be running groups, such as with young people, new parents, or people in prisons. Or you could be supporting communities to organise projects, campaigning for impactful social policy to transform systemic issues like homelessness, racism or even climate change.

Clinical or Professional Work Placement

Students are required to undertake two 14-week social work field placements.

For more information, see course details on our website.

Professional Recognition

Australian Association of Social Workers (AASW) has accredited this course.

Membership

Graduates are eligible to apply for membership with the Australian Association of Social Workers (AASW).

Non-Standard Timetable

Students who elect to study online will be required to attend for face-to-face, classroom-based activities for a minimum of 20 days (140 hours) spread over the four years of the course. This is a requirement set by the Australian Association of Social Workers (AASW) for accredited programs that are offered online. Graduates of accredited programs are eligible for membership to AASW.

Careers

Community Development Officer, Mental Health Worker, Human Service Manager, Child Protection Officer, Policy Research Officer, Hospital Social Worker, Community Health Worker, Family Support Worker, Disability Advocate

➔ [See more course information – ecu.edu.au/courses/K41](https://ecu.edu.au/courses/K41)



Bachelor of Youth Work

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Provides a comprehensive program of study in the essentials of youth work as an embedded practice within community work. The course includes specialist units in youth work, plus complementary studies in community work. Students can choose complementary areas of study such as Aboriginal and Intercultural Studies, Addiction Studies, Family and Child Support, Community Work, Criminology, Psychology, Counselling, Visual Arts, Media and Communication, Events Management, and Outdoor Adventure.

Practicum

A key feature of the course is the year-long supervised practicum that offers students the opportunity to gain real world experience working with young people in supportive environments. This is a core unit. Students graduate with valuable employability skills and enhanced job prospects. There are attendance requirements for this practicum.

Clearance and/or Risk Management Protocols Required

Risk Management Assessment is negotiated with the agencies and ECU under agreement arrangements. Western Australian applicants are required to have a Working With Children Check. Applicants from other Australian states and territories must be able to meet the criminal records checks relevant to their jurisdiction. International students must meet Western Australian requirements, in addition to the requirements of their home country. The practicum coordinator must view the Working with Children Check before students commence practicum. Placement agencies may also need to see the Working with Children Check.

If a student is denied this card they will not be able to complete the practicum and will not be able to graduate from the course. Students on practicum must observe professional practice rules.

For more information, see course details on our website.

Membership

Graduates are eligible to apply for membership with the Youth Work WA. Graduates can apply for full membership of Youth Work WA.

Employment Opportunities

This course prepares graduates for various positions in youth work. Entry level positions may be in youth welfare services including homeless support services, youth health, youth advice, advocacy and support programs, in the education sector or with local government. Graduates also find employment in youth holiday programs, youth activity centres, informal education with young people, school-based support programs, and chaplaincy. Graduates who take double majors may be prepared for graduate roles in youth addiction, youth justice, child protection or youth mental health services, depending upon their choice of complementary major.

Depending on students' selection of complementary studies they may wish to pursue careers with a special focus on recreation, sport, adventure programs, youth arts, youth counselling, addiction services, youth mental health services, or youth justice.

Employers of youth work graduates include, Local, State and Federal Government, National Charities and local community organisations.

Careers

Youth Worker, Youth Support Worker, Youth Development Officer, Youth Activities Officer, Youth Welfare Worker, Youth and Family Mediation, Youth Health Educator, Youth Policy Officer, Youth Outreach Worker



See more course information – ecu.edu.au/courses/C57

Business & Law at ECU

At ECU's School of Business and Law, you'll learn skills that make you competitive in an ever-changing world of work. Our programs offer a global perspective and prepare our graduates to find employment or establish their own businesses in a variety of fields in Australia or overseas.

Whether you're looking to start a career or pursuing a change of direction, this guide will help you choose from an exciting mix of contemporary and professionally-accredited courses. And to fit study into your busy life, there's the added flexibility of being able to study online, part-time or even through a Summer School program.

In every course you'll get the latest theoretical knowledge in your chosen discipline and test your learning with practical, hands-on experiences in our fantastic on-campus facilities. You'll also build general skills that employers are always seeking by participating in workplace practicums or internships through our network of industry partners.

Set yourself up for a rewarding career with a degree from the School of Business & Law.



Why study Commerce at ECU?

- 1 The top public university in Australia for undergraduate overall educational experience, skills development and learning resources in Business and Management (Good Universities Guide, 2023).
- 2 All students are guaranteed real-world learning experience through Work Integrated Learning.
- 3 Access real-time global financial market data using Refinitiv Eikon software in the SMART Lab and tap into the latest social media data analytics using Synthesio, Hootsuite and other industry relevant platforms in our Digital Hub.
- 4 Collaborate in the Centre for Business Development and our Business Bureau or put theory into practice in our ECU Tax clinic working with tax professionals.

Why study Law at ECU?

- 1 The number one WA university for undergraduate skills development and student support in Law and Paralegal Studies (Good Universities Guide, 2023).
- 2 WA's only online law degree professionally accredited by the Legal Practice Board of Western Australia (LPBWA).
- 3 Access to our state-of-the-art Moot Court which simulates a real-world legal environment.
- 4 Real-world experience opportunities under the supervision of legal practitioners with the on-campus ECU Tax Clinic and the Northern Suburbs Community Legal Centre.

ECU ranked among the best



#1 Business School for Quality in Australia (AFR BOSS Best Business Schools, 2022).



Top public university in Australia for Undergraduate Overall Educational Experience, Skills Development and Learning Resources in Business and Management (Good Universities Guide, 2023).

Top WA university for Undergraduate Skills Development and Student Support in Law and Paralegal Studies (Good Universities Guide, 2023).



Australia's top public university for Overall Educational Experience, Skills Development and Learning Resources in Undergraduate Business and Management (QILT 2021).

WA's top university for Undergraduate Skills Development and Student Support in Undergraduate Law and Paralegal Studies (QILT, 2021).



The Business disciplines at ECU are accredited by AACSB International – held by less than six percent of business schools globally.



Top 250 university in the world for Business and Economic studies (THE Subject Rankings, 2023).



Top 30 in the world in the 2022 ShanghaiRanking's global rankings for Hospitality & Tourism Management.



Real-world experiences

ECU and WA Police collaboration project

ECU Law students and trainee detectives from WA Police are working together to provide valuable real-world training opportunities.

ECU Law students act as a prosecutor and defendant counsel in mock trials. Students are presented with a prosecution brief less than 24 hours before they are due to appear in a mock court.

WA Police trainee detectives are required to present the results of their investigations on a case study in these mock trials.

These projects are designed to replicate a real-life court experience that cannot be replicated in the classroom.

In-house work experience as a tax adviser



Australian Government

If you are studying Bachelor of Laws, Bachelor of Commerce or Master of Professional Accounting, you'll have the opportunity to provide tax advice under the supervision of qualified tax managers at the ECU Tax Clinic. Supported by funding from the Australian Government and located on the Joondalup Campus, the clinic offers this free service to individuals, small businesses, charities and not-for-profit organisations who due to some vulnerability may not be able to afford professional tax advice.



Life's a successful project for Ethan the intern

ECU and global technology giant IBM are creating opportunities for students to 'Earn As They Learn' by providing applied industry experience with IBM and its clients.

Ethan Culff got a lot more than he bargained for when he started his Commerce degree majoring in Project Management. Through ECU's work placement program, he was offered a paid internship with IBM.

Aside from the theory, he was able to put his studies into practice. It also gave him some valuable insights into what it's like working in a real workplace.

Ethan says it has improved his practical, technical and social skills. Best of all, he was offered employment as an Associate Consultant at IBM following his internship.

Find out how ECU's Bachelor of Commerce will equip you for a rewarding career from day one on page 32.



Bachelor of Commerce

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■		✳	■
Part-time	■		✳	■

✳ Commerce students at ECU South West will be offered six common core units and the opportunity to complete some electives on campus. In order to complete the Bachelor of Commerce, however, students should be prepared to complete the remaining units online or at ECU's Joondalup Campus.

ECU's Bachelor of Commerce will equip you with the business knowledge and skills to set you up for career success.

Throughout your course – starting from day one – you'll be supported to develop your career. You'll be advancing your networking by learning from industry-experienced academics, participating in industry-ready activities, and gaining practical experience in applying theoretical concepts in real-world settings through different types of Work Integrated Learning (including internship opportunities)

You will also gain critical skills in the areas of leadership, teamwork, critical thinking, communication, sustainability, ethics, and problem-solving.

Tailor your course to your interests with professionally accredited and well-recognised majors that are developed in consultation with the industry. You can create your own mix of majors, minors, and electives.

You'll have the flexibility to study through various delivery modes in a mix of on-campus, online, and on-the-job activities. There are also many opportunities to participate in extra-curricular activities such as ENACTUS* and study tours.

Employment Opportunities

The Bachelor of Commerce prepares students for a diverse range of business-related careers.

Available Majors	JO	ML	SW	OL
Accounting	■			■
Accounting and Finance	■			■
Entrepreneurship	■			■
Event Management	■			■
Finance	■			■
Health Management	■			■
Human Resource Management	■			■
International Business	■			■
International Hotel and Resort Management	■			■
Law in Business	■			■
Management	■			■
Marketing	■			■
Project Management	■			■
Sport Business	■			■
Tourism and Hospitality Management	■			■

ECU offers one or more double degrees in this discipline. For more information please visit page 107.

➔ See more course information – ecu.edu.au/courses/W23

*Enactus ECU is a student-led organisation that ideates, develops and delivers projects in alignment to the 17 UN Sustainable Development Goals. Students put theories learned into practice through real-life projects with environmental and societal impact enactusecu.org.



Bachelor of Global Sport Business Management

Indicative ATAR:	70			
Duration:	3 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

This course provides specific, industry-focused theoretical knowledge and practical skills for a career in the dynamic and globalised sport industry, including the fast-paced and growth area of event management. It will provide you with the essential knowledge, competencies and professional perspectives required by middle and senior levels of management in these industries.

The course commences with an introduction to the sport and event industries and focuses on the key aspects of sport delivery systems, event management, leadership and programming, business environments and markets, culture and professional identity development, sport and recreation facilities and services management, strategic and human resource management, marketing in global sport business, funding and finance, sport venue management, event operations management, legal aspects, marketing analytics and business research and planning.

Practicum

Students will undertake work placement in three units in a sport or recreation programming setting, a not-for-profit, incorporated sport organisation/club and a staffed recreation/leisure facility. There are attendance requirements for this practicum.

Clearance and/or Risk Management Protocols Required

Some organisations may require clearances, screenings and certificates, and will liaise directly with students regarding any requirements. Students on practicum must observe professional practice rules. For more information, see course details on our website.

Employment Opportunities

There are career opportunities in a range of professional, commercial, not-for-profit and government sport, recreation and event organisations at local, state, national and international levels. Roles may involve managing aspects of clubs, associations and federations, events, facilities, sport and entertainment venues, player and athlete development, programs, activities and services, sales, communications and marketing or the hiring, training and supervising of staff.

Careers

Sport Development Manager, Sport Marketing and Sponsorship Manager, Sport Social Media Manager, Sport Membership Manager, Sport Club Manager, Player Manager, Fan Engagement Manager, Sport Venue Manager, Event Manager, Commercial Partnerships Manager, Recreation Facility Manager, Aquatic Centre Manager, Sport and Recreation Service Manager, Fitness and Wellbeing Manager

Available Majors	JO	ML	SW	OL
Human Resource Management	■			■
Management	■			■
Marketing	■			■
Sports Science	■			
Tourism and Hospitality Management	■			■

[→ See more course information — ecu.edu.au/courses/Y53](https://ecu.edu.au/courses/Y53)



Bachelor of Global Sport Business Management (International) NEW



sport organisations, event operations management, sales and marketing in global sport business, sport law, sport and event funding, finance and economics, sport entrepreneurship and business venturing, operational and strategic management in sport, sport stadia, venue and event management, marketing analytics and business research and planning.

Students also undertake a range of work placements and project work with relevant industry organisations in local and international contexts.

Practicum

This dual degree provides approved students (on application and subject to a selection process) with the opportunity to apply for an internship placement with a leading sport, recreation and/or event organisation.

Employment Opportunities

There are career opportunities in a range of professional, commercial, not-for-profit and government sport, recreation and event organisations at local, state, national and international levels. Roles may involve managing aspects of clubs, associations and federations, events, facilities, sport and entertainment venues, player and athlete development, programs, activities and services, sales, communications and marketing or the hiring, training and supervising of staff.

Careers

Sport Development Manager, Sport Marketing and Sponsorship Manager, Sport Social Media Manager, Sport Membership Manager, Sport Club Manager, Player Manager, Fan Engagement Manager, Sport Venue Manager, Event Manager, Commercial Partnerships Manager, Recreation Facility Manager, Aquatic Centre Manager, Sport and Recreation Service Manager, Fitness and Wellbeing Manager

INTERNATIONAL DUAL DEGREE

Indicative ATAR:	70			
Duration:	4 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Secondary Location

The first two years are delivered on campus by Edith Cowan University. The third year is delivered on campus by the University of Portsmouth in the United Kingdom, and the fourth year is delivered on campus by Edith Cowan University on campus.

This International Dual Degree will provide valuable international experiences and cultural perspectives. You'll gain industry-focused knowledge and practical skills for a managerial career in the dynamic and globalised sport industry, including in the fast-paced and growth area of event management by studying for three years at ECU (Years 1, 2 and 4) and one year in the UK at the University of Portsmouth (Year 3).

You'll graduate with a Bachelor of Global Sport Business Management (International) from ECU and a BSc (Hons) Global Sport Management from the University of Portsmouth (UK).

You will develop an international perspective on the essential business knowledge and professional competencies required by middle and senior managers in a variety of roles across commercial, professional, not-for-profit and government sectors at local, state, national and international levels, as well as those sport businesses which operate in a global context.

You'll develop disciplinary knowledge and skills in the key aspects of sport delivery systems, sport and recreation facilities and services management, culturally responsive sport leadership and programming for diverse community needs, business environments and markets, culture and professional identity development, human resource management in

Available Majors	JO	ML	SW	OL
Entrepreneurship	■			■
Human Resource Management	■			■
Management	■			■
Marketing	■			■
Sports Science	■			
Tourism and Hospitality Management	■			■



See more course information – ecu.edu.au/courses/T90

Bachelor of Hospitality and Tourism Management

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

This degree will equip you for a career in the hospitality and tourism management sector – one of the fastest growing and high demand industries around the world.

You'll gain an understanding of food and beverage management, sustainable tourism development, managing the service experience, business identity and protocols, the business environment, and event management. You can further specialise your degree with marketing, human resource management, international business or events management.

This course will expose you to industry standard technology and you'll develop international and cultural perspectives. You'll graduate with the essential skills to succeed in middle and senior levels in hospitality and tourism management.

Employment Opportunities

There are career opportunities within a diverse range of global hospitality and tourism businesses including hotels, resorts, tour companies, travel agencies, visitor centres, theme parks, visitor attraction sites, convention centres, events companies, restaurants, and cafés and bars. Graduates may be involved in the operations and management of accommodation provision and servicing, food and beverage services (including in restaurants, cafés and bars), entertainment, gaming, conferences, events and banquets, tourism operations, visitor services, sales and marketing, and the hiring, training and supervising of staff.

Careers

Hotel Manager, Resort Manager, Food and Beverage Manager, Front Office Manager, Hotel Sales Manager, Tour Operator, Visitor Centre Manager, Theme Park Manager, Eco-tourism Operator



See more course information – ecu.edu.au/courses/K93

Bachelor of Laws

Indicative ATAR: 85

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Make a positive change in the world with a fully accredited law degree that can be studied on-campus or online.

This course equips you for a rewarding career in the legal, corporate, commercial or social justice fields. You can tailor the course to your area of interest by specialising in specific areas of law.

You'll have the chance to put theory into practice. There are also opportunities to work on real-life cases in our Community Legal Practice unit, compete in mooting competitions nationally and internationally, and be involved in the Law Society Peer Mentoring Program.

You'll graduate prepared for a career in the courtroom and beyond.

Admission Requirements

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Professional Recognition

Legal Practice Board of Western Australia (LPBWA) has accredited this course.

Certification

ECU's Law degrees are certified by the Australian Law Schools Standard (ALSS) Committee, which is accorded to universities who pursue excellence in their operations, culture, mission and vision of Law.

Registration

Students will need to graduate to be eligible to register with the Legal Practice Board of Western Australia (LPBWA). Registration with the Legal Practice Board of Western Australia (LPBWA) is required to practice in the profession.

The Bachelor of Laws degree (LLB) satisfies the academic requirements for the admission as a legal practitioner in Western Australia and is professionally accredited by the Legal Practice Board of Western Australia.

For information about the admission process and the additional requirements that must be completed to be eligible for admission, contact the Legal Practice Board of Western Australia.

Employment Opportunities

There are career opportunities in private practice, in-house corporate practice and in-house government roles. Corporate planning, government policy, politics, journalism, creative writing and many other careers that require excellent written and verbal communications skills, and logic and analytical ability are also options for graduates.

Careers

Lawyer, Barrister, Solicitor, Legal Practitioner, Courts Administrator, Civil Service Administrator, Tax Inspector, In-house/Community Legal Adviser, Legal Publisher

ECU offers one or more double degrees in this discipline. For more information please visit page 107.

→ See more course information – ecu.edu.au/courses/V72

Bachelor of Laws (Graduate Entry)

Indicative ATAR:	Not applicable			
Duration:	3 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Do you have a bachelor's degree in another field and an interest in studying law?

Make a positive change in the world with a fully accredited law degree that can be studied on-campus or online in three years full-time study or part-time equivalent. You can also tailor the course to your area of interest by specialising in specific areas of law.

This course equips you with the skills for a rewarding career in the legal, corporate, commercial or social justice fields. You can tailor the course to your area of interest by specialising in specific areas of law.

You'll have the chance to put theory into practise. There are also opportunities to work on real-life cases in our Community Legal Practice unit, compete in mooted competitions nationally and internationally, and be involved in the Law Society Peer Mentoring Program.

You'll graduate prepared for a career in the courtroom and beyond.

Admission Requirements

All applicants are required to have a recognised Bachelor or Master's degree in any discipline. Alternatively applicants can have a Graduate Certificate or Graduate Diploma, where in the opinion of the Course Coordinator, the student has appropriate experience/achievements since graduation to qualify them for admission to the course.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Professional Recognition

Legal Practice Board of Western Australia (LPBWA) have accredited this course.

Certification

ECU's Law degrees are certified by the Australian Law Schools Standard (ALSS) Committee, which is accorded to universities who pursue excellence in their operations, culture, mission and vision of Law.

Registration

Students will need to graduate to be eligible to register with the Legal Practice Board of Western Australia (LPBWA). Registration with the LPBWA is required to practice in the profession.

The Bachelor of Laws degree (LLB) satisfies the academic requirements for the admission as a legal practitioner in Western Australia and is professionally accredited by the LPBWA. For information about the admission process and the additional requirements that must be completed to be eligible for admission, contact the LPBWA.

Employment Opportunities

There are career opportunities in private practice, in-house corporate practice and in-house government roles. Corporate planning, government policy, politics, journalism, creative writing and many other careers that require excellent written and verbal communications skills, and logic and analytical ability are also options for graduates.

Careers

Lawyer, Barrister, Solicitor, Legal Practitioner, Judge's Associate, In-house Counsel, Community Legal Adviser, Government Legal Officer

→ See more course information – ecu.edu.au/courses/Y11



Bachelor of Marketing, Advertising and Public Relations

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■	+	■	■
Part-time	■	+	■	■

The Marketing units are available on the Joondalup Campus, and the Advertising and Public Relations units are available on the Mount Lawley Campus.

This unique degree blends marketing, advertising and public relations, so you'll graduate with a suite of skills to work in any creative industry. You'll hone your marketing skills with strategic business management knowledge, and gain employability skills, including critical thinking, teamwork, communication and problem-solving. You may also get the opportunity to do a work placement in your area of interest, giving you advanced access to industry contacts, and a practical insight into future jobs.

You'll work with real-world industry contacts, using industry standard software to ensure you gain the skills you need to attract new customers, retain existing customers and enhance the relationship with the product, brand, or organisation. You'll also gain practical experience in both traditional and digital media, and create portfolios that showcase your learnings and talents.

Combined with the art, science and strategy of advertising, and the communications practice of public relations, you'll graduate ready for a diverse career.

Employment Opportunities

This combination of three disciplines in one course equips graduates with a competitive career advantage across a wide range of industries. Students can also focus on areas of interest through four elective units. There are career opportunities in business-to-business, business-to-consumer, government-to-consumer and the not-for-profit sectors.

Careers

Marketing Manager, Brand Manager, Product Manager, Business Development Manager, Market Researcher, Media Planner, Advertising and Promotions Manager, Copywriter, Desktop Publisher



See more course information — ecu.edu.au/courses/Y99



Engineering at ECU

ECU has been ranked in the top 175 universities in the world for Engineering by the Times Higher Education World University Rankings for 2023.

As an ECU engineering student, you'll study in some of the best-equipped, industry-grade engineering labs in Australia, with the opportunity to work on real-world projects and develop strong contacts through industry engagements, events and internships.

With an ECU engineering degree, you'll graduate as a world-ready engineer, able to work globally and capable of meeting the challenges of the future.



ECU ranked 151-175 for Engineering (Times Higher Education 2023)



Did You Know?

When you study Engineering at ECU, you can...

Start with a taste of everything

All of our engineering honours courses have a common set of eight units in the first year. This allows you to develop a better understanding of the engineering disciplines we offer. It also gives you the flexibility to switch to another engineering course, if desired, after your first year.

Start like a professional

One of the most valuable things our engineering students learn from the beginning of their course is applied experience in purpose-built labs. Many of our labs have been built in collaboration with industry and they're world-class. This means you'll be ready for the real thing when you graduate.



10 reasons to choose Engineering at ECU

1. Global rankings

ECU is ranked in the world's top 175 universities for Engineering (Times Higher Education 2023).

2. World-class facilities

Get practical experience in some of the most advanced engineering labs in Australia. Our labs are equipped with the latest technology, such as cutting-edge 3D printers, building-scale structural testing equipment, automated manufacturing, environmental remediation technologies, smart energy systems, and much more.

3. Top in WA for engineering

ECU has been ranked the top university in Western Australia for undergraduate Engineering education, across all six indicators (QILT SES results 2021).

4. Industry connections

Our courses are developed in close consultation with industry and, in addition to a 12-week formal work placement, you will have many opportunities to engage with industry-based projects throughout your studies.

5. Professionally accredited

All of our Bachelor of Engineering (Honours) and Master of Engineering courses are accredited by Engineers Australia.

6. Global recognition

You can work wherever you choose because our accredited courses are globally recognised under the Washington Accord.

7. Choice

Choose from over 20 Engineering and Technology courses across a wide range of traditional and emerging discipline areas.

8. Engineering student clubs

Expand your horizons by joining dynamic student clubs like the Climate Change Combat Engineering Society, Women in Engineering, Edith Cowan Aviators, ECU Robotics, Engineers Without Borders, Edith Cowan University Racing, and more.

9. Scholarships

You could secure a \$20,000 scholarship if you excel in Year 12.

10. Range of admission pathways

Our Technology courses provide a pathway to study in the field of engineering if you don't meet the prerequisites, or wish to graduate as an Engineering Technologist instead of a Professional Engineer.



What kind of Engineer will you be?



Chemical Engineer

Production of pharmaceuticals, polymers and other chemicals; oil and gas refining; mineral processing; food and wine production; industrial process design; environmental protection.



Civil Engineer

Design and construction of roads, buildings and bridges; design of water supply and water management systems; development of harbours and railways.



Computer Systems Engineer

Design of computer and digital systems; embedded systems development; hardware/software integration; robotic and intelligent system implementation.



Electrical Engineer

Design, development and maintenance of systems for power generation and distribution; renewable energy systems planning; design and commissioning of electrical plant for mining or industry.



Instrumentation Control and Automation Engineer

Automation of mining and mineral processing operations; development of automated manufacturing systems; process control for industrial production facilities.



Maritime Engineer

Design and commissioning of oil and gas rigs, ports and harbours; marine system design and operation; marine surveying and coastal engineering; naval architecture; offshore renewable energy infrastructure development.



Mechanical Engineer

Design, optimisation and maintenance of mechanical systems; automotive and manufacturing engineering; development of systems for materials handling and mineral processing; air handling and conditioning system design.



Mechatronics Engineer

Automation of industrial systems; design and development of robotic and smart mechanical systems; advanced and intelligent manufacturing; industrial process control.



Motorsports Engineer

Design and development of high-performance vehicles; automotive and manufacturing engineering; engine and vehicle system optimisation; motorsports team management.



Petroleum Engineer

Exploration, evaluation and drilling of oil and gas reservoirs; production, delivery and downstream processing of hydrocarbons.

Bachelor of Engineering (Chemical) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

The chemical engineering discipline is principally concerned with the application of knowledge of how materials and chemicals interact or can be converted in some way to a more useful form, as part of a processing, production or refining process.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development. As a result, graduates will gain strong analytical skills, and have the ability to lead complex projects as well as having multiple technical and transferable competencies.

The course provides a sound basis in mechanics, mathematics, and the principles of engineering design in the first two years of study, along with

core areas of engineering science, including chemistry and materials science, fluid mechanics, process systems and thermodynamics. In the final two years of study, a range of more specialist chemical engineering topics are covered, including process design, operations and control, to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Chemistry ATAR and either Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Chemistry ATAR or Physics ATAR or Engineering Studies ATAR may need to take bridging unit(s) in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.



Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Chemical engineers work in a wide range of domains, from mineral processing, mining, and oil and gas, through to industries associated with clothing, food, packaging, fertilisers, pharmaceuticals and many other manufacturing and biological processes.

In Western Australia, many chemical engineers find career opportunities in the extensive mining, mineral processing, and oil and gas industries, which dominate the industrial profile of the state. Chemical engineers play a central role in both the production, refining and downstream processing in these important resource-based industries.

Careers

Chemical Engineer, Process Engineer, Design Engineer, Plant Engineer, Petrochemical Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information – ecu.edu.au/courses/Y50



“I completed a 12-week paid work placement at Woodside, in Perth’s CBD, and loved it.”

Megan Clayton
ECU Chemical Engineering student



Bachelor of Engineering (Civil) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Civil engineering is the branch of engineering that deals with the design, construction and maintenance of the human-made environment, including buildings, roads, bridges, tunnels, dams, and other large physical structures. The course is designed to equip graduates with industry-relevant skills across a full range of core civil engineering subject areas, including surveying, soil mechanics, engineering geology, structural analysis and design, hydrology, and transportation engineering, as well as construction technology and site management.



“The work experience as part of my degree has made me more employable.”

Jared Bodger
ECU Civil Engineering student

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, it includes strong elements of practical problem solving, teamwork and project development. As well as having multiple technical and transferable competencies, graduates will gain strong analytical skills and the ability to lead complex projects.

The course provides a sound basis in mechanics, mathematics, and the principles of engineering design in the first two years of study, along with core areas of engineering science, including materials and manufacturing, engineering drawing and computer-aided design, foundational electrical engineering, and thermodynamics and fluid mechanics. In the final two years of study, a range of more specialist civil engineering topics are covered to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Graduates will have competencies in all major areas of civil engineering, and be able to participate in, and lead, complex, multidisciplinary projects. Civil engineers have strong employment opportunities in many sectors of industry, including road and transport, construction, mining and resources, public utilities, defence, and consulting.

Careers

Civil Engineer, Structural Engineer, Transportation Engineer, Geotechnical Engineer, Water Resource Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/Y13



Bachelor of Engineering (Civil and Environmental) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

This course includes a range of studies in civil engineering with a secondary focus towards the management of environmental concerns that confront an engineer working in civil engineering. Many engineering projects, especially those that may impact on the quality of land, water and air, require detailed environmental analysis to identify and mitigate any chances that the project will adversely affect the environment. It is essential to consider both the short- and long-term sustainability of such projects and their environmental consequences.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development, resulting in strong analytical skills and the ability to lead complex projects.

Areas of study within the course include a foundation in physical and engineering sciences along with computer-aided design, engineering materials, surveying, and other core civil engineering topics. This is followed by more specialist civil and environmental engineering content areas, including structural analysis and design, hydrology and hydraulics, construction technology and site management, and project management. The course also includes advanced studies in environmental risk assessment and management, water and wastewater treatment, water distribution systems and wastewater collection systems, waste disposal and management, air-borne pollution control, and the principles that ensure long-term sustainable engineering design solutions.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Graduates will have competencies in both civil and environmental engineering, and be able to participate in, and lead, complex, multidisciplinary projects. Civil and environmental engineers have strong employment opportunities in many sectors of industry, including infrastructure development projects (roads and transportation, urban development), public utilities (water supply, waste disposal), mining (planning and operations), and consulting (project management).

Careers

Civil Engineer, Environmental Engineer, Water Resource Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/Y28

Bachelor of Engineering (Computer Systems) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Computer systems engineering requires in-depth knowledge of digital and analogue electronic systems along with a detailed understanding of computer architecture, software design and hardware-software interfacing. Graduates of this course will be conversant with all aspects of computing, from the development and application of individual microprocessors to the design of personal, mainframe or supercomputer systems, as well as real-time and embedded systems implementation, robotics, and software engineering.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development. As a result, as well as having multiple technical and transferable competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

The course provides a sound basis in mathematics and in the fundamentals of electronics and engineering design principles in the first two years of study, along with relevant computer technology and programming principles. In the final two years of study, advanced topics from both the electronics and computer systems engineering fields are covered, including software engineering, data networks and communication systems, digital signal processing, real-time embedded systems, industrial control, and robotics to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Employment opportunities include the development and design of microcomputer systems, computer networks, complex real-time systems, high-performance processors, multimedia systems, and control and automation.

Careers

Computer Systems Engineer, Electronics Engineer, Embedded Systems Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/Y47

Bachelor of Engineering (Electrical Power) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Electrical power engineering is a well-established engineering discipline encompassing electrical power generation, transmission and distribution. The course provides broad coverage across a range of core electrical and electronics subjects, leading to more in-depth studies of power systems, including generation, transmission and protection, as well as power electronics, electromechanical systems, industrial control, and renewable energy.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development. As a result, as well as having multiple technical and transferable competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

The course provides a sound basis in mechanics, dynamics, mathematics, and the principles of engineering design in the first two years of study, along with a broad basis in engineering science, including materials and manufacturing, computer-aided design, programming principles, and analogue and digital electronics. In the final two years of study, a range of specialist electrical power engineering topics are covered to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Electrical power engineers have diverse employment opportunities in most sectors of industry, including public utilities, renewable energy, mining and resources, manufacturing, defence, aerospace, chemical and pharmaceutical, and consulting.

Careers

Electrical Engineer, Power Systems Engineer, Electrical Power Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/Y49

Bachelor of Engineering (Electrical and Renewable Energy) Honours

Indicative ATAR:	80
Duration:	4 years full-time or part-time equivalent
Availability:	JO ML SW OL
Full-time	■
Part-time	■

Electrical and renewable energy engineering is a specialisation within electrical engineering concerning the generation of electrical power from a wide range of sources, and with a special focus on renewable energy sources.

This includes solar, wind, hydro, biomass and geothermal, and the integration of these energy sources into hybrid energy supply and distribution networks. The course provides graduates with strong competencies in the fundamental electrical engineering discipline areas, with particular focus on the utilisation, generation, management and design of renewable energy resources.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development. As a result, as well as having multiple technical and transferable competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

The course provides a sound basis in mechanics, dynamics, mathematics, and the principles of engineering design in the first two years of study, along with a broad basis in engineering science including materials and manufacturing, computer-aided design, programming principles, and analogue and digital electronics. In the final two years of study, a range of units are included, covering more in-depth electrical power engineering topics alongside specialist studies on sustainable and renewable energy sources and systems and their integration into a mixed energy environment.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has provisionally accredited this course.

Employment Opportunities

Electrical and renewable energy engineers have a wide range of employment opportunities across the energy generation, conversion, distribution and management sectors, including power utilities, the mining industry, larger manufacturing businesses as well as the domestic markets, where renewable energy systems are now quite common.

Careers

Electrical Engineer, Power Systems Engineer, Renewable Energy Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information – ecu.edu.au/courses/W21

Bachelor of Engineering (Electronics and Communications) Honours

Indicative ATAR:	80			
Duration:	4 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

This course combines the fundamental engineering disciplines of electronic and communication systems. It provides graduates with skills in all aspects of analogue and digital circuit design, as well as communication systems and communications networks development. The course concentrates on the engineering principles required to analyse and solve problems related to the design and implementation of electronic and communication systems. Graduates will be conversant in the fundamental engineering sciences, electronic circuits and systems, digital signal processing, radio communications, fibre-optic and microwave communications, computer networking, and cellular and wireless networks.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development. As a result, as well as having multiple technical and transferable competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

The course provides a sound basis in mathematics and in the fundamentals of electronics and engineering design principles in the first two years of study, along with relevant computer technology and programming principles. In the final two years of study, advanced topics from the electronics and communication systems engineering fields are covered to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/ course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Employment opportunities exist in most sectors of industry, including communication and telecommunication, product development, fabrication, public utilities, mining and resources, defence, aerospace, and consulting.

Careers

Electronics Engineer, Communications Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/Y51

Bachelor of Engineering (Instrumentation Control and Automation) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Instrumentation control and automation engineering is the integration of electrical, electronic and computing engineering with control engineering. This integrated discipline includes the development of intelligent systems to automate monitoring, processing, and production in different engineering industries. The course is designed to provide graduates with a strong background to enter a range of career pathways related to automation and control application in the mining and mineral processing, oil and gas, and agriculture industries, which are strongly represented in the economy of Western Australia.

Graduates of the course will be conversant in electrical and electronic engineering; have specialist skills in design, development and management of advanced control and automation systems; and have the ability to participate in, and lead, complex multidisciplinary projects.

The program focuses on the development of knowledge and skills relevant to professional engineering practice along with a sound theoretical base, and includes strong elements of practical problem solving, teamwork and project development. As a result, graduates will have strong analytical skills, in addition to multiple technical and transferable competencies.

The course covers topics in process control algorithms, computer interfacing and communications of industrial controllers, as well as computer automation, including the use of PLCs, SCADA, and PC-based systems to control systems and processes. Topics such as advanced PLC control and SCADA systems, and manufacturing execution systems are

introduced in the advanced years of the program, after students have gained proficiency in the theory of modern control and dynamic systems.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Instrumentation control and automation engineers have diverse employment opportunities in most sectors of industry, including product design and development, manufacturing, mining and resources, agriculture, public utilities, road and transport, defence, aerospace, chemical, pharmaceutical, and consulting.

Careers

Control and Automation Engineer, Process Control Engineer, Instrumentation Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/Y46

Bachelor of Maritime Engineering (Specialisation) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Secondary Location

The first two years are studied at ECU's Joondalup Campus. The final two years of this course are delivered at the University of Tasmania's Australian Maritime College in Launceston. Students will be required to relocate to Launceston for this portion of the course.

Offered in collaboration with the Australian Maritime College at the University of Tasmania in Launceston, Tasmania, this specialist engineering course will guide you towards a thriving career in the maritime industry.

Through this course, students focus on one of the three maritime industry specialisations:

- Marine and Offshore Engineering
- Naval Architecture
- Ocean Engineering

Marine and Offshore engineers are involved with the design, manufacture, deployment and commissioning of systems associated with the marine and offshore oil and gas industries.

Naval architects are professional engineers who design and oversee the construction and repair of marine craft and various offshore structures.

Ocean engineers are involved in the design of offshore structures such as oil and gas platforms or subsea pipelines, as well as the wide range of infrastructure associated with the ports and harbour facilities and submersible vehicles required to service them.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Employment Opportunities

Graduates of this course will have the capability to work in many areas in the maritime industry. Marine and Offshore engineers will be able to work in areas such as engineering alternative marine power systems, or improving crude oil extraction to reduce emissions while maximising yield. Marine and Offshore engineers have strong employment opportunities in many sectors of industry, including oil and gas, ship building, alternative energy, marine survey, defence, industrial process, power generation, and consulting. Graduates can also apply for any suitable position open to mechanical engineers.

Ocean engineers have strong employment opportunities in many sectors of industry, including oil and gas, alternative energy, coastal engineering, underwater vehicles, port and harbour design, defence, and consulting. Graduates can also apply for any suitable position open to structural engineers.

Naval architects are in demand in companies that design and build leisure craft, and sailing and power yachts. Many of the vessels of the Royal Australian Navy deployed in the defence of the nation have been built in Australian yards with considerable Australian design input. These include patrol boats, mine hunters, frigates and submarines. Naval architects also have career opportunities in other sectors of the marine industry, including oil and gas, marine surveying, and consulting.

Careers

Oil and Gas Engineer, Naval Engineer, Process Engineer, Offshore Energy Engineer, Marine Surveyor, Mechanical Engineer, Maritime Engineer, Naval Architect, Submersible Vehicle Engineer, Coastal Engineer



See more course information — ecu.edu.au/courses/W91

Bachelor of Engineering (Mechanical) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Mechanical engineering is the branch of engineering that deals with the design, manufacture and maintenance of mechanical components and moving systems. Areas of study within the course include a foundation in physical and engineering sciences, along with materials science, manufacturing, and mechanical design. The course includes a particular focus on project-based and practical learning, and provides numerous opportunities for students to extend practical skills development. Students taking this course also have the option to undertake a specialist stream in motorsports. This option provides a special focus on automotive design and motorsports engineering. Students should consult the course coordinator if they are interested in pursuing this option.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development. As a result, as well as having multiple technical and transferable competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

The course provides a sound basis in mechanics, mathematics, and the principles of engineering design in the first two years of study, along with the development of relevant knowledge in computer-aided design and manufacturing, materials science, statics and dynamics, industrial maintenance, and mechanical design. In the final two years of study, a range of specialist mechanical engineering topics are covered, including electromechanical systems, structural analysis, and advanced mechanical design, providing students with relevant

knowledge and skills to enable them to contribute to the workforce as soon as they graduate.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Graduates will have competencies in all major areas of mechanical engineering and be able to participate in, and lead, complex multidisciplinary projects. Mechanical engineers have diverse employment opportunities in most sectors of industry, including product design and development, manufacturing, road and transport, mining and resources, public utilities, agriculture, defence, aerospace, and consulting.

Careers

Mechanical Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/Y45

Bachelor of Engineering (Mechatronics) Honours

Indicative ATAR: 80

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Mechatronics engineering is a multidisciplinary program, where knowledge of mechanical and electrical/electronic engineering is combined towards the development of intelligent machines and advanced manufacturing and processing systems. Whilst developing the strong analytical and problem-solving capabilities typical of any engineering program, this particular program is specifically tailored to Australia's resource-based and service industries. The course starts with a typical engineering science foundation in mathematics, mechanics, electrical engineering and computing, and then proceeds to cover major engineering topics, including digital electronics and microprocessor systems, advanced materials and manufacturing, and mechanical design.

Mechatronics engineering gives a broader engineering coverage compared with standard mechanical or electrical engineering programs, with the themes of automation, instrumentation, digital electronics, manufacturing, mechanical design, fluid mechanics and control systems.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development. As a result, as well as having multiple technical and transferable competencies, graduates will gain strong analytical skills, and have the ability to lead complex projects.

Areas of study within the course include engineering mechanics, computer-aided design and manufacturing, analogue and digital electronics, signal analysis, electromechanical systems, industrial control, and robotics.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Mechatronics engineers have diverse employment opportunities in most sectors of industry, including product design and development, manufacturing, mining and resources, process control and automation, public utilities, road and transport, defence, aerospace, and consulting.

Careers

Mechatronics Engineer, Robotics Engineer, Automation Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information – ecu.edu.au/courses/Y44

Bachelor of Engineering (Petroleum Engineering) Honours

Indicative ATAR:	80			
Duration:	4 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Petroleum engineers work in a range of industry sectors, often related to the exploration, mining, production, delivery and downstream processing of fossil fuels. These fossil fuels are derived from oil and gas reservoirs in the earth's crust, but may also include extraction from sands and shales. This course provides the foundations for a professional engineering career in the oil and gas industry, both in Australia and internationally. As well as providing core mechanical and chemical engineering skills, the course provides specialist knowledge in drilling, reservoir and petroleum production engineering.

The program focuses on the development of knowledge and skills relevant to professional engineering practice and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project development. As a result, graduates will gain strong analytical skills, and have the ability to lead complex projects as well as having multiple technical and transferable competencies.

The course provides a sound basis in mechanics, mathematics, and the principles of engineering design in the first two years of study, along with core areas of engineering science, including chemistry and materials science, fluid mechanics, process systems and thermodynamics. In the final two years of study, a range of more specialist petroleum engineering topics are covered to prepare students to enter their chosen profession with relevant knowledge and skills.

The first year of this course includes a set of eight units that are common across all engineering honours courses. This allows students the opportunity to develop a better understanding of the various engineering disciplines on offer and the flexibility, if desired, to switch to another engineering discipline/course without penalty after the first year of study.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Work Experience

Students are required to undertake a minimum of 12 weeks of practical work experience in an engineering industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has provisionally accredited this course.

Employment Opportunities

Petroleum engineers work in a wide range of industries associated with the exploration, drilling and mining, development and operation of production and transport of raw and processed products as well as the downstream processing of fossil fuel derivatives.

Careers

Petroleum Engineer, Oil and Gas Engineer, Exploration Engineer, Reservoir Engineer, Drilling Engineer, Pipeline Engineer, Refining Engineer, Production Engineer

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/W17

Bachelor of Engineering Science

Indicative ATAR: 90

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

This course provides a high-quality and broad-based coverage of multidisciplinary engineering. In the modern engineering environment, large-scale engineering projects are increasingly likely to be of a highly multidisciplinary nature, requiring engineers from diverse backgrounds to be able to work effectively as a team to deliver the outcomes. In such environments, a broader understanding of engineering, beyond one specific area of specialisation, is highly desirable and advantageous.

Developing such breadth in four-year engineering courses is a challenge as it compromises the level of specialist knowledge that is also required from a graduate engineer. Successful completion of this three-year program guarantees entry into ECU's Master of Engineering course, affording the opportunity to develop a chosen discipline specialisation, building on this strong multidisciplinary knowledge base.

Admission Requirements

All applicants are required to have Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR or Chemistry ATAR or Mathematics: Specialist ATAR, with equivalents considered.

It is desirable that all applicants have Physics ATAR or Engineering Studies ATAR, with equivalents considered. Students without Physics ATAR or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.



See more course information – ecu.edu.au/courses/K94

Bachelor of Technology (Engineering)

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

This course is suitable for students who may not achieve the entrance requirements for the Bachelor of Engineering Honours but who aspire to have a career in an engineering-related area. This course can also be used as a pathway to the Bachelor of Engineering Honours courses.

Admission Requirements

It is desirable that all applicants have passed Mathematics: Methods ATAR, with equivalents considered. Alternatively, applicants can complete a bridging unit during the first year of their studies if they have not passed Mathematics: Methods ATAR.

Work Experience

Students must undertake a technology practicum, which requires 8 weeks of approved work experience. For more information, see course details on our website.

Employment Opportunities

Graduates of the course will find employment opportunities in engineering- and technology-related industries.



Careers

Engineering Technologist, Engineering Technician

Available Majors	JO	ML	SW	OL
Chemical	■			
Civil	■			
Electrical	■			
Electronics and Communications	■			
Electronics and Computer Systems	■			
Mechanical	■			
Petroleum	■			



See more course information — ecu.edu.au/courses/Y62

Bachelor of Technology (Motorsports)

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

This course develops core problem-solving abilities and the technical, financial and management skills associated with manufacturing industries in general, and the motorsports industry in particular. Students gain a solid understanding of the design, simulation and fabrication processes, and the management issues associated with the production of complex automotive systems and the components that underpin the motorsports industry. The course provides a stimulating and supportive learning environment, with an enthusiastic and articulate approach that reflects the culture of motorsports.

Students also have the opportunity to further develop competencies through the provision of extra-curricular activities to help progression into the motorsports industry.



Admission Requirements

It is desirable that all applicants have passed Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered. Alternatively, applicants can complete bridging units during the first year of their studies, if required, if they have not passed one or more of these subjects.

Work Experience

Students are required to undertake a minimum of 8 weeks of practical work experience in an engineering technology industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

As well as employment in the motorsports industry, graduates also have broader employment opportunities in product design and development, manufacturing, marketing and project management.

Careers

Automotive Technologist, Mechanical Technologist

ECU offers one or more double degrees in this discipline. For more information please visit page 107.



See more course information — ecu.edu.au/courses/G68

Diploma in Aviation

Indicative ATAR:	Not applicable			
Duration:	1 year full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

This course provides a flexible study option for pilots and aviation professionals who are already working in the aviation industry and wish to upgrade their knowledge and skills through a tertiary program in aviation. This will give them an opportunity to expand their career options. The course also provides a pathway into a full degree program in Aviation with an additional two years of study.

Employment Opportunities

This course prepares graduates for a range of careers within the aviation industry such as airline operations or aviation management, and also provides relevant complementary education for those who wish to pursue or further a career as an airline pilot.

Careers

Flight Planner, Aviation Operations Controller, Load Controller, Aviation Safety Regulator, Aviation Operations Officer, Air Traffic Controller, Air Force Officer, Pilot

→ [See more course information – ecu.edu.au/courses/W88](http://ecu.edu.au/courses/W88)

Bachelor of Aviation

Indicative ATAR:	70			
Duration:	3 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

This course provides a focused, professional education and graduate status for those seeking to enter the aviation industry. The course is technically oriented, covering a good breadth of the underlying science and technology related to aircraft systems, in addition to a range of more general content areas related to the aviation industry.

Employment Opportunities

This course prepares graduates for a range of careers within the aviation industry such as airline operations or aviation management, and provides relevant complementary education for those who wish to pursue a career as an airline pilot. Additionally, a suitable choice of elective units will lead to wider employment opportunities within the aviation industry, as well as in other areas.

Careers

Flight Planner, Aviation Operations Controller, Load Controller, CASA Regulator, Aviation Operations Officer, Air Traffic Controller, Royal Australian Airforce Officer, Pilot

→ [See more course information – ecu.edu.au/courses/K99](http://ecu.edu.au/courses/K99)



“The aviation course at ECU delivers content based on current industry best practices.”

Paul Solomon

ECU Aviation graduate and Business Support Officer, Virgin Australia Regional Airlines

Bachelor of Technology (Aeronautical)

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

This course is intended for students with an interest in aviation, aeronautics and flying, who wish to have the option of expanding their studies towards becoming accredited professionals in an engineering field.

The only course of its kind in Western Australia, aeronautical technology deals with the science and technology of aviation, including aircraft systems, materials and manufacturing technology, and aircraft operation. Areas of study include a foundation in science and mathematics, along with engineering mechanics, computer-aided design, engineering materials, and thermodynamics and fluids. It also covers specific aviation science subjects such as aircraft systems and structures, aircraft propulsion and aerodynamics. Students will also gain an understanding of the operation and performance of aircraft from the point of view of an aviation technologist.

The course focuses on the development of knowledge and skills relevant to the aviation industry and, along with a sound theoretical base, includes strong elements of practical problem solving, teamwork and project work. As a result, students will have multiple technical and transferable competencies, and will graduate with strong analytical skills and the ability to contribute to complex projects.

Provided appropriate electives are chosen, graduating students can apply to articulate into ECU's Master of Engineering course, specialising in either Mechanical or Civil Engineering. This enables students to achieve professional engineer status after a further two years of study.

Admission Requirements

It is desirable that all applicants have passed Mathematics: Methods ATAR, with equivalents considered, and Physics ATAR or Engineering Studies ATAR, with equivalents considered. Alternatively, applicants can complete bridging units during the first year of their studies, if required, if students have not passed one or more of these subjects.

Work Experience

Students are required to undertake a minimum of 8 weeks of practical work experience in an engineering technology industry environment. This will normally be undertaken during a vacation period. For more information, see course details on our website.

Careers

Aeronautical Technologist, Mechanical Technologist

→ [See more course information — ecu.edu.au/courses/Y73](http://ecu.edu.au/courses/Y73)



Medical & Health Sciences at ECU

At ECU's School of Medical and Health Sciences, you can choose from a diverse range of courses that can lead to exciting careers in the health industry.

As a student, you'll practice new skills in some of the best facilities and specialised laboratories in Australia.

You'll also have opportunities to participate in work placements with one of ECU's many partner organisations as part of your studies.



Superlabs and super facilities

You'll learn all the latest theories in your chosen course, but you'll also spend a lot of time putting your learning into practice.

The good news is that ECU has some of the best facilities you'll find at any university in Australia.

That includes our state-of-the-art Superlabs on the Joondalup Campus, plus specialised facilities and labs for Exercise and Sports Science, Nutrition, Paramedicine and other disciplines.

So you'll not only have the best resources to practice new skills, but when you graduate, you'll have valuable experience using industry-standard equipment.

Get valuable experience through ECU's sports partnerships

If you choose to study one of our courses, you can take advantage of ECU's strong sporting industry network, including our West Coast Eagles and Perth Glory partnerships. You'll have:

- Work placement opportunities with the football departments, where you can apply your knowledge and learn from some of the best sports performance analysts.
- Access to club facilities, including the ECU High Performance Centre for elite athletic performance and testing at Mineral Resources Park.
- Volunteer opportunities to gain experience at key events during the season.
- Invitations to unique events, facilities tours, industry guest speaker events, and networking opportunities.



Find your feet early with a work placement

During your studies, you'll have the opportunity to undertake supervised work placements across a wide range of health, education and community-based settings.

This includes working at ECU clinics, hospitals, schools, public health settings, aged care facilities, high-performance and community sport and exercise organisations, and ambulance services in metropolitan or rural sites.

Depending on your course, these practical placements can start as early as your first few weeks as a student.

One of the great things about placements is they give you the chance to make new contacts in your future industry.

They also give you a real taste of workplaces, allowing you to test not only your new theoretical knowledge, but also your soft skills, including your ability to work as part of a team and more.

Placements are good for your confidence as well as your résumé!

Liam Guy, Bachelor of Health Science graduate, demonstrates this through his 2-week practical placement with the WA Country Health Service in Northam. He found the experience invaluable and was able to create and publish health promotion resources and participate in events.



“My practical placement was really valuable as it ultimately led to my first health promotion job.”

Liam Guy
ECU Health Science graduate



Clinical Training Opportunities for Allied Health Students

The Joondalup Community Clinical School is a purpose-built clinical training facility located at Joondalup Health Campus. Students provide services to the community, including nutrition and dietetics, exercise physiology, speech pathology, and occupational therapy.

The student-led Joondalup Community Clinical School benefits the community, with the provision of high-quality, interprofessional, evidence-based care to a wide range of clients to assist with the management of chronic disease, mental illness, neurological conditions and general health.

The clinic provides opportunities for students to contribute to client assessments and interventions.



“One of the things I loved through my studies at ECU was the support I got, not only from the staff and lecturers, but also from the students.”

Joel Skinner
ECU Exercise Science and Rehabilitation graduate



“There is so much support from ECU staff, and making connections with lecturers has provided me with a lot of opportunities.”

Michaela De Paolis
ECU Nutrition and Health Promotion student

Diploma of Environmental Health

Indicative ATAR:	Not Applicable			
Duration:	1 year full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	*		*	*
Part-time	■		■	■

* Students can only commence full-time study if commencing in Semester 1.

Prepares students to make a positive contribution to the health of communities. Students graduate with the ability to think critically about prevention and control of communicable and environmental disease and a range of other environmental health issues, to work independently and as part of a team, and plan and coordinate environmental health projects.

Practicum

Students undertake a professional placement unit which comprises a 200-hour placement in an environmental health department. There are attendance requirements for this practicum.

For more information, see course details on our website.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Non-Standard Timetable

On-campus students: the Communicable Disease Control unit (HST2184) is only available to study online.

Employment Opportunities

Graduates will be employable in state government, shire and city health departments in a support role to environmental health officers.

Careers

Environmental Health Assistant, Environmental Health Cadet, Environmental Health Technical Officer

 [See more course information — ecu.edu.au/courses/C54](https://ecu.edu.au/courses/C54)



Bachelor of Biomedical Science

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Biomedical Science is a continually changing, dynamic field with long-term career prospects, including roles in management, research, education and specialised laboratory work. Biomedical scientists focus on how cells, organs and systems function in the human body. Their work is an important element in our understanding and treatment of human diseases.

This course introduces a broad range of theory, including studies in anatomy, physiology, microbiology, immunology, genetics, biochemistry and biomedical ethics, while giving you extensive practical experience in cutting-edge laboratories, located in our purpose-built Science building.

As a Biomedical Science graduate, you can also continue on to specialise in one of these fields: medical science, medical microbiology, genetics, haematology, histopathology, anthropology, cytology, human biology, immunology, medicine, nutrition science, forensic science, biochemistry, data science, clinical chemistry or evolutionary medicine.

Admission Requirements

One or more of the majors in this course have admission requirements. Refer to the major for more information.

Practicum

MMS3500 Professional Practice in Biomedical Science: students will complete a minimum of 100 hours of unpaid work placement.

In this final-year unit, students gain work experience that aligns with their chosen field of biomedical science specialisation, to broaden their industry networks and develop graduate capabilities. Students may undertake a range of

supervised activities in clinical, laboratory, professional or simulated settings, to build familiarity with authentic workplace environments, apply critical thinking to assist decision making and further develop discipline knowledge and capabilities. There are attendance requirements for this work experience.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Non-Standard Timetable

MMS3500 Professional Practice in Biomedical Science – Students will complete a minimum of 100 hours of unpaid placement outside of the timetabled class activities.

Employment Opportunities

Biomedical Science is a continually changing, dynamic profession with long-term career prospects, including management, research, education and specialised laboratory work.

Careers

Audiology, Biochemistry Technician, Biomedical Technician, Forensic Laboratory Technician, Haematology Technician, Histology Technician, Laboratory Manager, Laboratory Technician, Medical Researcher, Medical Sales Representative, Microbiology Technician, Science Communicator

Available Majors	JO	ML	SW	OL
Applied Chemistry	■			
Data Science	■			
Forensic Science	■			
Human Biology	■			
Human Genetics	■			
Medical Science	■			
Nutrition Science	■			



See more course information — ecu.edu.au/courses/K05

Bachelor of Biomedical Science (Bioscience)



NEW

INTERNATIONAL DUAL DEGREE

Indicative ATAR: 70

Duration: 4 years full-time

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time				

Secondary Location

The first two years are delivered by Edith Cowan University on the Joondalup Campus. The third year is delivered by the University of Portsmouth in the United Kingdom on-campus, and the fourth year is delivered by Edith Cowan University on-campus.

This International Dual Degree provides you with an opportunity to gain valuable international experience while receiving two degrees. Graduates will receive both a Bachelor of Biomedical Science (Bioscience) from ECU and a BSc (Hons) Biomedical Science with Human Biosciences from the University of Portsmouth (UK).

Biomedical Science is a continually changing, dynamic field with long-term career prospects, including roles in management, research, education and specialised laboratory work. Biomedical scientists focus on how cells, organs and systems function in the human body. Their work is an important element in our understanding and treatment of human diseases.

This course introduces a broad range of theory, including studies in anatomy, physiology, microbiology, immunology, genetics, biochemistry and biomedical ethics, while giving you extensive practical experience in cutting-edge laboratories, located in our purpose-built Science building.

As a Biomedical Science graduate, you can also continue on to specialise in one of these fields: medical science, medical microbiology, genetics, haematology, histopathology, anthropology, cytology, human biology, immunology, medicine, nutrition science, forensic science, biochemistry, data science, clinical chemistry or evolutionary medicine.

Admission Requirements

One or more of the majors in this course has admission requirements. Refer to the major for more information.

Practicum

MMS3500 Professional Practice in Biomedical Science: students will complete a minimum of 100 hours of unpaid work placement.

In this final-year unit, students gain work experience that aligns with their chosen field of biomedical science specialisation to broaden their industry networks and develop graduate capabilities. Students may undertake a range of supervised activities in clinical, laboratory, professional or simulated settings, to build familiarity with authentic workplace environments, apply critical thinking to assist decision making and further develop discipline knowledge and capabilities. There are attendance requirements for this work experience.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Non-Standard Timetable

MMS3500 Professional Practice in Biomedical Science: students will complete a minimum of 100 hours of unpaid placement outside of the timetabled class activities.

Careers

Audiology, Biochemistry Technician, Forensic Laboratory Technician, Haematology Technician, Histology Technician, Laboratory Manager, Laboratory Technician, Laboratory Scientist, Medical Researcher, Medical Sales Representative, Research Officer, Science Communicator

Available Majors	JO	ML	SW	OL
Applied Chemistry	■			
Data Science	■			
Forensic Science	■			
Human Biology	■			
Human Genetics	■			
Medical Science	■			
Nutrition Science	■			



See more course information — ecu.edu.au/courses/T89

Bachelor of Health Science

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■		■	■
Part-time	■		■	■

Some majors can only be studied on-campus and students should refer to the delivery options listed against each major for further details.

ECU South West: Please note that only the Majors of Occupational Safety and Health, Nutrition, Health Promotion and Occupational and Environmental Health and Safety can be studied on-campus.

Health Science is broad, but essentially, it's all about enhancing the health of communities. That includes tackling a range of health-related societal problems such as obesity, harmful alcohol and drug use and even dealing with a global pandemic!

In this degree, you'll study the core concepts of public health and access tools that will prepare you for the real world. Studying Health Science at ECU will give you skills to not only assess and monitor health situations, but you'll also learn intervention strategies so you can make a difference to the lives and health of others. You'll also gain valuable industry experience through a work placement in your final year.

And, because you have a choice of one or more major subjects in this degree, you'll learn specific skills in an area that interests you. The Bachelor of Health Science gives you a choice of six majors – Addiction Studies, Health Promotion, Nutrition, Nutrition Bioscience, Occupational and Environmental Health and Safety, and Occupational Safety and Health.

You'll be surprised how many diverse workplaces have career opportunities for our Health Science graduates.

Practicum

Students are required to complete 75 hours of Professional Practice in their third year of study. There are attendance requirements for this practicum. For more information, see course details on our website.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). 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, mining, oil and gas industries, community development and local government organisations, disability services, justice and correctional agencies, research institutes, international aid organisations, and mental health support agencies.

Careers

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

Available Majors	JO	ML	SW	OL
Addiction Studies	■			■
Health Promotion	■		■	■
Nutrition	■		■	
Nutrition Bioscience	■			
Occupational and Environmental Health and Safety	■		■	■
Occupational Safety and Health	■		■	■

➔ See more course information – ecu.edu.au/courses/K97



Bachelor of Science (Exercise and Sports Science)

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Are you interested in health, fitness and general wellbeing? If you like the idea of helping other people improve their lifestyle or sports performance through exercise, you should explore a career in exercise science. This degree will prepare you for a variety of professional roles – you could work with elite sportspeople, promote health in the community, work in corporate health or a wide range of other exciting environments. The course will give you the skills to design, implement and evaluate programs targeted at improving general health and wellbeing, helping to prevent or reduce the impact of chronic disease and enhancing athletic performance.

You can also specialise in a related field, with majors in Football Performance, Health Promotion, Nutrition, Occupational Safety and Health and Sport Business, helping broaden your career prospects. You can also use this course as a pathway to further study in areas such as clinical exercise physiology, education, dietetics and strength and conditioning coaching.

You can study units for this degree on-campus with weekly lectures and laboratories, or through a blended format that involves weekly online content, such as lectures, laboratories, tutorials and/or seminars, accompanied by timetabled, intensive on-campus laboratory sessions twice per semester.

Practicum

Students are required to complete two mandatory practicum units: SPS312 Exercise and Sports Science Practicum (140 hours), SPS2524 Exercise Delivery (30 hours).

There are attendance requirements for these practicums.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Professional Recognition

Exercise and Sports Science Australia (ESSA) has accredited this course. Graduating students will be eligible to apply for accreditation credentialing with ESSA. Please refer to the ESSA website for further information regarding the application process: www.essa.org.au

Employment Opportunities

Graduates have successful careers in specialty areas such as exercise rehabilitation, sports administration, teaching, sports coaching, exercise science, strength and conditioning, corporate fitness, workplace health, sports development and sports performance analysis.

Non-Standard Timetable

Students who select the majors of Health Promotion, Nutrition and Occupational Safety and Health are able to study some units on-campus at ECU South West. In order to complete the course, however, students should be prepared to complete the remaining units at the Joondalup Campus.

Careers

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

Available Majors	JO	ML	SW	OL
Football Performance	■			
Health Promotion	■		■	■
Nutrition	■		■	
Occupational Safety and Health	■		■	■
Sport Business	■			■



See more course information — ecu.edu.au/courses/M89

Bachelor of Science (Exercise Science and Rehabilitation)

Indicative ATAR:	80			
Duration:	4 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Are you interested in using exercise to improve people's health, fitness and general wellbeing? If so, you should consider a career as an exercise physiologist through studying our Bachelor of Science (Exercise Science and Rehabilitation). When you graduate from this degree, you will be eligible to apply to become an Accredited Exercise Physiologist with Exercise and Sports Science Australia (ESSA). Exercise physiologists help other people improve their lifestyle and recover from injuries and chronic conditions through exercise.

In this four-year degree (full-time), you'll gain knowledge, skills and experience in clinical exercise delivery, healthy lifestyle intervention and wellness programs for people living with chronic conditions, disabilities or injuries, as well as the healthy population.

More qualified professionals are expected to be needed as the population grows and ages, with employment opportunities in public and private hospitals, workplace health and rehabilitation, aged care facilities, sports organisations and more.

You can study units for this degree on-campus with weekly lectures and laboratories or through a blended format that involves weekly online content, such as lectures, laboratories, tutorials and/or seminars, accompanied by timetabled, intensive on-campus laboratory sessions twice per semester.

Note: If you complete the Bachelor of Science (Exercise and Sports Science) degree (with the appropriate elective units) and decide that you'd like to pursue a career in exercise rehabilitation, you'll only need to study this course for one year to be eligible to become an Accredited Exercise Physiologist.

Admission Requirements

All applicants are required to be assessed for entry by the Course Coordinator where the student has undertaken prior tertiary study. Students with no prior tertiary study will be assessed by University Admissions.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Practicum

Students are required to complete three mandatory practicum units as part of their course.

Mandatory: SPS3112 Exercise and Sports Science Practicum (140 hours), SPS2524 Exercise Delivery (30 hours), SPS4126 Clinical Exercise Physiology (360 hours). Additionally, the unit SPS3604 (Human Movement – Participation and Inclusion) includes 30 hours of work placement.

There are attendance requirements for this practicum. Students on practicum must observe professional practice rules. For more information, see course details on our website.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Professional Recognition

Exercise and Sports Science Australia (ESSA) has accredited this course. Students will need to graduate to be eligible to apply for accreditation credentialing with ESSA. Please refer to the ESSA website for further information regarding the application process: www.essa.org.au

Careers

Professionally-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 – ecu.edu.au/courses/M90

Bachelor of Science (International Exercise and Sports Science)



INTERNATIONAL DUAL DEGREE

Indicative ATAR: 70

Duration: 4 years full-time or part-time equivalent

Availability: JO ML SW OL

Full-time ■

Part-time ■

Secondary Location

The first two years are delivered by Edith Cowan University on the Joondalup Campus. The third year is delivered by the University of Portsmouth in the United Kingdom on-campus, and the fourth year is delivered by Edith Cowan University on-campus.

This International Dual Degree provides you with an opportunity to gain valuable international experience while receiving two degrees. Graduates will receive both a Bachelor of Science (International Exercise and Sports Science) from ECU and a BSc (Hons) Sport, Health and Exercise Sciences from the University of Portsmouth (UK).

If you are interested in health, fitness and general wellbeing, and like the idea of helping other people improve their lifestyle or sports performance through exercise, you should explore a career in Exercise Science.

Your degrees will prepare you for a variety of professional roles—you could work with elite sportspeople, promote health in the community, work in corporate health or a wide range of other exciting environments. Your studies will give you the skills to design, implement and evaluate exercise programs targeted at improving general health and wellbeing, helping to prevent or reduce the impact of chronic disease and enhancing athletic performance.

You can also specialise in a related field, with majors in Football Performance, Health Promotion, Nutrition, Occupational Safety and Health, and Sport Business, helping broaden your career prospects. You can also use this course as a pathway to further study in areas such as clinical exercise physiology, education, dietetics, and strength and conditioning coaching.

Practicum

Students are required to complete two mandatory practicum units: SPS3112 Exercise and Sports Science Practicum (140 hours), and SPS2524 Exercise Delivery (30 hours).

The Recommended Elective SPS3604 (Human Movement – Participation and Inclusion) includes 30 hours of work placement. There are attendance requirements for this practicum. Students on practicum must observe professional practice rules.

For more information, see course details on our website.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Employment Opportunities

Graduates have successful careers in specialty areas such as exercise science, sports administration, sports coaching, strength and conditioning, corporate fitness, workplace health, sports development and sports performance analysis plus the opportunity for further study in teaching, exercise physiology and dietetics.

Non-Standard Timetable

Students who select the majors of Health Promotion, Nutrition and Occupational Safety and Health are able to study some units on-campus at ECU South West. In order to complete the course, however, students should be prepared to complete the remaining units at the Joondalup Campus.

Careers

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

Available Majors	JO	ML	SW	OL
Football Performance	■			
Health Promotion	■		■	■
Nutrition	■		■	
Occupational Safety and Health	■		■	■
Sport Business	■			■

ECU offers one or more double degrees in this discipline. For more information please visit page 107.

➔ See more course information – ecu.edu.au/courses/W97

Bachelor of Science (Occupational Therapy)

Indicative ATAR:	80			
Duration:	4 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Many of us take our independence for granted, comfortably performing all kinds of tasks and activities at home, school, work and in the community. For someone with an injury, illness, disability or psychosocial issues, it can be a different story.

A qualified occupational therapist (OT) can make a difference to that person's restricted lifestyle. An OT helps people of all ages to develop, sustain, or restore participation in their day-to-day activities and improve their quality of life.

If you're a good communicator and a creative thinker with an interest in science, this might be the career for you.

One of the best things about studying Occupational Therapy at ECU is starting your practical experience in your first year. At ECU, you'll gain valuable learning experiences in a range of settings and with people with differing needs through fieldwork placements all throughout the four-year course.



During your fieldwork placements, you'll integrate your growing occupational therapy knowledge, skills and professional attitudes, while being supervised and assessed by registered occupational therapists.

Admission Requirements

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

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.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Professional Recognition

The World Federation of Occupational Therapists (WFOT) has approved this course. The Occupational Therapy Council of Australia Limited has accredited this course.

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, Rehabilitation Consultant, Health & Wellness Coordinator, Mental Health Clinician, Occupational Rehabilitationist, Safety Officer, Disability Worker, Neuromuscular Therapist, Hand Therapist

 See more course information — ecu.edu.au/courses/H96

Bachelor of Science (Paramedical Science)

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Students are required to attend skills workshops and clinical practicums outside of the standard timetable. Skills workshops require attendance at the Joondalup Campus, and clinical practicums require attendance at partner healthcare organisations in Western Australia.

It can be the difference between life and death. A highly-trained, clear-thinking professional paramedic regularly faces life-and-death situations as a first responder. It's unpredictable. It's demanding. And it's exciting. But is it for you? Studying our Paramedicine degree will help you answer that question. Here, your studies will include many hours in work placement experiences with WA-based healthcare providers. And our realistic on-campus simulations will help you develop practical skills, like pre-hospital diagnostic techniques, that are critical in this profession.

You'll be taught by AHPRA-registered industry professionals with on-road experience, with many still actively working in the profession. They'll help you develop an understanding of professional and ethical practice, communication and safe practice within the public health, social, cultural and clinical paramedical science environments.

When you graduate, you can consider further specialisation across a range of postgraduate courses, including Critical Care Paramedicine,

Extended Care Paramedicine and Disaster and Emergency Response.

Admission Requirements

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

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

Students are required to undertake at least 400 hours of clinical practice placements as part of this course with partner healthcare providers in Western Australia.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Professional Recognition

Paramedicine Board of Australia has approved this course.

Registration

Students will need to graduate to be eligible to register with the Australasian Health Practitioner Regulation Agency (AHPRA). Registration with AHPRA is required to practice in the profession. The Paramedicine Board requires completion of the Degree for Paramedic Registration.

Membership

Students can apply for membership with the Australasian College of Paramedicine. Students are eligible for student membership with the Australasian College of Paramedicine.

Employment Opportunities

This course prepares graduates to practice high-quality, evidence-based paramedicine in a wide spectrum of health and cultural settings, and to lead Australian and international paramedicine development.

Careers

Paramedic, Critical Care Paramedic, Community Paramedic, Industrial Paramedic, Ambulance Officer, Intensive Care Paramedic, Retrieval Paramedic

 See more course information — ecu.edu.au/courses/K89

Bachelor of Speech Pathology

Indicative ATAR:	80			
Duration:	4 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Most of us take communication for granted, but for people with a disorder, it's a daily challenge. Thankfully, a trained speech pathologist can make a huge difference to the quality of someone's life. Speech pathologists provide diagnostic assessment and management of disorders of communication and swallowing for people of all ages, from babies to the elderly. They work with a wide range of problems like stuttering, voice problems, language disorders and physical and intellectual disabilities.

If you are passionate about communicating, have an interest in helping people across the lifespan, this might be a career for you. Speech Pathology includes science, communication and being creative in planning therapy.

One of the best things about studying Speech Pathology at ECU is starting your practical experience in your first year. And with our smaller student cohort and greater personal attention you'll receive from our experienced lecturers, it's the best way to start your new career.

Admission Requirements

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Practicum

Students are required to complete substantial clinical practicums designed to provide the required range of clinical experience. Fieldwork placements commence in the first year and throughout the course, and provide students with valuable learning experiences in a range of settings.

Pre-practicum Preparation

To be eligible to undertake practicum placements, students are required to complete a range of different tasks (for example, obtaining a police clearance, receiving immunisations and completing first aid training). For more information, see course details on our website.

Professional Recognition

Speech Pathology Australia (SPA) has accredited this course.

Membership

Graduates of this course will be eligible for Practising Membership with Speech Pathology Australia.

Employment Opportunities

Speech pathologists are employed in child development centres, schools, hospitals, private practice, disability organisations, in the performing arts, or in universities.

Careers

Speech Pathologist

➔ [See more course information — ecu.edu.au/courses/Y02](http://ecu.edu.au/courses/Y02)



Nursing & Midwifery at ECU

ECU produces some of the highest quality nursing and midwifery graduates in Western Australia, and is recognised as a Top 150 nursing program worldwide.

We have dedicated nursing and midwifery courses, including WA's only nursing and midwifery dual degree program. These courses offer an innovative and broad study approach for scenario-based learning. Students are provided with access to state-of-the-art health and wellness facilities featuring simulated practice areas and practicum placements with a range of healthcare providers across Western Australia.



Why study Nursing & Midwifery at ECU?



WA's only dual Nursing & Midwifery degree



Professionally accredited courses



State-of-the-art facilities



Above world average performance in research



Top 150 nursing program worldwide
QS World University Subject Ranking 2023



Over 160 placement providers across WA



South West study options

Inspired to become a nurse

Graduate Nurse Kellie McDiarmid is an inspiration to her family, her community and to mature age students who are still wondering if they can do it.

Miss McDiarmid, a proud Dieri, Arabana and Kokatha woman from South Australia, and Aboriginal Student Ambassador at ECU, says she was inspired to become a nurse when she lived with her grandmother in a remote outback town.



Read more about what inspired Kellie to become a nurse — ecu.edu.au/extra/inspired-nurse





Outstanding health and wellness facilities

Our state-of-the-art health and wellness building incorporates high and low fidelity simulated practice wards for both nursing and midwifery that provide a safe, authentic environment for clinical skills development. These provide students with the opportunity for experiential hands-on practice to learn skills in a variety of simulated scenarios, designed to increase the competence and confidence of students. The wards include 66 beds on the Joondalup Campus and 23 beds on the South West Campus that simulate the real world healthcare environment, and dedicated midwifery practice areas.

Ranked among the best in the world

In the 2023 Good Universities Guide, ECU was ranked the best WA university and second best Australian university for overall education experience in the field of nursing.

ECU was also announced in the latest QS Subject Rankings as being one of the top 150 nursing programs in the world.

Mums Adopting Midwifery Students (MAMS) Program

To consolidate the theory learnt in the classroom and to understand expectant and new parents' experiences of having a baby, all midwifery students participate in our Mothers Adopting Midwifery Students (MAMS) program. The MAMS program pairs students with pregnant women for their mutual benefit. Students assist throughout the pregnancy all the way through to the first few weeks after childbirth. The program offers invaluable learning opportunities outside of a 'typical' classroom setting, where students can develop both their clinical and interpersonal skills.

Practical placement partnership programs

Our partnership programs offer nursing and midwifery students the opportunity to undertake the majority of their practical placements in one health service, allowing them access to helpful resources, as well as networking opportunities. These unique partnership programs are available at a range of healthcare facilities, including Sir Charles Gairdner Osborne Park Health Care Group, North Metropolitan Health Service Mental Health, Ramsay Health Care and Western Australian County Health Service.

Nursing & Midwifery at ECU South West

ECU's nursing and midwifery undergraduate degrees can also be studied at ECU South West.

The upgraded facilities are the most sophisticated in regional Western Australia. They include nursing and midwifery demonstration areas and a high dependency ward. The technology and equipment utilised at ECU South West is the same as that featured at our Joondalup Campus, ensuring that all ECU nursing and midwifery students have access to the same supportive learning environment. We have dedicated staff in the South West to support students on their journey, and we work with regional clinical partners to provide real world experiences in the area. ECU South West provides students with access to amazing facilities as well as personalised classes.

Paid assistant in nursing opportunities

Nursing students at ECU South West are being offered the opportunity to undertake a paid learning experience at St John of God Bunbury Hospital.

→ [Find out more – \[ecu.edu.au/newsroom/nursing-partnership\]\(https://ecu.edu.au/newsroom/nursing-partnership\)](https://ecu.edu.au/newsroom/nursing-partnership)



“The nursing practice facilities at ECU South West are set up like a real-life clinical ward.”

Kavan Patel
ECU South West Nursing graduate



Bachelor of Science (Nursing)

Indicative ATAR:	70			
Duration:	3 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■		■	
Part-time	■		■	

This course provides a broad knowledge and skill base that will enable students to practice as a registered nurse within the Australian healthcare system. The course is designed to enable graduates to be well prepared to make significant contributions to the outcomes of patients within a diverse range of health care settings.

Admission Requirements

It is desirable that all applicants have completed study in a science related subject at WACE –general or ATAR level. Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Reporting Obligations

Students enrolled in this course are required to be registered with the Australian Health Practitioner Regulation Agency (AHPRA), see the unit set on our website for more information.

Clinical or Professional Work Placement

Students are required to successfully complete 800 hours of clinical practice hours as part of this course.

Students enrolled in entry-to-practice programs will be required to travel to professional experience placements in a variety of health services within the region of the campus they are enrolled, and may be required to travel to other regions of Western Australia. Students enrolled at ECU South West will be required to travel to Perth for some clinical placements. Students are responsible for any travel and accommodation related costs. Professional experience placements require rostered shifts covering the 24-hour period, inclusive of weekends and public holidays. Students are expected not to undertake paid employment during a period of full-time professional experience placement, as it is a requirement that students have sufficient breaks between shifts.

There are attendance requirements for this clinical or professional work placement.

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 clinical practice orientation, risk management training and obtain various screening, vaccination and clearances, as appropriate on commencement of the course and in subsequent semesters. A list of these requirements is accessible on the School of Nursing and Midwifery website.



Due to the practical nature of the nursing and midwifery professions and protection of the public, there are inherent requirements applicable to this course that may impact upon the success of some potential students. Applicants and students with a disability or other issue likely to impact on their ability to perform in practice are encouraged to contact the Associate Dean, Work Integrated Learning to discuss their situation.

More information can be found at ecu.edu.au/schools/nursing-and-midwifery/nursing-and-midwifery-clinical-placements

There are vaccination or other similar requirements that apply to placements, including those imposed by government or third-party placement hosts, which must be completed as a component of this course. Potential students should consider this requirement before enrolling in this course and discuss with the course coordinator if this raises any concerns. Students may not be able to complete placement units if they are unable to meet the placement requirements, which may impact on their ability to complete this course.

Students on clinical or professional work placement must observe professional practice standards and guidelines.

For more information, see course details on our website.



Professional Recognition

Australian Nursing and Midwifery Accreditation Council (ANMAC) have accredited this course.

Registration

Registration with the Nursing and Midwifery Board of Australia is required to practice in the profession. Graduates are entitled to apply for registration with the Nursing and Midwifery Board of Australia to practice as a registered nurse.

Careers

Nurse, Registered Nurse



See more course information — ecu.edu.au/courses/C33



Bachelor of Science (Nursing) / Bachelor of Science (Midwifery)

Indicative ATAR:	75			
Duration:	4 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■		■	
Part-time	■		■	

This comprehensive course is unique in WA, preparing graduates for flexible career options in dynamic healthcare settings. The course offers an innovative and broad study approach, with graduates ready for entry-level practice in both midwifery and nursing. It provides students with the knowledge and skills to deliver high quality care within the healthcare environment.

Admission Requirements

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Reporting Obligations

Students enrolled in this course are required to be registered with the Australian Health Practitioner Regulation Agency (AHPRA), see the unit set on our website for more information.

Clinical or Professional Work Placement

Students are required to successfully complete 800 hours of nursing clinical practice hours and a further 720 hours midwifery clinical practice hours. Students are also required to follow ten women throughout their pregnancy journey, this includes being on call to attend them when they give birth.

Students enrolled in entry-to-practice programs will be required to travel to professional experience placements in a variety of health services within the region of the campus they are enrolled and may be required to travel to other regions of Western Australia. Students enrolled at ECU South West will be required to travel to Perth for some clinical placements. Students are responsible for any travel and accommodation related costs. Professional experience placements require rostered shifts covering the 24-hour period, inclusive of weekends and public holidays. Students are expected not to undertake paid employment during a period of full-time professional experience placement, as it is a requirement that students have sufficient breaks between shifts.

There are attendance requirements for this clinical or professional work placement.



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 clinical practice orientation, risk management training and obtain various screening, vaccination and clearances, as appropriate on commencement of the course and in subsequent semesters. A list of these requirements is accessible on the School of Nursing and Midwifery website.

Due to the practical nature of the nursing and midwifery professions and protection of the public, there are inherent requirements applicable to this course that may impact upon the success of some potential students. Applicants and students with a disability or other issue likely to impact on their ability to perform in practice are encouraged to contact the Associate Dean, Work Integrated Learning to discuss their situation.

More information can be found at ecu.edu.au/schools/nursing-and-midwifery/nursing-and-midwifery-clinical-placements

There are vaccination or other similar requirements that apply to placements, including those imposed by government or third-party placement hosts, which must be completed as a component of this course. Potential students should consider this requirement before enrolling in this course and discuss with the course coordinator if this raises any concerns. Students may not be able to

complete placement units if they are unable to meet the placement requirements, which may impact on their ability to complete this course.

Students on clinical or professional work placement must observe professional practice standards and guidelines.

For more information, see course details on our website.

Professional Recognition

Australian Nursing and Midwifery Accreditation Council (ANMAC) have accredited this course.

Registration

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

Non-Standard Timetable

Prospective applicants are advised that there is an 'on call' component to this course. It is a requirement in Australia that midwifery students provide Continuity of Care to ten women throughout the course of their studies; this includes being on call to attend them when they give birth.

Careers

Midwife, Regional Midwife, Rural Midwife, Remote Midwife, Nurse, Registered Nurse



[See more course information –
ecu.edu.au/courses/Y76](http://ecu.edu.au/courses/Y76)



Science at ECU

When it comes to studying computing, security, science and the environment, ECU's teaching and research facilities are world-class.

You'll find a range of practical degrees that can lead to distinctly different careers in fields such as biology, bioinformatics, cyber security, computer science, counter terrorism security, physics, information technology, environmental science and management, chemistry, mathematics, data science, horticulture, and more.

Our flexible courses and world-class teaching, combined with our Work Integrated Learning program and close industry links, will provide you with endless possibilities in Australia and internationally.



7 reasons to study Science at ECU

1 Choice

A range of courses and majors across diverse fields. You'll have the option to study degrees focusing on a specific area, or broader degrees which cover multiple areas within a single discipline.

2 Industry & career networking

Students get the opportunity to meet and network with prospective employers, industry representatives and professionals at the Science Annual Careers Events.

3 International reputation

ECU is the only Australian university recognised as an International Cybersecurity Center of Excellence, and one of our staff members is a member of the INTERPOL Global Cybercrime Expert Group.

4 Scholarships

A range of scholarships valued up to \$15,000, including for high performing school leavers.

5 Work integrated learning

Students receive real world experience through placements, internships, industry projects and volunteering.

6 Industry standard facilities

Students have access to labs equipped with the latest technology, from state-of-the-art mass spectrometry analytical equipment to the latest in computer technology, including the only multimillion dollar Security Operations Centre at an Australian university.

7 International opportunities

International study options available via study tours, student exchange and international internships, as well as the opportunity to study a dual degree and graduate with a degree from UK's University of Portsmouth along with an ECU degree.



Highlights

Computing and Security at ECU

ECU is recognised as a leader in cyber security. Our computing and security courses offer a range of majors to choose from, studying in world-class facilities. Our cyber security research and education team is the best in Australia and highly respected globally. ECU is the only Australian university recognised as an International Cybersecurity Center of Excellence, and also plays a key role in the \$139 million Cyber Security Cooperative Research Centre.

Rankings



#1 IN AUSTRALIA
COMPUTING & INFORMATION SYSTEMS
Undergraduate Overall Educational Experience,
Good Universities Guide 2023



#1 WA UNIVERSITY
ENVIRONMENTAL STUDIES
Undergraduate Overall Educational
Experience, Good Universities Guide 2023



#1 WA UNIVERSITY
SCIENCE & MATHEMATICS
Undergraduate Overall Educational
Experience, Good Universities Guide 2023



“The knowledge I have gained from ECU has been a fantastic foundation for me in the workforce.”

Soumita Kale
ECU Cyber Security student

Science at ECU

ECU offers an exciting Bachelor of Science degree covering a broad range of disciplines that give students the opportunity to specialise in a major discipline of study and multi-skill by selecting from a range of optional units, creating a unique graduating skillset to increase their career options.

Students will get the opportunity to learn in a brand new Science building containing multiple super laboratories, the facade of which features the largest permanent periodic table in the world.



Grow your future with a Horticulture major

If the world of plants is your thing, our Horticulture major should be your first pick as part of your ECU Science degree. Horticulturists are experts in the improvement of plant propagation, growth, yields and nutritional value. They also understand how to optimise the quality of fruits, vegetables and flowers, including for economic benefits. Expect lots of lab work and field experiences in this major, as well as engagement with industry professionals.



“The units I studied were closely aligned to real world applications.”

Scott Hazelden
ECU Environmental Management graduate

Work Integrated Learning and employability

All undergraduate courses within ECU’s School of Science offer Work Integrated Learning (WIL) opportunities with industry and government partners, allowing students to gain authentic work experience prior to graduating.

WIL opportunities can include short term placements, internships, industry projects completed on-campus and industry/community volunteering. Students who meet eligibility requirements can even spend their final semester in a full-time placement with an industry partner, including commercial, government or not-for-profit employers. There are also opportunities for paid and unpaid internships with a large number of organisations across the broad range of science and computing subjects. These opportunities prepare you for industry. They will also allow you to get your foot in the door on your path to your dream career and introduce you to networks and potential employees.

→ [Find out more —
ecu.edu.au/science-wil](https://ecu.edu.au/science-wil)

Bachelor of Computer Science

Indicative ATAR:	70			
Duration:	3 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Focuses on the practical and theoretical dimensions of computer science, and prepares students for careers in the fields of computing and software development. The course emphasises critical thinking and problem solving alongside discipline knowledge and skills, providing students with the opportunity to undertake complex computer science projects both independently and in teams.

Students are introduced to concepts including programming, mathematics, networking, databases and security in their foundation year, before specialising in an area of computer science. Advanced topics in computer science, including artificial intelligence and distributed computing, are studied alongside the chosen area of specialisation.

Professional Recognition

Australian Computer Society (ACS) have accredited this course.

Employment Opportunities

This course prepares graduates for a range of careers via practical experience in analysing and solving real world problems in computer science and related disciplines, underpinned by strong theoretical concept knowledge. Over the course of the degree students have the opportunity to undertake international study tours, work integrated learning and internships in their chosen field.

Careers

Computer Programmer, Computer Support Officer, Application Developer, Mobile Application Developer, Systems Analyst, e-Commerce Developer, Software Engineer, Software Designer, Project Manager

Available Majors:	JO	ML	SW	OL
Cyber Security	■			■
Software Engineering	■			■

ECU offers one or more double degrees in this discipline. For more information please visit pages 107.

➔ [See more course information — ecu.edu.au/courses/U65](https://ecu.edu.au/courses/U65)





Bachelor of Counter Terrorism Security and Intelligence

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Brings together the key aspects of national and international security with an emphasis on contemporary security issues. By studying the core elements of terrorism, security and intelligence in the foundation year, students are able to undertake specialised study in how to counter the terrorist threat, apply intelligence gathering techniques, think critically, analyse and understand criminal motivation.

Students will learn to utilise suitable technology to secure assets, protect critical and national infrastructure and employ security management techniques to achieve desired security outcomes.

Employment Opportunities

Graduates can access careers in national security, corporate security, defence, intelligence, government, policing and law enforcement, homeland security, justice, criminology, critical infrastructure protection, threat and risk assessment, security consultancy, corporate intelligence, counter terrorism, and security analysis.

Careers

Security Analyst, Security Manager, Intelligence Analyst, Counter Terrorism Consultant, Security Consultant, Security and Risk Manager, Intelligence Officer, Strategic Risk Analyst, Security Profiler, Intelligence Profiler

Available Majors:	JO	ML	SW	OL
Aviation	■			
Criminology	■			■
Cyber Security	■			■
Data Science	■			
Historical and Political Studies		■		■
Law in Business	■			■
Management	■			■
Professional Studies	■			■



See more course information — ecu.edu.au/courses/Y14

Bachelor of Science (Cyber Security)

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Focuses on the practical and theoretical dimensions of cyber security across a range of fundamental areas, such as network security and vulnerability assessment, information security policy and governance, digital forensics, and ethical hacking. Students will gain a solid grounding in conventional computer and network security concepts and skills. In addition, the course is designed to meet the changing landscape of secure computing, which involves not only computers, but also network enabled devices such as smartphones, tablet devices, and Internet of Things (IoT).

Professional Recognition

Australian Computer Society (ACS) have accredited this course.

Employment Opportunities

This course prepares students for careers in the field of cyber security, including areas such as network security, digital forensics, vulnerability assessment, security risk assessment, penetration testing, threat hunting, and incident response.

Careers

Cyber Security Analyst, Cyber Security Officer, Technical IT Security Officer, Network Security Engineer, Digital Forensic Practitioner (Acquisition and Analysis), Information Security Auditor, Information Security Analyst, Security Consultant, Software Auditor

➔ [See more course information —
ecu.edu.au/courses/Y89](https://ecu.edu.au/courses/Y89)

Bachelor of Science (Cybercrime, Security and Intelligence)



INTERNATIONAL DUAL DEGREE

Indicative ATAR: 70

Duration: 3.5 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Secondary Location

The first two years are delivered by Edith Cowan University on the Joondalup Campus. The third year is delivered by the University of Portsmouth in the United Kingdom on campus, and the final semester is delivered by Edith Cowan University on the Joondalup Campus.

This International Dual Degree program provides you with an opportunity to gain valuable international experience while receiving two degrees. Graduates will receive both a Bachelor of Science (Cybercrime, Security and Intelligence) from ECU and a BSc (Hons) Counter Terrorism, Intelligence and Cybercrime from the University of Portsmouth (UK).

The course prepares graduates to work across the broad security and crime prevention employment domains at the national and international levels. Students will be introduced to the concepts of security risk management, security technology in the protection of assets, counterterrorism, crime prevention and cyber crime. The degree draws on cross disciplinary knowledge and skills from both universities to develop graduates for careers across the broad employment domain of security, crime prevention, law enforcement and community safety (community security).

Employment Opportunities

Graduates can access careers in national security, corporate security, defence, intelligence, government, policing and law enforcement, homeland security, justice, criminology, critical infrastructure protection, threat and risk assessment, security consultancy, corporate intelligence, counter terrorism, and security analysis.

Careers

Security Analyst, Security Manager, Intelligence Analyst, Counter Terrorism Consultant, Security Consultant, Security and Risk Manager, Intelligence Officer, Strategic Risk Analyst, Security Profiler, Intelligence Profiler

→ See more course information — ecu.edu.au/courses/W87

Bachelor of Environmental Science



INTERNATIONAL DUAL DEGREE

Indicative ATAR: 70

Duration: 3.5 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			
Part-time	■			

Secondary Location

The first two years are delivered by Edith Cowan University on the Joondalup Campus. The third year is delivered by the University of Portsmouth in the United Kingdom on campus, and the final semester is delivered by Edith Cowan University on the Joondalup Campus.

This International Dual Degree provides you with an opportunity to gain valuable international experience while receiving two degrees. Graduates will receive both a Bachelor of Environmental Science from ECU and a BSc (Hons) Environmental Science and Management from the University of Portsmouth (UK).

Students gain a grounding in the biological, chemical, physical and social aspects of the environment, and the knowledge and skills used in its management. The course draws on the cross disciplinary knowledge and skills across ECU and the University of Portsmouth to facilitate the pursuit of a career across the broad employment domains of environmental science and management and takes advantage of the specialisations each university offers. Students will spend their third year at the University of Portsmouth undertaking fieldwork in the Mediterranean amongst other subjects, developing resilience, independence and an international outlook.

Employment Opportunities

The strong management focus of this course prepares graduates for careers in government agencies and industries which deal with conservation of biodiversity, environmental impact assessment, environmental planning and the management and rehabilitation of specific ecosystems such as wetlands, forests, coastlines and arid regions.

Careers

Sanctuary Manager, Catchment Officer, Ecotourism Officer, Natural Resource Officer, Environmental Management Officer, Conservation Field Officer, Land Management Officer, Environmental Consultant, Landcare Officer

→ See more course information — ecu.edu.au/courses/W89

Bachelor of Information Technology

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■			■
Part-time	■			■

Focuses on the practical and theoretical dimensions of information technology, and prepares students for careers in the fields of information technology, IT management and cyber security.

The course places an emphasis on critical thinking and problem solving alongside discipline knowledge and skills, providing students with the opportunity to undertake complex information technology projects both independently and in teams. Students are introduced to concepts including programming, mathematics, networking, databases and cyber security in their foundation year, before developing advanced skills in information technology, including web development, data management and visualisation in an enterprise context, IT security management and project management.

Professional Recognition

Australian Computer Society (ACS) have accredited this course.

Employment Opportunities

This course prepares graduates for a range of careers via practical experience in analysing and solving real world problems in information technology and related disciplines, underpinned by strong theoretical concept knowledge. Over the course of the degree students have the opportunity to undertake international study tours, work integrated learning and internships in their chosen field.

Careers





Computer Support Officer, Systems Analyst, IT Consultant, Systems Administrator, Software Support Officer, Project Manager, Systems Integrator, Data Analyst


 [See more course information – ecu.edu.au/courses/U67](http://ecu.edu.au/courses/U67)

Bachelor of Science

Indicative ATAR: 70

Duration: 3 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time				
Part-time				

 Students studying on the South West (Bunbury) Campus can select a major in Conservation Biology or Environmental Management, and can select from a range of optional units. Units undertaken at the South West campus will be delivered as a series of lectures and weekly laboratory classes, supported by technology enhanced learning and digital content. There are also practicum weeks in which fieldwork activities are carried out.

This course provides students the opportunity to engage in high quality studies across a range of science and mathematics disciplines. Students specialise in a single major discipline aligned to their interests and aspirations and select from a range of optional units to broaden their skills and knowledge base. Students also have a great opportunity to gain real world experience through a semester long work integrated learning placement, the only one of its kind in Australia. This course also provides a strong pathway into the Master of Teaching course for those aspiring to become science or mathematics teachers.

Students studying on the South West (Bunbury) Campus can select a major in Conservation Biology or Environmental Management.

Admission Requirements

One or more of the majors in this course has admission requirements. Refer to the major for more information.

Employment Opportunities

Science graduates are employed across a wide range of organisations. These include agrochemical companies, automotive and aerospace industries, banking, computing, consultancies, conservation organisations, defence, education, energy, environmental departments, environmental consulting, export, government, health, healthcare, IT, land and water management, materials, meteorology, mining, natural heritage, parks and gardens, sport, technology, industries deal with conservation of biodiversity, environmental impact assessment and management and rehabilitation of specific ecosystems (such as wetlands, forests, coastlines and arid regions), species conservation programs, environmental planning.

Careers

Analytical Chemist, Environmental Consultant, Data Scientist, Modelling Analyst, Environmental Management Officer, Horticultural Project Officer, Marine Scientist, Freshwater Biologist, Medical Physicist, Sustainability Practitioner





Available Majors	JO	ML	SW	OL
Chemistry	■			
Conservation Biology	■		■	
Data Science	■			
Environmental Management	■		■	
Horticulture	■			
Marine and Freshwater Science	■			
Mathematics	■			
Physics	■			
Sustainability	■			

ECU offers one or more double degrees in this discipline. For more information please visit pages 107.

➔ See more course information — ecu.edu.au/courses/M04

Teacher Education at ECU

Do you want to make a positive difference to young lives in an early childhood setting, primary or secondary school? The teachers of tomorrow choose to study at ECU because we're leaders in education and education research.

ECU's School of Education strives to find better ways to help you become a teacher through pioneering research and outstanding community-based partnerships with schools.

When you study at ECU, you will have a choice from the widest range of education specialisations taught in Western Australia. This gives you the opportunity to tailor your course to help you become the kind of teacher you want to be.

Our courses are professionally accredited by the Teacher Registration Board of Western Australia, while our Early Childhood Studies courses are also approved by the Australian Children's Education and Care Quality Authority.

So, if you want to be part of the next generation of outstanding teachers, ECU's Teacher Education courses will start you on your journey.

Real-world learning in schools and early learning centres

Our courses in early childhood, primary and secondary teacher education are renowned for their extensive professional experience, making our graduates job-ready and preferred by many employers. Your study at ECU will be embedded in authentic classroom settings with real students and real teaching. With over 1,000 partnership schools and early learning centres, your study will focus on the needs of schools of today and will be supported through classroom-based experiences. This ensures you'll be prepared for your very own classroom when you graduate.

Partners in Literacy and Numeracy

Partners in Literacy and Numeracy (PLaN) is an initiative that allows Pre-Service Teachers to provide support to local schools to deliver their literacy and numeracy programs. This allows ECU Pre-Service Teachers to gain extra experience and exposure to a classroom environment beyond the mandatory professional experience. ECU has a growing number of partnerships with schools throughout metro WA to deliver the PLaN initiative.



To find out more, visit ecu.edu.au/education/plan





Real-world teaching experience

Internship opportunities

ECU's School of Education offers immersive internship programs in the Early Childhood, Primary and Secondary courses.

The internship programs have a vastly different emphasis from the Assistant Teacher Program (ATP) professional experience placement. Choosing an internship program assists to develop a deeper level of understanding of the complexity of school culture and what it means to be a committed graduate teacher. This may look different across settings as schools and early learning centres may use an intern in one classroom, across classrooms or to develop a specific project to implement.

The intern's relationship with staff will progress to that of a colleague engaged in professional learning. During an internship there is a strong emphasis on independent learning, whilst supported by experienced staff from the school/early learning centre and University.

➔ To find out more, visit ecu.edu.au/schools/education/internships

Your career destinations

We offer a full range of teaching courses to help you begin your teaching career, as well as professional development courses to ensure you're always ready for future career opportunities. Some of the exciting and fulfilling professional careers available to teaching graduates in Australia and internationally include:

- Classroom teacher
- Lead teacher
- Education consultant
- Curriculum consultant
- Deputy Principal or Principal
- Regional Executive Director
- Director General or Chief Executive Officer
- Teacher educator
- Researcher

Diversity in education

Our ongoing relationships and established partnerships with public and private schools and early learning centres, in both local and regional areas, will allow you to gain experience with children with diverse learning abilities and from differing economic, social, ethnic and educational circumstances.

Flexible offerings

At ECU's School of Education, we strive to provide the support and flexibility required to graduate WA's top teachers. Some of the ways we achieve this include:

- Courses are available at Mount Lawley, Joondalup and ECU South West
- Knowledgeable, experienced teaching staff who are friendly and supportive
- Extensive hands-on experience in the classroom
- A fast tracked final year of study in some courses
- Wide range of admission pathways
- Opportunity to graduate with a formal specialist area of study within Early Childhood Studies and Primary courses
- Students can graduate with both a major and minor in the Secondary course



"I feel very confident to begin work as a graduate teacher."

James O'Neil
ECU Secondary Drama Education graduate



ECU Ranked among the best



Australia's top public university for Undergraduate Teaching Quality, Skills Development and Learning Resources in Teacher Education, (QILT, 2021).



Top university in Australia for Undergraduate Teaching Quality, Skills Development and Learning Resources in Teacher Education, (Good Universities Guide, 2023).



Top 300 university in the world for Education studies, (THE Subject Rankings, 2023).

Bachelor of Education (Early Childhood Studies)

Indicative ATAR: 70

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■		✱	■
Part-time	■		✱	■

✱ ECU South West students study in a custom designed format that accommodates students travelling long distances. SW students attend only one full day on campus per week, complemented with one online unit per semester for full-time students.

Students may be required to attend both Joondalup and Mount Lawley Campuses depending on their specialisations.

This nationally accredited course is designed to graduate early childhood educators who are competent teachers ready to work in schools and a range of early childhood settings. Key features of this course include child development and connecting theory with practice. Graduates will have the knowledge and be able to develop early childhood educational programs for children from birth to 8 years of age.

Partnerships with over 1,000 schools and early childhood settings allow Pre-Service Teachers to gain experience in diverse settings, including public, private, metropolitan, regional and remote contexts working with children, families and communities.

In addition, a distinguishing feature of this course is that Pre-Service Teachers have the opportunity in the fourth year of their course to specialise and broaden their knowledge and skills in an area of interest. Units are also available in the degree that enables Pre-Service Teachers to complete accreditation requirements to teach in Catholic schools.

Final year Pre-Service Teachers can apply for a place in the internship program in either a school or early learning setting.

Available Specialisations:	JO	ML	SW	OL
Arts		■		■
Catholic Studies		■		
Creativity in Early Childhood	■			■
Diversity in Early Childhood	■			■
Special Education	■			■

Admission Requirements

All applicants are required to satisfy non-academic criteria, in addition to satisfying academic entry criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.

Professional Experience

In each year of the program, students undertake compulsory Professional Experience and in the final year, students undertake an Assistant Teacher Program (ATP) comprising of one term of approximately 10 weeks of continuous teaching practice. The Assistant Teacher Program is conducted during the final year of the course in the second term of the school year.

There are attendance requirements for Professional Experience.

Clearance and/or Risk Management Protocols Required

To undertake a Professional Experience in a school or childcare setting, all pre-service teacher education students over the age of 18 must have supplied ECU with evidence of the following two clearances:

- A valid Nationally Coordinated Criminal History Check (NCCHC) from the Department of Education WA.
- A valid Working with Children Check (WWCC) from the Department for Child Protection and Family Support WA.

A placement host may have vaccination and other requirements. Please consider this requirement before enrolling in this course and speak with the Course Coordinator if this raises any concerns. You may not be able to complete placement units if you are unable to meet the placement requirements, which may impact your ability to complete this course.

Further information can be found at ecu.edu.au/schools/education/professional-experience/before-professional-experience

Literacy and Numeracy Test for Initial Teacher Education Students

It is a requirement for any student enrolled in a nationally accredited Initial Teacher Education Program (ITE) to sit the Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) and meet or exceed the national benchmark to graduate as specified by the Australian Council of Education Research (ACER). The tests are set, monitored and assessed by ACER.

Visit teacheredtest.acer.edu.au for more information.

Professional Recognition

Australian Children's Education & Care Quality Authority (ACECQA) have accredited this course. Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

Registration

Students will need to graduate to be eligible to register with the Teacher Registration Board of Western Australia (TRBWA). Registration with

the Teacher Registration Board of Western Australia (TRBWA) is required to practice in the profession. Graduates must meet the Teacher Registration Board of WA (TRBWA) literacy and numeracy proficiency requirements prior to graduation for teacher registration in Western Australia. Further information is available at trb.wa.gov.au

Non-Standard Timetable

Students have the opportunity to complete a fast-tracked final year and achieve eligibility for employment in schools from Term 4 during the same year.

Employment Opportunities

This course creates quality graduates ready to take up employment in education learning environments.

Careers

Kindergarten, Pre-Primary or Junior Primary Teacher, Child Care Professional, Pedagogical Leader, Centre Director



See more course information — ecu.edu.au/courses/Y42





Bachelor of Education (Primary)

Indicative ATAR: 70

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■	■	■	■
Part-time	■	■	■	■

Students may be required to attend both Joondalup and Mount Lawley Campuses depending on their specialisations.

This nationally accredited course is dedicated to producing future teachers ready to enter the primary education teaching profession. A key feature of this course is the range and number of professional practice experiences offered to Pre-Service Teachers, ensuring they can make the essential connection between theory and practice, while building both professional and generic employability skills in real teaching environments.

Partnerships between ECU and over 1,000 schools and early learning centres allow for Pre-Service Teachers to gain experience in diverse settings, including public, private, metropolitan, regional, rural or remote schools, working with children from diverse economic, social, ethnic and educational backgrounds.

Final year Pre-Service Teachers can apply for a place in the internship program in a school.

Pre-Service Teachers also have the opportunity to complete a formal specialisation in their Primary Education qualification. This enables Pre-Service Teachers to obtain a deeper and broader level knowledge and understanding in a particular Learning Area at the graduate level. Units are also available in the degree that enable students to complete accreditation requirements to teach in Catholic schools.

Available Specialisations:	JO	ML	SW	OL
Arts	■	■	■	■
Catholic Studies	■	■	■	■
English	■	■	■	■
Health and Physical Education	■	■	■	■
Humanities and Social Sciences	■	■	■	■
Languages	■	■	■	■
Mathematics	■	■	■	■
Music	■	■	■	■
Science	■	■	■	■
Special Education	■	■	■	■

Admission Requirements

All applicants are required to satisfy non-academic criteria, in addition to satisfying academic entry criteria. Applicants' non-academic capabilities will be assessed based on completion of a Non-Academic Requirements for Teacher Entry (NARTE) online questionnaire.

One or more of the specialisations in this course has admission requirements. Refer to the specialisations for more information.

Professional Experience

In each year of the program, students undertake compulsory Professional Experience and in the final year, students undertake an Assistant Teacher Program (ATP) comprising 8 weeks of continuous teaching practice. The Assistant Teacher Program is conducted during the final year of the course in the second term of the school year.

Students will complete:

- 7 distributed days and 2 weeks in Year 1 (EDL1240 and PPA1260)
- 4 weeks in Year 2 (PPA2360)
- 5 weeks in Year 3 (PPA3260)
- 8 weeks in Year 4 (ATP4440)

There are attendance requirements for Professional Experience.

Clearance and/or Risk Management Protocols Required

The Department of Education Western Australia and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. For these reasons, all Pre-Service Teachers 18 years of age and over will be required to have a current Department of Education National Coordinated Criminal History Check (NCCHC) and a current Working with Children Check, or the equivalent clearance issued by the relevant State authority before commencing this period of Professional Experience.

A placement host may have vaccination and other requirements. Please consider this requirement before enrolling in this course and speak with the Course Coordinator if this raises any concerns. You may not be able to complete placement units if you are unable to meet the placement requirements, which may impact your ability to complete this course.

Further information can be found at ecu.edu.au/schools/education/professional-experience/before-professional-experience

Literacy and Numeracy Test for Initial Teacher Education Students

It is a requirement for any student enrolled in a nationally accredited Initial Teacher Education Program (ITE) to sit the Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) and meet or exceed the national benchmark to graduate as specified by the Australian Council of Education Research (ACER). The tests are set, monitored and assessed by ACER.

Visit teacheredtest.acer.edu.au for more information.

Professional Recognition

Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

Registration

Students will need to graduate to be eligible to register with the Teacher Registration Board of Western Australia (TRBWA). Registration with the Teacher Registration Board of Western Australia (TRBWA) is required to practice in the profession. Graduates must meet the Teacher Registration Board of WA (TRBWA) literacy and numeracy proficiency requirements prior to graduation for teacher registration in Western Australia. Further information is available at trb.wa.gov.au

Non-Standard Timetable

Students have the opportunity to complete a fast-tracked final year and achieve eligibility for employment in schools from Term 4 of that year.

Employment Opportunities

This course creates quality graduates ready to take up employment in education learning environments.

Careers

Primary School Teacher



See more course information — ecu.edu.au/courses/Y41



Bachelor of Education (Secondary)

Indicative ATAR: 70

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time	■	+	■	
Part-time	■	+	■	

Students may be required to attend both Joondalup and Mount Lawley Campuses depending on their selected major and minor combination.

This nationally accredited course provides the opportunity for those with a passion in a particular subject specialisation and the desire to work with young people, to become secondary teachers.

Students study their preferred areas of specialisation, in addition to a suite of core education units that address key educational needs of young people. Graduates of this course will have the flexibility to take up employment in both private and government secondary schools.

A central feature of this course is the range of professional practice experiences Pre-Service Teachers undertake throughout their training. This provides valuable and diverse employability skills and enables them to connect theory to practice.

Available Specialisations:	JO	ML	SW	OL
Biological Science Education	■			
Chemistry Education	■			
Design and Technology Education		■		
Drama Education		■		
English Education		■		
Food and Materials Technologies: Home Economics	■			
Health and Physical Education	■			
Humanities and Social Sciences Education		■		
Mathematics Education	■			
Music Education		■		
Physics Education	■			
Visual Arts Education		■		

Admission Requirements

One or more of the majors in this course has admission requirements. Refer to the website for more information.



Professional Experience

Students are provided numerous opportunities to make the connection between theory and practice, through professional experiences.

Partnerships between the University and a diverse range of secondary schools allow students to gain the experience they need to become successful and confident teachers.

Students will complete a 3-week placement (PPA2211) in Year 2 and a 5-week placement (PPA3211) in Year 3. These Professional Experience placements allow students to apply their knowledge of secondary education and build professional and generic employability skills in real classroom settings, culminating in a 8-10 week Assistant Teacher professional experience placement (PPA4311) in the final year of the degree.

Further information regarding Professional Experience can be found at ecu.edu.au/schools/education/professional-experience

There are attendance requirements for Professional Experience.

Clearance and/or Risk Management Protocols Required

The Department of Education Western Australia and cooperating non-government schools have the right to determine 'fit and proper persons' to enter and practice in schools. For these reasons, all Pre-Service Teachers 18 years of age and over will be required to have a current Nationally Coordinated Criminal History Check (NCCHC) and a current Working with Children Check, or the equivalent clearance issued by the relevant State authority before commencing this period of Professional Experience.



A placement host may have vaccination and other requirements. Please consider this requirement before enrolling in this course and speak with the Course Coordinator if this raises any concerns. You may not be able to complete placement units if you are unable to meet the placement requirements, which may impact your ability to complete this course.

Further information can be found at ecu.edu.au/schools/education/professional-experience/before-professional-experience

Literacy and Numeracy Test for Initial Teacher Education Students

It is a requirement for any student enrolled in a nationally accredited Initial Teacher Education Program (ITE) to sit the Literacy and Numeracy Test for Initial Teacher Education Students (LANTITE) and meet or exceed the national benchmark to graduate as specified by the Australian Council of Education Research (ACER). The tests are set, monitored and assessed by ACER.

Visit teacheredtest.acer.edu.au for more information.

Professional Recognition

Teacher Registration Board of Western Australia (TRBWA) have accredited this course.

Registration

Students will need to graduate to be eligible to register with the Teacher Registration Board of Western Australia (TRBWA). Registration with the Teacher Registration Board of Western Australia (TRBWA) is required to practice in the profession. Graduates must meet the Teacher Registration Board of WA (TRBWA) literacy and numeracy proficiency requirements prior to graduation for teacher registration in Western Australia. Further information is available at trb.wa.gov.au

Employment Opportunities

This course creates quality graduates ready to take up employment in education learning environments.

Careers

Teacher, Education Officer, High School Teacher, Art Teacher, Biological Science Teacher, Design & Technology Teacher, Drama Teacher, Economics Teacher, English Teacher



See more course information —
ecu.edu.au/courses/Y68

WAAPA at ECU

The Western Australian Academy of Performing Arts (WAAPA) at ECU is one of the world's most celebrated performing arts academies.

WAAPA is recognised nationally and internationally for the quality of its graduates. It provides the most comprehensive range of performing arts training in Australia – both on stage and behind the scenes. Course entry is competitive, with an audition and/or an interview required as part of the application process.

Star graduates

WAAPA graduates are in high demand and excel in their chosen professions, making a significant contribution to the performing arts and allied industries. Highly celebrated graduates include actors Hugh Jackman, Frances O'Connor, Sam Corlett, Shalom Brune-Franklin, Dacre Montgomery, Rachael Maza and Jai Courtney; comedians Jim Jeffries and Tim Minchin; opera singers Emma Matthews, Duncan Rock and Rachelle Durkin; music theatre stars Lisa McCune, Eddie Perfect and Lucy Durack; musicians Troy Roberts, Linda May Han Oh, Chris Dragon, Jessica Gethin and Meg Mac. WAAPA's Arts and Cultural Management, and Production and Design professionals can also be found working in arts organisations and companies around the world.



'Samovila' 2022.
Photo by Stephen Heath



“The Arts and Cultural Management course at WAAPA is fantastic.”

Alexander McKinnon
WAAPA Arts and Cultural Management graduate

WAAPA VET courses overcome barriers to performing arts training

WAAPA is the perfect place to study for anyone seeking a career in the performing arts, entertainment, film and television industries. WAAPA offers nationally-recognised training for Certificate, Diploma and Advanced Diploma courses across disciplines including Aboriginal Performance, Acting, Dance, Costume, Design, Lighting, Music, Music Theatre, Props and Scenery, Screen Performance, Sound, and Stage Management. No ATAR is required and entry is based on a successful audition and/or interview or folio submission. VET Student Loans (VSL) are also available for eligible Diploma and Advanced Diploma students.

Cultural collaboration with leading locals

WAAPA is proud to be working in close collaboration with many of Western Australia's leading cultural organisations, including Arts and Culture Trust, Black Swan State Theatre, West Australian Ballet, West Australian Symphony Orchestra, West Australian Opera, Perth Symphony Orchestra, Yirra Yaakin Theatre Company, The Blue Room Theatre, Spare Parts Puppet Theatre, Perth Festival, Fringe World Festival and Co: 3 Contemporary Dance Company.



“I travelled to Perth from Sweden because of WAAPA’s Performance Making course. It’s unlike anything I could find at home.”

Linnea Tengroth
WAAPA Performing Arts graduate



“From the moment I stepped into the Design Studio at the WAAPA Open Day, I knew that’s what I wanted to do.”

Nikita Bernardo
WAAPA Production Design graduate

Applications & Admissions

Applying for WAAPA courses

All applicants for courses at WAAPA must complete an online application form which can be accessed via

→ ecu.edu.au/waapa

An application fee applies.

Applications for WAAPA courses (excluding the Bachelor of Music) are not accepted through ECU's Experience Based Entry Scheme.

Admissions information

WAAPA offers a wide range of courses from Vocational Education and Training (VET) Certificates, Diplomas and Advanced Diplomas, through to Higher Education Bachelor, Master and Doctoral degrees.

Admission to all WAAPA courses is by audition and/or interview.

Admission to programs at WAAPA also requires applicants to meet ECU's standard university admission requirements.

Applications for WAAPA courses are open from July to September the year prior to course commencement.

Interviews, auditions and folios

All WAAPA courses require applicants to complete an interview and/or audition, or submit a folio of work, as part of the selection process.

For more specific information about interviews, auditions and folios, visit waapa.ecu.edu.au

RTO Provider

RTO Provider 4756



'Ghosted' 2022.
Photo by Stephen Heath

Aboriginal Performance

Indicative ATAR:	Not applicable			
Duration:	1 year full-time			
Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

This course prepares Aboriginal and Torres Strait Islander students to enter the performing arts industry as a theatre, film and television actor. On successful completion, students will have integrated acting, dance and singing into a rounded performance skill. Graduates will also have knowledge of indigenous culture in relation to contemporary performance and the skills required to audition for roles in theatre, film and television.

Careers

Actor, Performer, Entertainer

 [See more course information –
ecu.edu.au/waapa](https://ecu.edu.au/waapa)

Acting

Indicative ATAR:	Not applicable			
Duration:	1 year full-time			
Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

Prepares students with a range of knowledge and skills to enter the performing arts industry as an actor for roles in theatre productions.

On successful completion of the course, students will have integrated theatre acting, voice, movement, and industry practice into a tangible performance skill, acquired knowledge of script analysis in the context of acting for theatre, and be cognisant of the communication and pre-professional skills necessary to audition for and perform roles in theatre.

Careers

Actor, Entertainer, Performer, Theatre Actor

 [See more course information –
ecu.edu.au/waapa](https://ecu.edu.au/waapa)

Bachelor of Arts (Acting)

Indicative ATAR:	Not applicable			
Duration:	3 year full-time			
Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

Studying acting at WAAPA is an inspiring and all-consuming experience. This degree produces graduates who are prepared for a career in a wide variety of media, including theatre, television, film and radio, both in Australia and internationally. The course has evolved as an extensive conservatoire training program guided by a philosophy of discovery, application and embodiment, delivered at all times in a diverse and inclusive environment. The core innovation of the program is to unite rigorous skills-based actor training with local, national and international guest directors and organisations, to simulate real-life industry programs and productions.

The combination of all these factors means that students graduate with more than just acting skills: they are self-determined, autonomous strategists who are resilient and elite performers at the top of their game.

Non-Standard Timetable

Performances and rehearsals may include evenings and/or weekends.

Employment Opportunities

Graduates gain employment attracting A-list agents and become artists of the future, capable of contributing to a vibrant artistic community. Our graduates find employment across a range of media, including theatre, commercials, main stage, independent, children's theatre, community, comedy festivals, film, television, radio, writing, producing, casting, marketing, and many more.

Careers

Actor, Theatre Actor, Screen Actor, Writer, Producer, Director, Radio Voice Over Artist, Radio Broadcaster

 [See more course information –
ecu.edu.au/courses/Y93](https://ecu.edu.au/courses/Y93)

Bachelor of Arts (Arts and Cultural Management)

Indicative ATAR:	70			
Duration:	3 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time		■		■
Part-time		■		■

Prepares students to enter many branches of the arts and creative industries. These could include working in theatre companies, arts venues, dance companies, exhibitions, galleries, concerts, festivals, cultural organisations, as well as technology creation and gaming companies.

Students develop professional knowledge and skills in arts and cultural management, marketing, finance and legal compliance, and at every stage of the course apply what they learn to industry practicums. The course has a strong focus on social and cultural sustainability, creativity and innovation, and emerging digital arts experiences. By engaging with corporate and community partners from diverse industry environments and workplaces, the course readies students for employment in a diverse range of positions within large and small companies, institutions and organisations, nationally and internationally.

Admission Requirements

All applicants are required to attend an interview. It is important that prospective students have an existing interest and background in the arts and creative industries, and a commitment to extending their knowledge in arts and cultural management.

Practicum

All students must complete the WIL units ADM1600 Introduction to the Arts and Creative Industries, ADM1610 Arts and Events Production and Presentation, ADM2600 Arts Organisations Management, ADM2615 Arts and Festivals Marketing, ADM2620 Cultural Policy and Planning, ADM3600 Applied Arts Law, ADM3610 Venue Operations Management and ADM3625 Arts Management Studio. There are attendance requirements for this practicum.

Non-Standard Timetable

Students may be required to attend/support evening and weekend performances, rehearsals and/or practicums. These may be at locations external to ECU.

Employment Opportunities

The course provides lifelong transferable skills, equipping graduates for employment in a wide range of professional arts and cultural industries, nationally and internationally.

Careers

General Manager, Arts Marketing Manager, Arts Finance Manager, Audience Development Manager, Sponsorship Manager, Business Development Manager, Communications Manager, Producer, Program Manager, Venue Manager

➔ [See more course information —
ecu.edu.au/courses/T74](https://ecu.edu.au/courses/T74)

Bachelor of Arts (Dance)

Indicative ATAR:	Not applicable			
Duration:	3 years full-time			
Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

A challenging contemporary dance course where regular performance, intensive training and classroom practice are central to the philosophy of the program. The pursuit of physical excellence is paired with the nurturing of creativity, laying the foundations for the performer, choreographer and/or independent practitioner. The course provides an insight into dance as an art form, and as a social and educative experience, offering additional skills in communication, critical thinking, research and analysis.



Photo by Kathy Wheatley

Sustainability in relation to professional career pathways is emphasised through engagement with industry partners and exposure to diverse performance environments. Industry placement, short study tours and international exchange opportunities provide a local, national and international perspective.

Admission Requirements

All applicants are required to submit satisfactory medical reports, and attend an audition and an interview. Information regarding interview and audition requirements and procedures is available from WAAPA.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Employment Opportunities

This course encourages students to pursue individual goals as dance artists, choreographers, teachers, dance academics or researchers.

Careers

Dancer, Contemporary Dancer, Ballet Dancer, Choreographer, Dance Teacher, Entertainer, Performer, Dance Researcher, Dance Academic

→ See more course information — ecu.edu.au/courses/T73

Bachelor of Music

Indicative ATAR: 70

Duration: 4 years full-time or part-time equivalent

Availability:	JO	ML	SW	OL
Full-time		■		
Part-time		■		

This degree provides students with the skills to succeed in the music industry. Students can pursue highly specialist training in areas both inside and outside of their chosen major. With a focus on practical skills in classical, contemporary, jazz, composition and music technology, the course is taught by world class practitioners whose expertise spans the breadth of the music world today.

Admission Requirements

All applicants are required to attend an audition. The audition includes a theory test and an interview. Note: The audition/interview requirement may be waived for current ECU students enrolled in the Diploma of Music and Advanced Diploma of Music.

Employment Opportunities

The course provides lifelong transferable skills, equipping graduates for employment in a wide range of professional industries.

Careers

Performer, Musician, Classical Musician, Jazz Musician, Contemporary Musician, Pop Musician, Music Artist, Composer, Researcher

Available Majors	JO	ML	SW	OL
Classical Performance		■		
Composition and Music Technology		■		
Contemporary Performance		■		
Jazz Performance		■		

→ See more course information — ecu.edu.au/courses/W76

Music

Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

WAAPA offers nationally-recognised qualifications in this area, allowing students to specialise in Creation and Composition, Sound Production or Performance (Classical, Jazz, Contemporary Performance or Contemporary Music Artist).

Employment Opportunities

Ideally suited for the musician, singer and/or songwriter, or sound technician aiming to sustain a career in the music industry.

Careers

Musician, Performance Artist, Composer, Performer, Entertainer, Sound Recordist, Sound Designer, Sound Engineer, Sound Mixer

Available Streams:	JO	ML	SW	OL
Creation & Composition		■		
Performance		■		
Sound Production		■		

→ See more course information — ecu.edu.au/waapa

Bachelor of Arts (Music Theatre)

Indicative ATAR:	Not applicable			
Duration:	3 years full-time			
Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

Provides technical training in singing, music skills, specific dance forms, improvisation and acting, including acting for the camera. The course also provides the opportunity for student performers to acquire specialist skills such as the creation and production of self-devised material, arts management and musical skills such as accompanying.

Admission Requirements

All applicants are required to attend an audition. In accordance with ECU's Admissions Policy, applicants are required to participate in an audition process (or supply specific audition material) in order to demonstrate capability as required for the course. Additionally, applicants must attend an interview. The audition and interview are comprehensive; information relating to requirements and procedures is available from WAAPA.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Non-Standard Timetable

Students will undertake regular timetabled classes during teaching weeks and intensive modular projects in specialist areas.

Rehearsals and performances for large-scale productions require some evening and weekend commitments outside regularly timetabled hours. Overall scope of commitment is confined to WAAPA's timetable.

Employment Opportunities

This course prepares graduates to enter the performing arts industry as elite practitioners with skills and knowledge in music theatre. Transferrable skills provide graduates the potential to pursue work as administrators, producers, directors, choreographers, writers, as well as performers in other media including film and television, radio, broadcasting, commercials and promotional work.



'Crazy For You' 2021
Photo by Stephen Heath

Practical applications of skills and knowledge in simulated workplace environments throughout the course ensure that graduates are ready for work.

Careers

Actor, Singer, Performer, Entertainer, Dancer



See more course information —
ecu.edu.au/courses/G44

Musical Theatre

Indicative ATAR:	Not applicable			
Duration:	1 year full-time			
Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

This nationally-recognised qualification reflects the role of performers working or aspiring to work in musical theatre and cabaret productions. Students will develop skills in acting, singing and dancing, and the important integration of all three, through highly practical classes and production projects.

Careers

Actor, Singer, Performer, Entertainer, Dancer



See more course information —
ecu.edu.au/waapa

Bachelor of Performing Arts

Indicative ATAR:	Not applicable			
Duration:	3 years full-time			
Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

Explores original, self-devised and collaborative approaches to researching, creating, producing and presenting contemporary arts practice. The course provides students with coherent knowledge of the performing arts, combining theoretical and technical knowledge of performance, and seeks to unlock limitations through practical inquiry. It also examines the ever-evolving nature of contemporary practice and new approaches to presentation and production.

Students will develop critical thinking and creative problem-solving skills. Self-directed projects will develop confidence in working independently and highly collaborative group work will develop the ability to work as part of a cohesive team. The third year offers the opportunity for students to focus on a particular discipline or area of practice.

Admission Requirements

All applicants are required to meet the technical requirements of the course and will be assessed on their suitability for the industry. One or more of the majors in this course has admission requirements. Refer to the major for more information.

Applications for this course are not accepted through ECU's Experience Based Entry Scheme.

Practicum

Students participate in various forms of WIL including in productions/projects.

For more information, see course details on the WAAPA website.

Non-Standard Timetable

Units in the course may involve working on and off campus outside of standard teaching hours.

Employment Opportunities

This course is underpinned by core performance, communication and management skills that are necessary to gain professional employment as a contemporary arts practitioner.

Careers

Performer, Musician, Director, Choreographer, Designer, Composer, Sound Designer, Arranger, Dramaturg

Available Majors	JO	ML	SW	OL
Performance Making		■		

➔ See more course information – ecu.edu.au/courses/Y97

Production and Design

Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

WAAPA offers nationally-recognised qualifications in this area, providing students with a diverse selection of 'on-the-job' theatrical experiences. Students have access to simulated industry training in the design, construction and management of the Academy's annual repertoire of concerts and performance seasons, utilising WAAPA's diverse range of venues, as well as numerous external performance spaces.

The program is structured to provide skills and experience consistent with the growing needs of the entertainment industry. Students work as directed on productions mounted by WAAPA and begin by assisting, until sufficiently skilled, to perform designated tasks. In the final year of the program, students will be expected to provide service at a professional level of competence.

Employment Opportunities

Employment opportunities exist in the film, television, theatre, music festival, performing arts and allied entertainment industries, depending on the area of specialisation.

Careers

Scenic Designer, Costume Designer, Stylist, Art Finisher, Costumier, Dresser, Film Standby, Milliner, Muralist, Stage Manager, Supervisor, Scenic Artist, Workshop Manager

➔ See more course information – ecu.edu.au/waapa

Professional Dance: Elite Performance

Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

WAAPA offers nationally-recognised qualifications in this area, providing intense technical training and stylistic/artistic expression through practical experience, classes and performance opportunities. Students develop technical and creative skills in discipline areas of ballet, pointe, pas de deux and solos, contemporary techniques, choreography, dance history, music for dance, anatomy, nutrition and fitness.

➔ See more course information — ecu.edu.au/waapa



'Rise' 2022
Photo by Stephen Heath



Photo by Stephen Heath

Screen Performance

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability:	JO	ML	SW	OL
Full-time		■		
Part-time				

This nationally recognised course prepares performers with a range of knowledge and skills to enter the performing arts industry as a screen performance actor for roles in television and film productions.

On successful completion of the course, students will have combined screen acting, storytelling, and industry practice into a tangible performance skill; acquired a basic knowledge of camera operation and script analysis in the context of screen performance; and understand the communication and pre-professional skills necessary to audition for and perform roles in television and film.

Employment Opportunities

Graduates may choose to audition for higher level qualifications or audition for roles in industry.

Careers

Actor, Film and Television Actor, Performer, Screen Actor

➔ See more course information — ecu.edu.au/waapa



Screen Performance students on set.
Photo Damian Foley



Give yourself an edge with a double degree

With an ECU double degree, you'll study one more year than a typical single degree course, but it could lead to all sorts of career opportunities you hadn't thought of.

Bachelor of Arts / Bachelor of Commerce

→ See more course information
ecu.edu.au/courses/W57

Bachelor of Arts / Bachelor of Media and Communication

→ See more course information
ecu.edu.au/courses/W62

Bachelor of Arts / Bachelor of Science

→ See more course information
ecu.edu.au/courses/W58

Bachelor of Commerce / Bachelor of Psychology

→ See more course information
ecu.edu.au/courses/W75

Bachelor of Engineering (Computer Systems) Honours / Bachelor of Computer Science

→ See more course information
ecu.edu.au/courses/Y64

Bachelor of Engineering Honours / Bachelor of Commerce

→ See more course information
ecu.edu.au/courses/W26

Bachelor of Engineering Honours / Bachelor of Laws

→ See more course information
ecu.edu.au/courses/Y66

Bachelor of Engineering Honours / Bachelor of Science

→ See more course information
ecu.edu.au/courses/W32

Bachelor of Science (Exercise and Sports Science) / Bachelor of Commerce (Sport Business)

→ See more course information
ecu.edu.au/courses/W31

Bachelor of Laws / Bachelor of Commerce

→ See more course information
ecu.edu.au/courses/W28

Bachelor of Laws / Bachelor of Criminology and Justice

→ See more course information
ecu.edu.au/courses/K30

Bachelor of Laws / Bachelor of Psychology

→ See more course information
ecu.edu.au/courses/W83

Bachelor of Engineering (Mechatronics) Honours / Bachelor of Technology (Motorsports)

→ See more course information
ecu.edu.au/courses/Y75

Bachelor of Science / Bachelor of Commerce

→ See more course information
ecu.edu.au/courses/W27

What pathway can you take into ECU?

If you don't have an ATAR, or you do but got a lower ATAR than expected, you still have pathway options into university courses.

For some of these pathways, you may need to have completed WACE.

▶ Watch a short video on pathways — youtu.be/p1UUREajINI

University Preparation courses

This is a pathway we recommend to students who didn't get an ATAR, or didn't get the ATAR they had hoped for. UniPrep courses are free too.

UniPrep is either a standard uni semester course or one of two intensive courses – UniPrep Accelerate for 4 weeks in January and UniPrep Summer from November to January.

→ Read more about UniPrep — ecu.edu.au/degrees/uniprep

Creative Arts Portfolio Entry

If you've finished school without an ATAR but you're really interested in art and design, this might be your pathway.

You'll need to complete an application and attend an interview, plus show us your portfolio.

→ Read more about CAPE — ecu.edu.au/future-students/course-entry/creative-arts-portfolio-entry

Experience Based Entry

If you don't have an ATAR (or had a near-miss) or any VET qualifications, like a Cert IV, this could be your way into university.

You'll need to include a letter telling us about your goals and why you want to go to uni as part of your application, along with references.

→ Read more about Experienced Based Entry — ecu.edu.au/future-students/course-entry/experience-based-entry-scheme

Diploma or Cert IV Entry

If you've completed or started a VET course at a TAFE or another training organisation since high school, you might also have a pathway to uni.

If you completed a Diploma or an Advanced Diploma you may be eligible to go straight into an undergraduate course.

→ Read more about all pathways — ecu.edu.au/degrees/pathways



“I'd been out of school for a long time but UniPrep gave me the skills to write essays, research and manage my time effectively.”

Kelly Vestby
UniPrep graduate and Nursing student



UniPrep

Our free UniPrep courses are open to school leavers and mature age students. On successful completion, you'll be eligible for entry into many of our degree courses. If you haven't been at school for a while, don't have formal qualifications or a Year 12 result you'd hoped for, UniPrep could really change your future.

How it works

University preparation courses prepare you for university level study by teaching you the skills required for academic success –with an emphasis on you becoming an independent learner.

You can study during a standard uni semester with UniPrep General, or choose from two shorter intensive courses –UniPrep Accelerate or UniPrep Summer.

All courses cover information/communication technology skills, academic research and writing, mathematical concepts and techniques, and a wide range of interpersonal communication skills.

You'll also be introduced to life at ECU and have access to course and career advice to help you make informed decisions about selecting a degree.

Courses

At ECU, we understand that you need flexibility, so our University Preparation courses can be studied in as little as 6 months full-time or 12 months part-time. You can also choose to attend classes on-campus, study online, or a combination of both.

UniPrep Accelerate

This is our program for school leavers with a near-miss ATAR. It's an intensive 4-week university preparation course, run in January on our Joondalup Campus. On successful completion, you'll be able to start uni in Semester 1 with everyone else. Best of all, it's free! If you're expecting an ATAR between 55-69, you can apply now.

UniPrep Summer

This is another intensive university preparation course. UniPrep Summer runs from late November until the end of January.

Exams for most subjects are in late January or early February, so it's possible to successfully complete the course in time to start uni in Semester 1.

UniPrep General

Our popular and free university preparation course that, if completed successfully, can get you into almost all ECU undergraduate courses. You can study full-time for one semester or part-time over two semesters, starting the same dates as undergraduate courses.



See more course information —
ecu.edu.au/courses/C28

How to apply

Application options can vary, depending upon your situation and your chosen pathway.

Australian universities have 4 standard categories that cover student applications.

These are:

- Recent secondary education (typically most school leavers)
- Work and life experience (usually mature age students who've been working)
- Vocational education and training (VET) (think TAFE students)
- Higher education student (people who've got a degree or done a bridging course)

We won't try to explain these in this space, but we suggest you visit our Applying page and see which category is your best fit.

The page also details your different entry requirements and options.

 Everything about applying is here – ecu.edu.au/future-students/applying

If you'd rather talk to us about applying for courses, we'd love to hear from you. Call 134 328 or drop into your nearest ECU campus.

WAAPA courses

Western Australian Academy of Performing Arts applications are different to other undergraduate courses.

In most WAAPA disciplines you can expect to have auditions and interviews.

Note: You'll need to apply direct to us, not via TISC for WAAPA courses, or for the Music Education major in our Secondary Education course.

Screen Studies

You can study the Screen Studies major (Bachelor of Media and Communications degree) if you have an Advanced Diploma of Screen and Media or equivalent.

If you have a Diploma of Screen and Media, you'll need to do a transitional semester to qualify.

Talk to us to check your eligibility. You'll need to apply direct to us not via TISC.

Become an ECU student in 6 steps

- 1 Choose your course.**
Consider having a back-up course in case you've applied for a popular course, and it's oversubscribed. You can apply for up to 3 courses at once.
- 2 Check entry requirements.**
Some courses have special admission or 'inherent' requirements so check these too.
- 3 Check the application date.**
Don't miss the deadline for your chosen course/s.
- 4 Apply for a scholarship.**
These are awarded to all kinds of people, not just high achievers. You can do this when you apply for a course.
- 5 Have your paperwork ready.**
You'll need scanned copies of other qualifications, your résumé or other required paperwork ready to upload.
- 6 Accept your offer.**
If you're successful, we'll send you an offer of a place. We hope you accept it and become an ECU student!



Can you afford to go to uni?

As a new student, it's important to consider how much your studies will cost and what kind of assistance may be available if you need it.

The largest expense at university is your tuition fees. These cover your course and chosen units.

For most students, these fees are paid upfront by the government through the HECS-HELP scheme. This is a loan that you'll start paying off once your taxable income from a job is above a certain amount.

Other fees

There's also a compulsory annual Student Services & Amenities Fee to cover the services we provide to students. In 2022, the fee was \$315 for full-time students.

Some courses or units also have incidental fees that are separate to your tuition fees. These include things like health screening, police and other clearances, field trip expenses, lab coats and ID badges.

→ For more information about fees, student loans and other financial assistance — ecu.edu.au/fees

Apply for a scholarship

Our scholarships are awarded to students from all kinds of backgrounds and for all kinds of reasons. It's not just the academically brilliant ones.

This includes people who've had a challenging life without the same opportunities as others.

A scholarship can help you realise your ambitions by paying for fees, textbooks and living expenses.

So don't overlook the possibility of receiving one. You can apply for a scholarship when you apply for an ECU course.

→ For more information — ecu.edu.au/scholarships/overview

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Key uni terms

Bachelor degree

A qualification that requires three or four years of full-time or equivalent part-time study.

Certificate

An award that requires a minimum of six months of full-time or equivalent part-time study.

Double degree program

Double degrees normally require four or five years of full-time or equivalent part-time concurrent study for two awards in a wide range of disciplines. Double degrees are available in selected areas only and incorporate study in two different fields, e.g. Bachelor of Science / Bachelor of Commerce.

Double major

Studies undertaken in two major unit sets under one degree. Some course structures specify double major requirements, other course structures allow for students to undertake a second major unit set of their choice.

Duration

The minimum amount of time required to complete a course. This is based on full-time study, unless the course is only available to be studied part-time.

Honours degree

Degree courses taken with Honours require advanced study of up to one year full-time following the first three years of a Bachelor course. Successful Honours graduates may be eligible to proceed to Stage 2 of Master degrees or directly to doctoral studies.

Major

A set of units within a course that focus on a specified discipline, e.g. a Bachelor of Arts with a major in Historical and Political Studies.

Minor

A smaller set of units (normally six), which focus on a specified discipline.

Online study

Study undertaken externally or online.

Practicum

A part of a course providing learning experiences outside the University in a relevant professional setting such as a school or hospital. During the professional placement, the student may either be an active participant or merely an observer.

A practicum may be undertaken as either part of a unit or as a complete unit within a course.

School

Title given to academic organisational units within the University.

Semester

The name given to the two standard teaching periods (Semester One and Semester Two) in the academic year, in which the majority of on-campus students are required to attend in order to complete their course.

Undergraduate student

A student pursuing a Diploma, Advanced Diploma, Associate Degree, Bachelor Degree or Honours.

Unit

Basic component of study normally comprising a weekly lecture and tutorial. A unit can be a foundation/core unit, major or minor unit, or elective unit.



See more key uni terms – ecu.edu.au/my-uni-start/glossary-uni-speak



Greening ECU

Edith Cowan University is committed to reducing the environmental impact associated with its operations by conducting its activities in a socially and environmentally responsible manner. This includes implementing strategies and technologies that minimise waste of resources and demonstrate environmentally sensitive development, innovation and continuous improvement.

DISCLAIMER


Every effort has been made to ensure that the information in this publication is correct at the time of production. The information is subject to change from time to time and the University requests the right to add, vary or discontinue courses and impose limitations on enrolment in any course. The publication constitutes an expression of interest and is not to be taken as a firm offer or understanding. This publication is intended for Australian citizens and permanent residents only. Some information contained in this publication may not be applicable to international students.

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