

2025 Undergraduate Guide to Careers and Courses



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.



Welcome to our undergraduate course guide

If you didn't know, an undergraduate is someone studying their first degree in a specific subject. Is that you?

This guide is a quick overview of our uni courses and what careers they can lead to.

Oh, and some reasons why you really should study with us!

If you already have an idea of what kind of job you'd like to do, check the table of contents and find the career area that could have the course for you.



Try our 5-minute Career Finder quiz

This quiz might surprise you with a suggested career direction and courses that take you there.

→ Take the quiz — ecu.edu.au/study/career-finder/quiz

Contents

Why study at ECU?	5
Where will you study?	6
What pathway can you take into ECU?	8
Life as a student	10
Travel overseas while you study	12
Careers and courses	14
Careers in Arts and Humanities	16
Careers in Business and Law	26
Careers in Education	32
Careers in Engineering	36
Careers in Healthcare	52
Careers in Nursing and Midwifery	60
Careers in Science	64
Careers in Performing Arts, Production, Design and Creative Management	70
How to apply	80
Apply for a scholarship	81
Edith Cowan is an Australian icon	82



At ECU, 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.

→ [Read more –
ecu.edu.au/about-ecu/indigenous-matters](https://ecu.edu.au/about-ecu/indigenous-matters)

Why study at ECU?

There are so many good reasons to choose ECU for study. Here are some of the better ones.



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, state-wide schools, hospitals and more.



Travel overseas as part of your studies

In lots of courses, 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 challenges.



Experience 5-star teaching

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



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

For many courses, you can choose major subjects and electives to tailor your studies 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, medical and 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 the world-renowned Western Australian Academy of Performing Arts with courses in acting, music, dance, production and design and more.

The campus is also home to students pursuing creative careers in Arts and Humanities, along with the next generation of aspiring teachers studying in our School of Education.

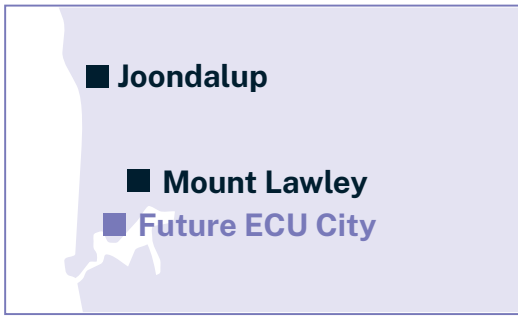


ECU South West Campus

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 science, nursing, social work and teacher education.

The campus features a café, 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, visit ecu.edu.au/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, visit ecuvillage.com.au

ECU City

ECU City is our exciting new campus in the centre of Perth CBD that's due to open for classes in 2026.

It's the future of university education — urban, connected, integrated with business and community — and part of the lifeblood of our thriving city.

And it will transform the city of Perth, delivering a world-class Creative Industries, Business and Technology precinct.



Programs you'll find there:

- Courses in dance, aboriginal performance, musical theatre, acting, music and production and design through the Western Australian Academy of Performing Arts.
- Creative industries programs such as broadcasting and digital journalism, visual arts, design and communications.
- WA Screen Academy programs in cinematography, film directing, documentary-making, production and screenwriting.
- Courses in business, commerce and law.
- Technology programs from the School of Science, with its leading teaching and research.
- Kurongkurl Katitjin, the university's Centre for Indigenous Australian Education and Research, alongside the University Pathway Program.

→ Discover more at — citycampus.ecu.edu.au

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 or meet English competency requirements.

University Preparation courses

This is a pathway we recommend to students who didn't get a great ATAR result or don't have an ATAR. UniPrep courses are free too.

UniPrep is either a full semester course or one of two intensive courses – UniPrep Accelerate for 4 weeks in January and UniPrep Summer for 9 weeks, from November to January.

→ Find out more – ecu.edu.au/uniprep

Experience Based Entry

This pathway allows both school leavers and other applicants to be considered for entry to an undergraduate course by assessing your ability to succeed in higher education. It's based on a portfolio of evidence you provide to us that includes your goals, ambitions and references.

→ Find out more – ecu.edu.au/experience

Creative Humanities 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.

→ Find out more – ecu.edu.au/chpe

VET Pathway

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.

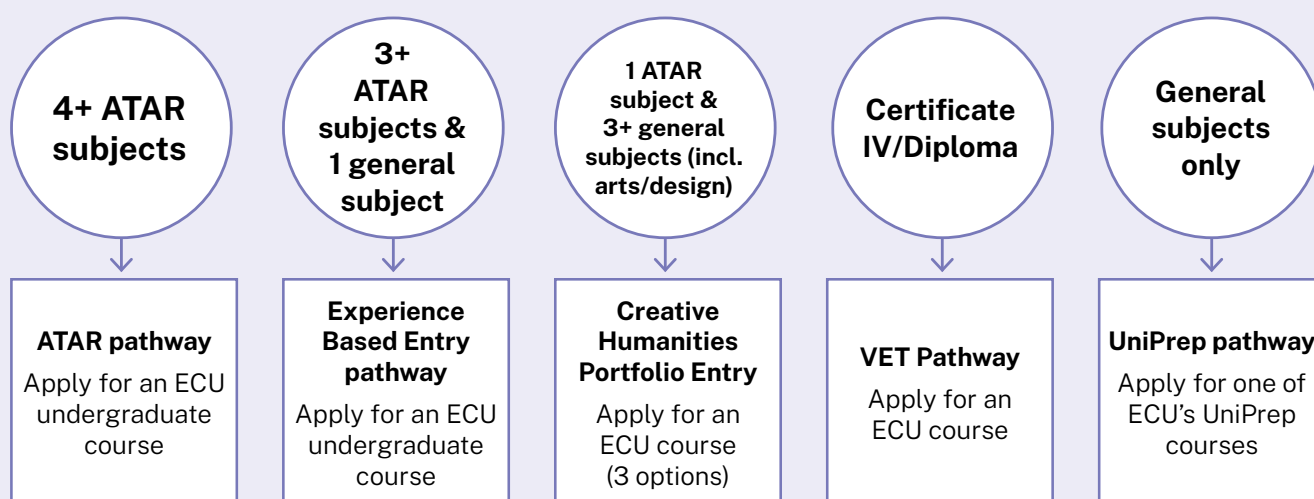
→ Find out more – ecu.edu.au/pathways



Pathways and applications for Year 12 students



What are you studying this year?



Notes

1. All Year 12 students applying for ECU courses need to apply via TISC, meet English competency requirements and achieve WACE.
2. Depending on your current school, you may qualify for an adjustment to your ATAR (higher). Ask us about this.
3. For WAAPA courses or for the Secondary Education course (Music Education specialisation), please apply direct to ECU.

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.

Our Access & Inclusion team will work with you to identify reasonable adjustments to your study and uni life.

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.

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 can even get a peer mentor in your first semester!

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 counselling service.





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.

Student health services

All ECU campuses have health centres with doctors (GPs), nurses and allied health services to assist you if you need them.

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.

Childcare for parents

If you're a student with children, our campuses provide professionally accredited Childcare Centres, and ECU Sports Centres offer short-term crèches.



Do you identify as an Aboriginal or Torres Strait Islander?

If that's your background and you'd like assistance with choosing a university entry pathway, please let us know.

Our team at the Centre for Indigenous Australian Education and Research, called Kurungkurl Katitjin, can also help you better understand and adapt to university life.

And we provide services on campus like:

- Nala Karla Student Rooms and facilities
- Tutorial Assistance
- Elder-in-Residence Program



Find out more — ecu.edu.au/indigenous



Travel overseas while you study

University study is way more than lectures, reading and assignments. As a student, you might 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's also an excellent opportunity for you to challenge yourself and broaden your horizons.

Student exchange

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

ECU has partnerships with 90 institutions in 35 countries around the world, so there's 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

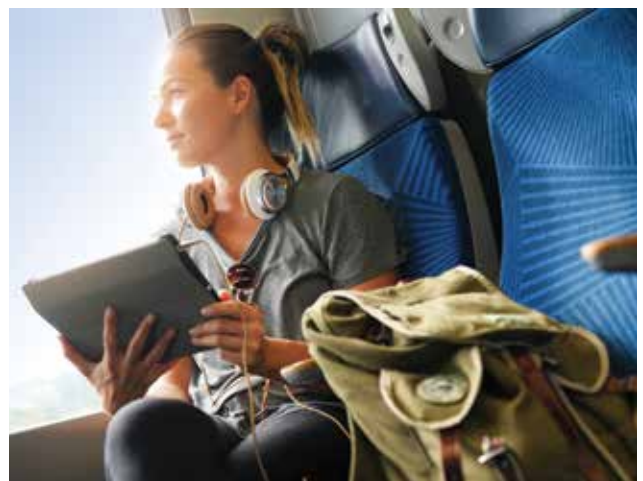
Study in the UK

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

This leads to you graduating with a unique dual degree in disciplines such as Biomedical Science, Cybercrime, Security and Intelligence, Environmental Science, Exercise and Sports Science, Media and Communication and Sport Business.

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.

→ [Read more —
ecu.edu.au/uni-portsmouth](https://ecu.edu.au/uni-portsmouth)



Careers and courses

At ECU, we know you're not just here for a great student experience. It's all about your future.

So, whether you know what kind of career or job you'd like to pursue, or you're still open to a direction, this part of our guide is your friend.

In the following pages, you'll find eight sections covering career types. Each one lists courses that can lead to many career opportunities.

If you like the sound of a course, follow the QR code to see the fine details.



Careers in Arts & Humanities

- Creative Humanities
- Psychology, Counselling & Criminology
- Social Science, Social Work & Youth Work

Page 16



Careers in Business & Law

- Business
- Law

Page 26



Careers in Education

- Early Childhood
- Primary
- Secondary

Page 32



Careers in Engineering

- Aviation
- Engineering
- Motorsports

Page 36



Careers in Healthcare

- Biomedical Science
- Exercise & Sports Science
- Health Science
- Medical Sonography
- Occupational Therapy
- Paramedicine
- Speech Pathology

Page 52



Careers in Nursing & Midwifery

- Nursing
- Midwifery

Page 60



Careers in Science

- Counter Terrorism Security & Intelligence
- Cyber Security
- IT, Computing & Security
- Science

Page 64



Careers in Performing Arts, Production, Design & Creative Management

- Performing Arts
- Production, Design & Creative Management

Page 70

Careers in Arts & Humanities

ECU courses that lead to careers in creative humanities, criminology, human services, psychology and counselling, social work and more.



What's your future career?

- | | | |
|---------------------------|---------------|----------------------------------|
| Broadcaster | Criminologist | Social Media Guru |
| Community Worker | Designer | Social Worker |
| Counsellor | Filmmaker | Strategic Communications Manager |
| Creative Content Producer | Journalist | Visual Artist |
| Creative Writer | Psychologist | Youth Worker |

Creative humanities courses

Do you have a story to tell? How will you communicate it? Our brand new creative humanities courses are for creative and curious people who aspire to be the artists, broadcasters, communicators, designers, film makers, journalists, media producers and writers of the future.

Our courses give you the time and space to develop specialist skills in your chosen field, and know the inner workings of your industry and how to make a personally fulfilling career.

Love to be creative but don't have an ATAR?

Our Creative Humanities Portfolio Entry allows you to be considered for entry to specific undergraduate courses based on a digital portfolio of your work.

→ Find out more — ecu.edu.au/chpe

New

Bachelor of Communication

Indicative ATAR: 70

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

Availability: JO ML SW OL

Full-time		■		■
Part-time		■		■

This course will prepare you for an ever-changing communication sector. In a crowded media landscape, your challenge is to help organisations build credibility, trust and awareness of their brand with their target audiences.

You'll develop the knowledge and skills for a diverse range of communication fields, including advertising, public relations, digital communication, public affairs and community relations/engagement.

You'll also gain an awareness of strategic communication theories and practices, with a focus on designing advertising and public relations campaigns. And you'll explore contemporary communication planning and practices with an emphasis on ethics, environmental issues, diversity and digital communication.

In your final 'capstone' unit, you'll engage in a comprehensive, hands-on creative agency experience producing portfolios of industry standard work for real clients.

Career Opportunities

The employment outlook for roles as a communication professional, including in advertising and public relations is growing fast.

Throughout this course you'll develop strategic communication skills and practice and learn about roles in fields related to advertising and public relations, such as Advertising Creative, Communication Officer, Media Advisor and Creative Content Producer.

→ See more course information — ecu.edu.au/courses/F35



“I was able to make tangible connections between what we were learning, and the career in which I'd use that knowledge.”

Hania Owsinski
ECU Communication graduate

New

Bachelor of Creative Writing

Indicative ATAR: 70

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

What makes a piece of writing attractive to both publishers and readers? If you study this course, designed for lovers of writing and reading, you'll find out.

Here, you'll develop your awareness of and attention to voice, empathy, purpose, and influence, while being introduced to the techniques of writing for a variety of forms, including fiction, poetry, non-fiction and dramatic scripts.

You'll also explore contemporary approaches and the commercial realities of creative writing and publishing with an emphasis on popular forms and genres, ethics, and environmental issues.

Career Opportunities

Writing is a profession. And writing skills are required beyond the conventional publishing industry. It's why this course covers a wide range of fields that require knowledge and skills applicable to creative writing – some you may never have thought of!

So, you can translate your creative writing skills into fields like writing web content, marketing, advertising and internal company communications.

And as a high proportion of authors freelance or are self-employed, the course will introduce you to the entrepreneurial skills needed to promote your work and earn income from creative writing.

→ See more course information — ecu.edu.au/courses/F92



New

Bachelor of Design

Indicative ATAR: 70

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

The design industry is undergoing a dynamic transformation, with jobs in cutting-edge fields like Service Design, Human-Centred Design, and Experience (UX) Design rapidly replacing traditional positions in Graphic, Spatial, or Digital Design.

If you're a designer, this is precisely where you want to be. This shift not only represents the future of design, but also opens the door to exciting and in-demand career opportunities.

You'll learn to create products, systems, services or environments that are functional and user-friendly, collaborating with other professionals such as engineers, marketers, and project managers to bring your designs to life. And when you graduate, you'll also have a portfolio of real client work to launch your design career.

Career Opportunities

With this degree, you'll find employment in emerging areas like Service Design, Graphic Design, Spatial Design, Healthcare Design, Strategic Design, User Experience (UX) Design, Digital Design or Game Design.

Examples might include designing apps for education and training, working with architectural design companies to create visualisations, and planning and managing public spaces, as well as working with information industries such as libraries, archives and museums.

→ See more course information — ecu.edu.au/courses/P79



New

Bachelor of Journalism and Broadcast Media

Indicative ATAR: 70

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

Journalism is a vital component of a strong democracy and a powerful tool for social change. And broadcasting is the best way to tell that story -online, on radio, or TV, and through socials.

In this course you'll develop the skills to go beyond traditional reporting practices and using all media platforms to explore issues related to social justice, climate change, diversity, and inclusivity.

The course focuses on teaching news, entertainment and sport reporting and presenting. You'll also learn how to monetise your content to work as a freelancer.

Career Opportunities

The course will develop your skills and knowledge to successfully work as a print, radio or television journalist and broadcaster, a social media influencer or consultant, media presenter, producer, content creator, film/food/music reviewer, blogger and much more.

→ See more course information — ecu.edu.au/courses/H31



New

Bachelor of Screen Production

Indicative ATAR: 70

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

Nurture your passion, amplify your voice, and empower yourself to leave an indelible mark on the world. Welcome to the transformative power of screen storytelling!

This course encourages you to become a catalyst for positive change by bringing critical issues to the forefront, challenging societal norms, and highlighting diverse perspectives that might otherwise go unheard.

You'll engage in collaborative projects with fellow students to tackle industry ventures, while further honing your scriptwriting, visual storytelling, and creative problem-solving skills. In your final year, you'll have the opportunity to collaborate with clients.

Career Opportunities

As a graduate you can pursue diverse and fulfilling careers across the creative industries. The screen production industry offers a range of creative, technical, managerial, and administrative roles.

The skills and knowledge you build during the course will open doors to a wide range of roles in areas such as corporate and independent filmmaking, media production, journalism and broadcasting, marketing and public relations, business development, education, and festival and arts administration.

The screen production sector also provides ample opportunities for you to apply your expertise and contribute to creating engaging and arresting content.

→ See more course information — ecu.edu.au/courses/D53



“I got so much experience and real-world advice from lecturers and tutors who are professionals in the industry.”

Jerrie Demasi
ECU Broadcasting graduate

New

Bachelor of Visual Arts

Indicative ATAR: 70

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

Art is critical to the way we tell the stories that shape society.

This course will develop your ability to use the tools and techniques of visual art, from drawing to printmaking to digital art. You will use these skills to make work that addresses matters of social importance and helps to influence the ways audiences think about issues of local and global significance.

You'll also have the opportunity to make art in the heart of Perth's cultural centre.

As a graduate, you'll discover employment opportunities within the vibrant cultural sector, both nationally and internationally – as artists, curators, designers, exhibition and installation team members, creative directors and writers.

Career Opportunities

As a graduate, you'll work within the vibrant cultural sector, both nationally and internationally, as an artist, curator, designer, exhibition and installation team member, creative director, arts administrator or even as an arts writer.

→ See more course information — ecu.edu.au/courses/F23



Bachelor of Global Media and Communication

Indicative ATAR: 70

Duration:	3.5 years full-time or part-time equivalent			
Availability:	JO	ML	SW	OL
Full-time		■		
Part-time		■		

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.

While studying this course you will be able to choose a mix of subjects across screen production, journalism, broadcast media, advertising and PR that will supercharge your global career opportunities.

Career Opportunities

Global media and communications leads to many career outcomes in the creative industries aided by your international outlook. Combine practical career-defining study with the experience of studying overseas.

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



Psychology, counselling and criminology courses

To work as a professional in psychology, counselling or criminology you need an enquiring mind, and the ability to think critically. You also need to care. In these courses, you'll learn about people's experiences, their feelings, behaviours, and interactions and how they make decisions and take specific actions.

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

Bachelor of Counselling

Indicative ATAR: 70

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

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

Ah, humans. Complex beings, just waiting for you to better understand them. In this mind-opening course, you'll learn about human development – from children to adolescents, to adulthood, and finally the experience of older age, illness and death. And we promise you'll learn a lot about yourself along the way.

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 should you pursue postgraduate studies in counselling and psychotherapy.

There's also a lot of flexibility in the course that allows you to tailor your study to areas of interest by choosing from a wide range of majors, minors and electives.

Career Opportunities

This course prepares you for a range of entry-level human services positions requiring counselling in both family and community services and in youth work. Your career options will vary depending on what subjects you choose to major in, as well as the electives you do. Entry level positions are also available in youth welfare services, including homeless support services, youth health, youth advice, advocacy and support programs. Employers of youth work graduates include Local, State and Federal Government, national charities and local community organisations.

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





Bachelor of Psychology

Indicative ATAR: 70

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

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

Do you have a humanities or science background? This course is your bridge to employment opportunities in many different fields, including mental health, human resources, or child and family services. You'll learn how to analyse and research behaviour and be able to explain interactions between people and their environment. It's your new superpower.

Note: When you graduate, you'll have a pathway to Honours and postgraduate studies, leading to registration as a psychologist.

Career 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. 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.

This course will also prepare you for further postgraduate studies in psychology.

→ 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	■			■

If you have an interest in the science of psychology and in counselling, this course will introduce you to the professional art of counselling with the added bonus of preparing you for advanced psychology training. You'll acquire skills to analyse and research behaviour and to be able to explain interactions between people and their environment. The course is also a great springboard to postgraduate studies in psychology and counselling.

Career Opportunities

Employment opportunities include counselling, human resources management, criminal justice, education, rehabilitation, business, mental health, and the administration and provision of social services. That means jobs or roles that involve 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.

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





“My capstone project was a great experience that allowed me to hone in on my research and teamwork skills. I appreciated being supervised by an industry professional.”

Ola Zumis
ECU Criminology
and Justice graduate



→ Read more about Ola's
Criminology Capstone

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	■			■

If you're interested in the human mind, especially the kind that turns to crime, this might be your course. It's more focused on psychology than our Bachelor of Criminology and Justice and will suit you best if you're thinking of further study in psychology or criminology or if you're thinking about employment within the criminal justice system. Are you ready?

Career 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. Essentially, 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.

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



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 fascinates a lot of us. It's why there are so many TV shows and films that feature criminals. In this course, you'll learn why people commit crime, how society should respond to crime and how we can prevent or minimise the harm from criminal behaviour. 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.

Career Opportunities

The course will give you a professional boost, increasing your understanding of contemporary theory and research that informs criminology and justice professions. You'll also develop the skills required for employment in criminology and justice, including Indigenous cultural responsiveness. Your future job title could be Police Officer, Community Corrections Officer, Parole Officer, Youth Justice Officer, Prison Officer, Research & Policy Officer, Family/Juvenile Counsellor, Family Law Case Worker, Customs Officer or Security Officer.

→ See more course information — ecu.edu.au/courses/G81



Social science, social work and youth work courses

In these courses you'll tackle the many challenges in society's overall well-being, including those impacting the most vulnerable populations. You'll become a social change maker, working with individuals, communities, and care-focused organisations to create positive outcomes.

Many of the courses in this area can be studied online, allowing you to balance work and/or family responsibilities with being a student.

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	■			■

Do you have a deep understanding of others, strong ability to connect with vulnerable people and are passionate about supporting people and communities to enhance their wellbeing? This accredited degree will give you the community and human services skills, knowledge and capacity to make a difference in the lives of individuals and diverse communities. Through a social science and human rights lens, you'll study how communities work, develop and change over time. You'll explore concepts of social change, gender equality, cultural diversity, sustainability, child development, and policy development.

You will have opportunities to develop your networks, meet industry professionals and apply your knowledge through 400 hours of field placement to become work ready upon graduation. It's your time to shine.

Career Opportunities

This course prepares you for working with people and communities, and being able to specialise in community work, community development and family support. Your job title could be Community Worker, Community Development Officer, Policy Officer, Family Support Officer, Parent Education Coordinator or Project Officer.

→ See more course information — 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 champion eco-social justice, equality and human rights. We stand alongside individuals and communities to improve society's overall wellbeing, especially for the most vulnerable populations.

In this accredited course you'll develop professional and relational skills for a career that can take you in many directions, including working in mental health, community development, child protection or social research. Are you ready to stand for something and create real change?

Career Opportunities

As we said above, there are many areas you can seek employment in with this qualification. Possible future job titles could be Community Activist, 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, or Counsellor.

→ See more course information — 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	■			■

Youth workers provide guidance, support, and resources to assist young people aged 12-26 to navigate the challenges they face, while fostering personal growth and empowerment. In this course you will learn interpersonal and helping skills, inclusive practice and how to create social change with and for young people.

You'll study specialist youth work units and choose from complementary areas that will support your career as a Youth Worker such as psychology, human services, community development, counselling, and criminology.

Career Opportunities

This course will prepare you for a range of positions in youth work. This might be in youth welfare services including homeless support services, youth health, youth advocacy and support programs, in youth centres, the education sector or with local government.

This course can lead to careers in youth addiction, youth justice, child protection or youth mental health services. Or you may wish to pursue a career with a special focus on recreation, sport, adventure programs, youth arts, youth counselling, addiction services, youth mental health services, or youth justice.

→ See more course information — ecu.edu.au/courses/C57



ECU Youth Work graduates and students have found their placements at Youth Futures has influenced their varying career directions.



Find out more about where Youth Work can take you



Careers in Business & Law

ECU courses that lead to careers
in business or the legal profession.



What's your future career?

Accountant
Business Analyst
Business Consultant
Business Development
Manager

Entrepreneur
Event Manager
Financial Planner
HR Practitioner
Lawyer

Marketing Manager
Project Manager
PR Consultant
Resort Manager
Sport Business Manager

Business courses

Successful businesses can be started with one simple idea. Challenging existing business models and disrupting traditional markets requires a certain mindset. We encourage and develop that kind of thinking in our business and law courses. Because finding new ways of doing things can really take you places.

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, 2024).



Bachelor of Commerce

Indicative ATAR: 70

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

Availability: JO ML SW OL

Full-time ■ * ■

Part-time ■ * ■

* If you're studying Commerce at ECU South West you'll complete some common units and electives on campus but will need to complete the remaining units online or at Joondalup Campus.

Our Bachelor of Commerce will equip you with the business knowledge and skills to set you up for career success. This includes critical skills in the areas of leadership, teamwork, critical thinking, communication, sustainability, ethics, and problem-solving.

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 real organisations through Work Integrated Learning, including internship opportunities.

With a Bachelor of Commerce, you can tailor your study to your interests by choosing one or two majors that are developed in consultation with industry. Create your own mix of majors, minors, and electives, then choose your study modes from a mix of on-campus, online, and on-the-job activities.

Majors you can study in this course

Accounting, Accounting & Finance, Entrepreneurship, Event Management, Finance, Health Management, Human Resource Management, International Business, International Hotel & Resort Management, Law in Business, Management, Marketing, Marketing for the Creative Arts, Project Management, Sport Business and Tourism & Hospitality Management.

Career Opportunities

The Bachelor of Commerce will prepare you for a diverse range of business-related careers. The key is in choosing one or two of our 16 majors on offer in an area you're interested in.



See more course information — ecu.edu.au/courses/W23



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 gives you everything you'll need to kick off a career in the globalised sport industry, including the growth area of event management.

You'll learn about 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.

You'll also undertake a range of work placements and project work with industry organisations, such as the West Coast Eagles, Perth Heat and Western Force.

Career Opportunities

The wide scope of topics in this course will help you get a picture of your future career. Opportunities exist in a range of professional, commercial, not-for-profit and government sport, recreation and event organisations at local, state, national and international levels. Your future job title might be as a Sport Development Manager, Sport Communications Manager, Sport Marketing and Sponsorship Manager, Player Manager and many others.

→ See more course information — ecu.edu.au/courses/Y53



International Dual Degree

Bachelor of Global Sport Business Management (International)

Indicative ATAR: 70

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

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

Years 1 and 2 on-campus at ECU. Year 3 on-campus at UoP. Year 4 on-campus at ECU.

This International Dual Degree provides you with an opportunity to gain valuable international experience while receiving two degrees - a Bachelor of Global Sport Business Management (International) from ECU and a BSc (Hons) Global Sport Management from the University of Portsmouth in the UK.

In this course, you'll learn how the global business of sport works and how you can be part of it, including the exciting field of event management.

Alongside the many topics included in this dual degree, you'll learn about sport entrepreneurship, the economics and finance of sport, event operations management, sales and marketing in global sport business and sport law.

You'll also have the opportunity to undertake a range of placements and project work with international partners.

Career Opportunities

There are many career opportunities in professional, commercial, not-for-profit and government sport, recreation and event organisations in Australia and across the world. Roles may involve management of clubs, associations and federations, events, facilities, sport and entertainment venues, player and athlete development, sales, communications and marketing and more. Your year of study at the University of Portsmouth will also provide opportunities to build networks in the UK and Europe.

→ 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 world’s fastest growing and in demand industries.

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 data analytics. You can also specialise by choosing a major in marketing, human resource management, international business or events management.

This course will introduce you to industry standard technology and will give you an international and cultural perspective about the industry. Ready to graduate with the essential skills to succeed in middle and senior levels in hospitality and tourism management?

Career Opportunities

You’ll have 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 cafes and bars. You could be involved in the operations and management of accommodation provision servicing, including food and beverage services, entertainment, conferences, tourism operations, visitor services, sales and marketing, and much more.

→ See more course information — ecu.edu.au/courses/K93



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 course is unique to ECU. It blends three different but related disciplines -marketing, advertising and public relations -to give you 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 industry contacts, using the latest software to 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.

Career Opportunities

This combination of disciplines in one course will equip you with a competitive career advantage across many industries. You can also focus on areas of interest through your elective units. Will you be a Marketing Manager, Digital Marketing Manager, Brand Manager, Product Manager, Business Development Manager, Market Researcher, Media Planner, Advertising and Promotions Manager, or a Copywriter?

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



Hospitality & Tourism Management Ranked #26 in the world

ECU is ranked #26 in the world in the ShanghaiRanking’s 2023 global rankings for Hospitality & Tourism Management.



Law courses

Good lawyers think on their feet. At ECU, we'll equip you with critical thinking skills for the courtroom and beyond, preparing you for a rewarding career in the legal, corporate, commercial and social justice fields. Ready to raise the bar?

WA's top university for skills development and student support in undergraduate Law and Paralegal Studies (QILT, 2022).



Some things you should know about studying Law at ECU:

- We have WA's only online law degree that's professionally accredited by the Legal Practice Board of Western Australia.
- As a student, you'll be able to practise your courtroom skills in our purpose-built high-tech Moot Court.
- You'll also get work experience opportunities at our Tax Clinic and Northern Suburbs Legal Centre – both conveniently located at Joondalup Campus.



“My degree has helped me prepare for my career by instilling creativity and giving me the skills to be able to practically apply law in what I do. The lecturers offered strong guidance, and I couldn't thank them more.”

Kerri Evangelista
ECU Law graduate

Bachelor of Laws

Indicative ATAR: 85

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

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

If you want to study law and this is your first degree, you've come to the right place. This fully accredited law degree can be studied on-campus or online, depending on your current commitments.

The course equips you with skills for the courtroom and beyond, providing you with options for a rewarding career that could be in the law, but might also extend to legal, the corporate, commercial and social justice fields.

Our law program goes beyond the classroom. Here, you'll have the chance to put theory into practise by working on real life cases in our Law Access Program, competing in mooted competitions around the world, and by being involved in the Law Society Peer Mentoring Program.

You can also tailor the course to an area of interest by selecting one of several elective units.

Career Opportunities

With an ECU Law degree, there are career opportunities in private practice, in-house corporate practice and in-house government roles. Your excellent written and verbal communication skills, and your analytical thinking ability could also open doors in corporate planning, government policy, politics, journalism, creative writing and many other careers.

Professional Recognition and Registration

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

Registration with the LPBWA is required to practice in the profession after you graduate.

→ 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	■			■

If you have a bachelor's degree in another field and are interested in studying law, this is your course.

This fully accredited law degree can be studied on-campus or online in three years of full-time study or part-time equivalent.

The course equips you with the skills for a rewarding career in the legal, corporate, commercial or social justice fields.

During the course you'll have the chance to put theory into practice by competing in mooted competitions nationally and internationally, and being involved in the Law Society Peer Mentoring Program.

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

Career Opportunities

With an ECU Law degree, there are career opportunities in private practice, in-house corporate practice and in-house government roles. Your excellent written and verbal communication skills, and your analytical thinking ability could also open doors in corporate planning, government policy, politics, journalism, creative writing and many other careers.

Professional Recognition and Registration

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

Registration with the LPBWA is required to practice in the profession after you graduate.

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



Careers in Education

ECU courses that lead to teaching careers in Early Childhood, Primary or Secondary Education.



What's your future career?

Art Teacher
Design & Technology Teacher
Drama Teacher
Early Learning Professional

Economics Teacher
English Teacher
High School Teacher
Junior Primary Teacher

Kindergarten Teacher
Pre-Primary Teacher
Primary School Teacher

Teacher Education courses

Teachers help to develop and shape young minds. We develop and shape those teachers at ECU. Because making a positive difference in the lives of children requires some creative thinking. Like finding new ways to engage their already active minds. Think this is a career for you?

Top 300 university in the world for Education studies (THE Subject Rankings, 2024).



Giving you an early taste

We believe the sooner you start working in the field you've chosen, the better prepared you'll be when you graduate – even if you decide that field isn't for you!

Professional Experience is a vital component of becoming a teacher at ECU. It involves an extensive practical program in a range of schools and centres, where you'll put theory into practice for several weeks each year of your course.

Under the guidance of your Mentor Teacher and University Supervisor, you'll develop the knowledge and skills of a beginning teacher in real teaching environments.

Get a broad experience while you study

Partnerships between ECU and over 1,500 schools and early learning centres allows you 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.



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	■		✱	■

✱ Study at ECU South West is a combination of on campus and online.

Does the idea of caring for and educating children from birth to 8 years of age, including developing early childhood educational programs, sound appealing? This course will prepare you to teach young children (0-8 years) in early learning and school settings.

You'll also have a chance to specialise in one of these areas of interest in your final year:

- Arts
- Catholic Studies
- Leading for Engagement in Early Childhood
- Special Education

Professional Recognition

Australian Children's Education & Care Quality Authority (ACECQA) has accredited this course. Teacher Registration Board of Western Australia (TRBWA) has accredited this course.

➔ 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	■	■	✱	■

✱ Study at ECU South West is a combination of on campus and online.

Thinking about being a Primary School Teacher? This popular course will put you in a classroom before you know it. In fact, it happens in your first semester! Expect loads of practical experience during the course and you can choose to specialise in one of these learning areas of interest in your final year:

- Arts
- Catholic Studies
- English
- Health and Physical Education
- Humanities and Social Sciences
- Languages
- Mathematics
- Music
- Science
- Special Education

Professional Recognition

Teacher Registration Board of Western Australia (TRBWA) has accredited this course.

➔ 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	■	■		

Secondary teachers are in high demand across Western Australia. This could be your time to shine. Especially if you're passionate about a specific subject and are keen to work with high school students. In this course, you'll have many opportunities to learn through professional experience in real schools, both private and public.

You can also choose from a wide range of majors in this course:

- 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

Professional Recognition

Teacher Registration Board of Western Australia (TRBWA) has accredited this course.

➔ See more course information — ecu.edu.au/courses/Y68



“Because of my time at ECU, I feel much more confident going into a classroom. And I’ve built a wonderful support network through the lecturers and mentor teachers I’ve met along the way.”

James O'Neil
ECU Secondary Education graduate

Careers in Engineering

ECU courses that lead to careers in the engineering profession, the aviation and motorsports industries and more.



What's your future career?

Aeronautical Engineer
Application Engineer
Aviation Operations Controller
Chemical Engineer
Civil Engineer
Communications Engineer
Computer Engineer

Electrical Engineer
Energy Engineer
Environmental Engineer
Instrumentation Engineer
Maritime Engineer
Mechanical Engineer
Mechatronics Engineer

Petroleum Engineer
Pilot
Renewable Energy Engineer
Robotics Engineer
Structural Engineer

Engineering courses

Engineering is one of those professions that can take you all around the world. And there's an incredible variety of specialisations you can choose from, depending on what interests you personally.

The other piece of good news is that there's a skills shortage of experienced engineers in Australia. With lots of public infrastructure projects happening across different states and the global transition to clean energy in its many forms, there are many opportunities for creative thinkers in this field.

ECU's professional engineering courses are recognised under the 'Washington Accord', an international agreement between professional engineering bodies who accredit engineering degree programs. This means your degree will be recognised globally.

Giving you an early taste

We believe the sooner you start working in the field you've chosen, the better prepared you'll be when you graduate – even if you decide that field isn't for you!

So as an engineering student you'll have a work experience placement of up to 12 weeks in the engineering industry to test your practical skills and what you've learned in classes. This is normally undertaken during a vacation period, or even as part of some earlier eligible work experience you may have had.

Our students find placements in a broad range of small to large organisations such as Main Roads WA, Synergy, Fortescue and Water Corporation WA.

You'll also have loads of hands-on experience in our state-of-the-art laboratories during your studies. So when you graduate, you'll be familiar with industry-grade equipment and the latest technology.

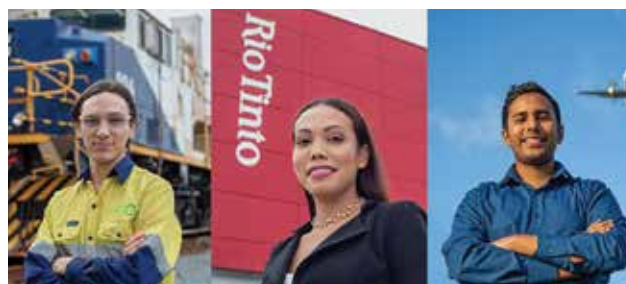


Why staying curious is great advice for any career

The ability to persist through setbacks, adapt strategies and analyse problems from various angles has proven invaluable to Akshat in his engineering career.

Akshat Sharma
ECU Computer Systems Engineering graduate and Application Engineer

→ Scan QR to read more



How three young engineers built their careers

Different backgrounds, different courses, but the same industry-applied learning, world-class facilities and dedicated support to help them build a foundation for the future.

→ Scan QR to read more



Bachelor of Engineering (Chemical) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Chemistry plus either Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Chemistry, Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

The chemical engineering discipline is mostly about understanding 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.

As a Chemical Engineer, you'll work in a range of industries, from mineral processing, mining, and oil and gas, to clothing, food, packaging, fertilisers, pharmaceuticals and many other manufacturing and biological processes. In this course, you'll gain strong analytical skills and the ability to lead complex projects, along with many other transferable skills.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

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

→ See more course information — ecu.edu.au/courses/Y50



Bachelor of Engineering (Civil) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Civil engineers design, construct and maintain the human-made environment, including buildings, roads, bridges, tunnels, dams and other large physical structures.

In this course you'll learn skills in core civil engineering subjects, including surveying, soil mechanics, engineering geology, structural analysis and design, hydrology, and transportation engineering, as well as construction technology and site management.

You'll also gain strong analytical skills and the ability to lead complex projects, along with many other transferable skills.

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

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



Bachelor of Engineering (Civil and Environmental) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

This course includes studies in civil engineering with a secondary focus on managing environmental challenges and finding long-term sustainable engineering design solutions.

Engineering projects 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.

So you'll undertake advanced studies in environmental risk assessment and management, water and wastewater treatment, water distribution systems and wastewater collection systems, waste disposal and management, and air-borne pollution control.

The course also includes strong elements of practical problem-solving, teamwork and project development and gives you the ability to lead complex projects.

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

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



Bachelor of Engineering (Computer Systems) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

In computer systems engineering you need to have an in-depth knowledge of digital and analogue electronic systems plus a detailed understanding of computer architecture, software design and hardware-software interfacing.

In this course you'll learn everything about 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.

As a graduate you'll have multiple technical and transferable skills, including strong analytical skills, and be able to lead complex projects.

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

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





Bachelor of Engineering (Electrical Power) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and Chemistry or Engineering Studies or Mathematics Specialist or Physics

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Electrical power engineering is all about electrical power generation, transmission and distribution.

In this course you'll learn the core electrical and electronic 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.

You'll also develop your practical problem solving, teamwork, project development and analytical skills, and be able to lead all kinds of complex projects.

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



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



Bachelor of Engineering (Electrical and Renewable Energy) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Electrical and renewable energy engineering is a specialisation within electrical engineering relating to the generation of electrical power from a wide range of sources, with a focus on renewable energy, such as solar, wind, hydro, biomass and geothermal.

In this course you'll develop strong competencies in the fundamentals of electrical engineering with an emphasis on the utilisation, generation, management and design of renewable energy resources and systems and their integration into hybrid energy supply and distribution networks.

You'll also develop your practical problem solving, teamwork, project development and analytical skills, and be able to lead all kinds of complex projects.

Professional Recognition

Engineers Australia has 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

➔ [See more course information —
ecu.edu.au/courses/W21](http://ecu.edu.au/courses/W21)



Bachelor of Engineering (Electronics and Communications) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

This course combines the fundamental engineering disciplines of electronic and communication systems. So you'll develop 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. It covers fundamental engineering sciences, as well as electronic circuits and systems, digital signal processing, radio communications, fibre optic and microwave communications, computer networking, and cellular and wireless networks.

You'll also develop your practical problem solving, teamwork, project development and analytical skills, and be able to lead all kinds of complex projects.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

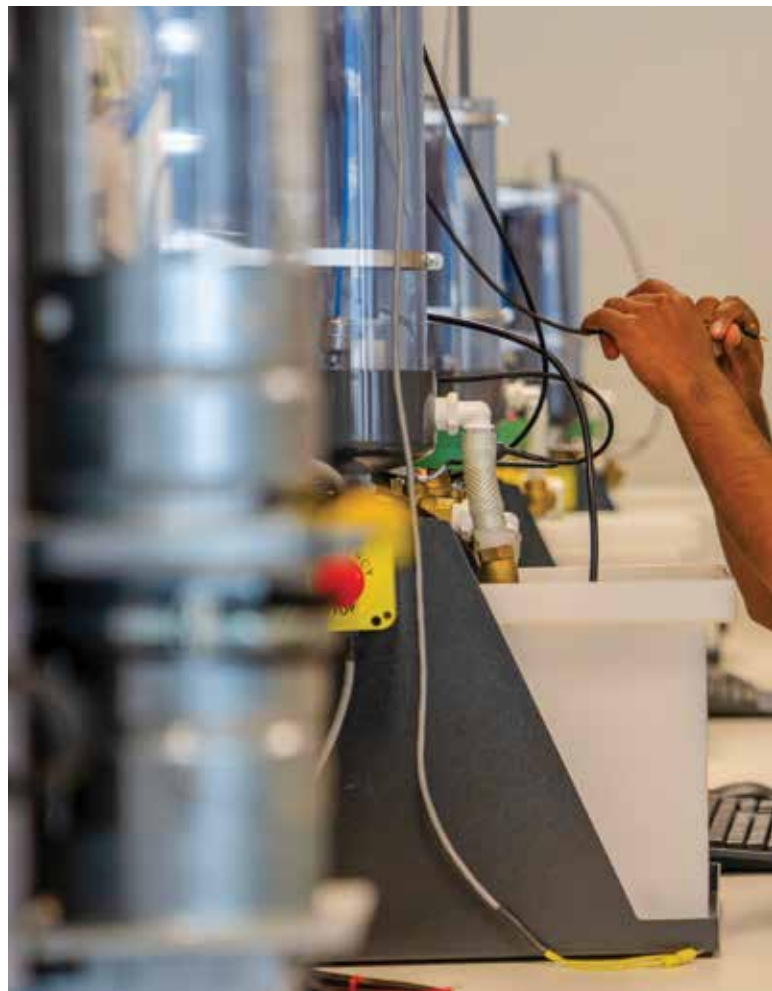
Employment opportunities exist in most sectors of industry, including communication and telecommunication, product development, fabrication, public utilities, mining and resources, defence, aerospace, and consulting.

Careers

Electronics Engineer, Communications Engineer

➔ [See more course information —
ecu.edu.au/courses/Y51](http://ecu.edu.au/courses/Y51)





New

Bachelor of Engineering (Energy) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

To tackle global climate change, our energy sources are changing. And, as we transition away from fossil fuels to cleaner, more sustainable energy, there is a growing demand for skilled engineers who can facilitate these changes.

The course equips you with the fundamental knowledge required for an energy transition from fossil fuels to renewable energy as well storage and CO₂ sequestration of large-scale subsurface gas, such as natural gas and hydrogen.

You'll also develop knowledge and skills for professional engineering practice, as well as a strong focus on practical problem solving, teamwork and project leadership.

Employment Opportunities

The energy industry is in the transitional phase moving away from fossil fuels towards wider adoption of cleaner and more sustainable energy sources. Therefore, there will be a rising demand for new graduates to have the relevant skills to enable this transition. This provides opportunities for students to secure work placements thus leading to graduate positions in the energy industry.

Careers

Energy Engineer, Energy Resources Engineer, Sustainable Energy Engineer, Energy Systems Engineer



See more course information — ecu.edu.au/courses/V32





“ECU enabled me to develop a resilient set of technical skills that I have carried through my career.”

Sheetal Chooramun
ECU Instrumentation Control and Automation graduate and Superintendent at Rio Tinto

Bachelor of Engineering (Instrumentation Control and Automation) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Instrumentation control and automation engineering is the integration of electrical, electronic and computing engineering with control engineering.

It includes the development of intelligent systems to automate monitoring, processing and production in different engineering industries. The course gives you a strong background to enter a range of career pathways in the mining and mineral processing, oil and gas, and agriculture industries, key to the economy of Western Australia.

When you graduate from the course, you'll not only understand electrical and electronic engineering, but you'll also have specialist skills in design, development and management of advanced control and automation systems and the ability to participate in and lead, complex multidisciplinary projects.

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



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



Bachelor of Maritime Engineering (Specialisation) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Years 1 & 2 Joondalup
Years 3 & 4 Australian Maritime College,
Launceston

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

This specialist engineering course is offered in collaboration with the Australian Maritime College at the University of Tasmania in Launceston, Tasmania and is an ideal entry into a career in the maritime industry.

You'll focus on one of three maritime industry specialisations:

- Naval Architecture
- Ocean Engineering
- Marine and Offshore Engineering

Naval architects design and oversee the construction and repair of marine craft and offshore structures. Ocean engineers design offshore structures such as oil and gas platforms or subsea pipelines, as well as ports and harbour facilities and the submersible vehicles required to service them. And 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.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

Graduates of this course will have the capability to work in many areas in the maritime industry.

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

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Mechanical engineering is a popular choice among our students. It's all about the design, manufacture and maintenance of mechanical components and moving systems.

If you take this course, you also have the option to study a specialist stream in motorsports, focussing on automotive design and motorsports engineering.

You'll also develop your practical problem solving, teamwork, project development and analytical skills, and be able to lead all kinds of complex projects.

Professional Recognition

Engineers Australia has accredited this course.

Employment Opportunities

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, Production Engineer, Maintenance Engineer, Automotive Engineer

➔ [See more course information —
ecu.edu.au/courses/Y45](https://ecu.edu.au/courses/Y45)



“ECU’s world-class engineering labs and industry experience prepared me for designing a green energy future.”

Harley Olsthoorn
ECU Mechanical Engineering graduate
and Lead Project Engineer at Fortescue
Future Industries

Bachelor of Engineering (Mechatronics) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Mechatronics engineering is a multidisciplinary program, where mechanical and electrical/electronic engineering is combined to develop intelligent machines and advanced manufacturing and processing systems.

This course is specifically tailored to Australia's resource-based and service industries and covers the themes of automation, instrumentation, digital electronics, manufacturing, mechanical design, fluid mechanics and control systems.

You'll study engineering mechanics, computer-aided design and manufacturing, analogue and digital electronics, signal analysis, electromechanical systems, industrial control, and robotics.

You'll also develop your practical problem solving, teamwork, project development and analytical skills, and be able to lead all kinds of complex projects.

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

→ [See more course information —
ecu.edu.au/courses/Y44](https://ecu.edu.au/courses/Y44)



“There is no better time to choose mechatronics as a career pathway; it’s at the forefront of engineering innovation and future job creation.”

Ryan Bradley
ECU Mechatronics Engineering graduate

Bachelor of Engineering (Petroleum Engineering) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

Petroleum engineers work in a range of industries, often related to the exploration, mining, production, delivery and downstream processing of fossil fuels.

This course will provide you with 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.

You'll also develop your practical problem solving, teamwork, project development and analytical skills, and be able to lead all kinds of complex projects.

Professional Recognition

Engineers Australia has 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

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



New

Bachelor of Engineering (Robotics and Autonomous Systems) Honours

Indicative ATAR: 80

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

As a graduate of this course, you'll be conversant in the fundamental physical sciences, digital electronics, intelligent systems, computer-aided design and manufacturing, dynamic systems and controls, embedded and cyber-physical systems, robotics and advanced software development and machine learning.

Employment Opportunities

The demand for robotics engineers is growing rapidly in Western Australia, with increasing interest in using autonomous systems for inspection, maintenance and other tasks in remote sites within the resources and agricultural sectors.

Global demand is also high, as companies look to AI and robotics to enhance efficiencies and improve competitiveness.

Careers

Robotics Engineer, Autonomous Systems Engineer, Electrical Engineer, Automation Engineer

→ See more course information — ecu.edu.au/courses/C87



Bachelor of Engineering Science

Indicative ATAR: 75

Required ATAR subject(s): Mathematics Methods and any one of Physics or Chemistry or Engineering Studies or Mathematics Specialist

Desirable ATAR subject(s): Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without Physics or Engineering Studies ATAR may need to take a bridging unit in the first year of their studies.

In modern engineering, large-scale engineering projects are likely to be multi-disciplinary, requiring engineers from diverse backgrounds to be able to work effectively as a team to deliver the outcomes. In this environment, a broader understanding of engineering, beyond one specific area of specialisation, is highly desirable and advantageous.

This course provides you with a bit of everything. It's a high-quality and broad-based coverage of multi-disciplinary engineering.

And when you successfully complete this three-year course you'll have guaranteed entry into ECU's Master of Engineering course, where you can develop a specialisation, building on this strong multi-disciplinary knowledge base.

→ [See more course information —
ecu.edu.au/courses/K94](http://ecu.edu.au/courses/K94)



Bachelor of Technology (Engineering)

Indicative ATAR: 70

Desirable ATAR subject(s): Mathematics Methods

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

Campus: Joondalup

Note: Students without Mathematics Methods ATAR may take a bridging unit in the first year of their studies

If you didn't meet the entry requirements for one of our Bachelor of Engineering Honours courses, but you still want to work in the world of engineering, this course is your pathway. In your second year you'll choose from one of seven engineering majors, including chemical, civil, electrical or mechanical.

Employment Opportunities

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

Careers

Engineering Technologist, Engineering Technician

Majors available at ECU Joondalup Campus:

- Chemical
- Civil
- Electrical
- Electronics & Communications
- Electronics & Computer Systems
- Mechanical
- Petroleum

→ [See more course information —
ecu.edu.au/courses/Y62](http://ecu.edu.au/courses/Y62)



“My ECU degree helped me to understand the industry, make the right connections, and work in the area that I'm really passionate about.”

Bruna Rocha
ECU Postgraduate Engineering Science
graduate and Rail Engineer at WSP



Bachelor of Technology (Motorsports)

Indicative ATAR: 70

Desirable ATAR subject(s): Mathematics Methods and Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without the desired ATAR subjects may complete bridging units in the first year of their studies

Our Motorsports course is really popular, and not just because you could join the team that builds an actual race car! Here, you'll gain a solid understanding of the design, simulation and fabrication processes, as well as the management issues associated with production of complex automotive systems and the motorsports industry in general.

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, maintenance and project management.

Careers

Automotive Technologist,
Mechanical Technologist



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



Bachelor of Technology (Aeronautical)

Indicative ATAR: 70

Desirable ATAR subject(s): Mathematics Methods and Physics or Engineering Studies

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

Campus: Joondalup

Note: Students without the desired ATAR subjects may complete bridging units in the first year of their studies

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.

Provided appropriate electives are chosen, graduates of this course can apply to articulate into ECU's Master of Engineering course, specialising in either Mechanical or Civil Engineering.

Careers

Aeronautical Technologist,
Mechanical Technologist

→ See more course information — ecu.edu.au/courses/Y73



Diploma in Aviation

Indicative ATAR: Not Applicable

Duration: 1 year full-time or part-time equivalent

Campus: Joondalup or Online

Working in aviation but looking to upgrade your skills and knowledge? This on-campus or online course not only does that, but it also gives you a pathway into a full degree program. Among other things, you'll study the fundamentals of flight, aircraft performance and human factors in aviation.

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



Bachelor of Aviation

Indicative ATAR: 70

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

Campus: Joondalup

This course provides a focussed, 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](https://ecu.edu.au/courses/K99)



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

Paul Solomon
ECU Aviation graduate and Safety,
Quality and Training Coordinator at
Virgin Australia Regional Airlines



Careers in Healthcare

ECU courses that lead to careers in biomedical science, exercise science, health science, medical sonography, paramedicine, speech pathology and more.



What's your future career?

Alcohol and Other Drug
(AOD) Counsellor
Data Scientist
Environmental Health Officer
Exercise Physiologist
Fitness Coach

Geneticist
Medical Sonographer
Nutritionist
Occupational Safety
& Health Manager
Occupational Therapist

Speech Pathologist
Sports Scientist
Strength &
Conditioning Coach

Healthcare courses

Imagine a career where you're helping people to lead a happier and healthier life. Now imagine the possibility of there being many such careers.

In this section, you'll discover courses to help you start one of those rewarding careers as a professional in health-related industries.

At ECU we believe the sooner you start working in the field you've chosen, the better prepared you'll be when you graduate. So as a student you'll also have placement opportunities throughout your course.

Interested in making a difference to the health of others?

Pursue rewarding careers in healthcare or the performance and fitness industry by studying one of our many health related degrees.



Community champions

Find courses and careers where you'll take a strategic view of health-related issues in communities or workplaces.



Emergency responders

Learn the critical thinking and clinical decision-making skills to be there for those in need as you manage emergencies or disasters.



Health and performance heroes

Help people improve general health and fitness or enhance their sporting performance.



Medical investigators

Investigate the function of cells, organs and systems in the human body, helping us better understand and treat human diseases.



One-to-one therapists

Learn how to work closely with individuals to improve their quality of life.

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	■		■	■

Want to join a profession that's fit for a pandemic?

This course is ideal for starting a career in environmental health. You'll learn about population health, epidemiology, communicable disease control, health promotion planning and much more.

You'll graduate with the ability to think critically about prevention and control of communicable and environmental disease and other environmental health issues, and to plan and coordinate environmental health projects.

The course also includes a 200-hour placement in an environmental health department.

After graduating, you can study the Bachelor of Health Science (Occupational and Environmental Health and Safety major) and receive 8 units of credit.

Career Opportunities

As a graduate, you'll be employable in State Government, Shire and City health departments in a support role to Environmental Health Officers.



See more course information — 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 scientists focus on genetics, cells, organs and body systems in the human body. Their work generates important knowledge in maintaining human health and preventing and treating disease.

In this course you will learn about the theory and hands-on practical application of genetics, anatomy, microbiology, pathophysiology, biochemistry, immunology and other topics. You'll also gain extensive practical experience in our cutting edge PC2 laboratories.

This course presents various career opportunities. If you know you want to pursue a career in healthcare but aren't sure what direction you want to go in, this course is structured to give you a taste of a range of subjects in your first year. This flexibility means you can design this course for the job you want by selecting from the diverse pathways our majors provide.

You have a choice of one or more major subjects in this degree, so you'll learn specific skills in an area that interests you. See the course link below for details.

Career Opportunities

Biomedical science is a fast-developing dynamic field with diverse career opportunities, including specialised laboratory work, education, management and research. Some of our graduates are genetic counsellors, leaders in medicine and research, locally and internationally. As a biomedical science graduate, you can continue on to a Master of Medical and Health Science by Research and specialise in one of these fields: medical science, medical microbiology, genetics, haematology, histopathology, anthropology, cytology, human biology, immunology, medicine, nutrition science, biochemistry, data science, clinical chemistry or evolutionary medicine.

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



International Dual Degree

Bachelor of Biomedical Science (Bioscience)

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.

At a glance, you might think this is the same course as the previous one. But this is one of our exciting international dual degree courses that provides you with an opportunity to gain valuable international experience while receiving two degrees.

As a graduate, you'll 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).

In this course you will learn about the theory and hands-on practical application of genetics, anatomy, microbiology, pathophysiology, biochemistry, immunology and other topics.

You have a choice of one or more major subjects in this degree, so you'll learn specific skills in an area that interests you. See the course link below for details.

Career Opportunities

See the Bachelor of Biomedical Science for career opportunities.

Your year studying in the UK will introduce you to new networks and could open up international employment opportunities.

→ 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	■		■	■

Health Science is about enhancing the health of communities, including tackling health-related societal problems such as obesity, harmful alcohol and drug use and even dealing with a global pandemic.

At ECU, you'll develop 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. And you'll gain valuable industry experience through a work placement in your final year.

You have a choice of one or more major subjects in this degree, so you'll learn specific skills in an area that interests you. See the course link below for details.

Career Opportunities

You'll be surprised how many diverse workplaces have career opportunities for our Health Science graduates. Depending on your chosen major(s), this includes aged care facilities and hospitals, rural and regional locations, 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.

→ See more course information — ecu.edu.au/courses/K97



New

Bachelor of Preclinical Foundations of Imaging Science

Indicative ATAR: 80

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

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

Medical Sonographers are in high demand. They are highly skilled medical imaging professionals who operate an ultrasound machine to perform diagnostic medical sonographic examinations. Could that be you?

Ultrasound has become the first line of investigation in a wide range of medical care situations. The use of sound waves instead of radiation or magnetic resonance, enables a less invasive investigation, and advances in technology and practice have seen sonography become increasingly relied on in many areas of medicine.

In this course, you'll acquire knowledge and skills in applied anatomy, physiology and pathophysiology, application and operation of ultrasound imaging systems, ultrasound image recognition and comprehension, patient assessment, and more.

Career Opportunities

Qualified sonographers can specialise in different areas, including: Obstetrics/Gynaecology, Musculoskeletal, Vascular and Paediatrics.

There is currently a shortage of Sonographers in both WA and Australia wide. This profession is on the 2023 Skills Priority List published by Jobs and Skills Australia.

Source: jobsandskills.gov.au, January 2024

Professional Recognition

Australian Sonographer Accreditation Registry has accredited this course.

Important: To become an accredited Medical Sonographer, you must complete a degree that is recognised by the Australian Sonographer Accreditation Registry (ASAR). ECU has obtained accreditation from ASAR for the Bachelor of Preclinical Foundations of Imaging Science and the Graduate Diploma of Medical Sonography courses, which, together, make up four years of study and include two consecutive years of clinical placements (minimum 3 days a week). The Graduate Diploma of Medical Sonography will commence in 2027.

→ See more course information — ecu.edu.au/courses/T78



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 well-being? 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 course will give you the skills to design, implement and evaluate programs targeted at improving general health and well-being, helping to prevent or reduce the impact of chronic disease and enhancing athletic performance.

You can study units on-campus with weekly lectures and laboratories or through a blended format with weekly online content, such as lectures, tutorials and/or seminars, plus intensive on-campus lab sessions twice per semester.

The course can also be your pathway to further study in areas such as clinical exercise physiology, education, dietetics and strength and conditioning coaching.

You have a choice of one or more major subjects in this degree, so you'll learn specific skills in an area that interests you. See the course link below for details.

Career Opportunities

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, work in sports administration or coaching, become a PE teacher or a wide range of other exciting sporting, corporate or community environments.

Professional Recognition

Exercise and Sports Science Australia (ESSA) has accredited this course. Graduating students will be eligible to apply for accreditation credentialing with ESSA.

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



International Dual Degree

Bachelor of Science (International Exercise and Sports Science)

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.

If you're interested in health, fitness and general well-being, and like the idea of helping other people improve their lifestyle or sports performance through exercise, this international dual degree provides you with an opportunity to gain valuable international experience while receiving two degrees.

That's 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).

You'll learn skills to design, implement and evaluate exercise programs targeted at improving general health and well-being, helping to prevent or reduce the impact of chronic disease and enhancing athletic performance.

The course can also be your pathway to further study in areas such as clinical exercise physiology, education, dietetics and strength and conditioning coaching.

You have a choice of one or more major subjects in this degree, so you'll learn specific skills in an area that interests you. See the course link below for details.

Career Opportunities

Your degrees will prepare you for a variety of professional roles 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.

And your year studying in the UK will introduce you to new networks and could open up international employment opportunities.

→ See more course information — ecu.edu.au/courses/W97



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 ■

Interested in using exercise to improve people's health, fitness and general well-being? In this degree for aspiring exercise physiologists, 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. And for healthy people too.

You can study units for this degree on-campus or a combination of online lectures and tutorials, combined with intensive on-campus laboratory sessions twice per semester.

Career Opportunities

Exercise Physiologists help other people improve their lifestyle and recover from injuries and chronic conditions through exercise. 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.

Professional Recognition

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

→ See more course information — ecu.edu.au/courses/M90



Bachelor of Science (Exercise and Sports Science)/Bachelor of Commerce (Sport Business)

Indicative ATAR: 70

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

Availability: JO ML SW OL

Full-time ■

Part-time ■

This double degree includes concurrent study in the disciplines of Exercise and Sports Science and Sport Business and is ideal if you're seeking a career in management positions within sporting industries.

You'll study the human body and focus on the application to exercise and sport including exercise physiology, exercise and sports psychology, biomechanics, motor learning and control and strength and conditioning.

You'll also be introduced to the sport industry and the application of key business principles and practices including accounting, marketing, business analytics, sport delivery systems, strategic and human resource management, funding and finance, legal aspects, sport venue and event management, and sport business planning.

Career Opportunities

The Sports Business degree equips you to function as a professional and industry leader in contemporary sport agencies and organisations, as well as managing your own sport business.

The Exercise & Sports Science degree equips you to specialise in the design, implementation and evaluation of programs spanning from improving general health and well-being to enhancing sport performance in elite athletes.

Potential career opportunities exist for managers within a range of global sport organisations and businesses, including professional sport organisations, national and state sport associations, high performance sports centres, health and wellness case management, private exercise, fitness, sport and rehabilitation franchise operations, personal training businesses, and elite and high performance sport organisations.

→ See more course information — ecu.edu.au/courses/W31



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	■			

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

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

A qualified Occupational Therapist, or OT, can make all the difference. 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.

At ECU, you'll start your practical experience in your first year. Fieldwork placements continue throughout the 4 years, supervised and assessed by registered occupational therapists.

Career Opportunities

Australians are living longer, and our population is growing. So it's not surprising that occupational therapy is one of the fastest growing health professions in Australia. Graduates are in high demand across a wide range of employment sectors.

There is currently a shortage of Occupational Therapists in both WA and Australia wide. This profession is on the 2023 Skills Priority List published by Jobs and Skills Australia.

Source: jobsandskills.gov.au, January 2024

Professional Recognition

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

→ 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.

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.

Professional Recognition

You'll be taught by Australian Health Practitioner Regulation Agency (Ahpra) registered industry professionals with on-road experience, with many still actively working in the profession.

Career Opportunities

This course will prepare you to practice high quality evidence-based paramedicine in a wide range of health and cultural settings either in Australia or overseas, and to lead Australian and international paramedicine development.

Your future job could be as a critical care paramedic, community paramedic, industrial paramedic, ambulance officer, intensive care paramedic or a 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	■

If you're passionate about communicating, and have an interest in science and thinking creatively, Speech Pathology might be a career for you.

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.

At ECU, you'll start your practical experience in your first year. And with our smaller student cohort, you can expect greater personal attention from our experienced lecturers.

Career Opportunities

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

There is currently a shortage of Speech Pathologists in both WA and Australia wide. This profession is on the 2023 Skills Priority List published by Jobs and Skills Australia.

Source: jobsandskills.gov.au, January 2024

Professional Recognition

Speech Pathology Australia (SPA) has accredited this course.

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



Careers in Nursing & Midwifery

ECU courses that lead to careers in nursing and midwifery.



What's your future career?

- | | | |
|-------------------|---------------------|--------------------|
| Aged Care Nurse | Health Care Manager | Nurse |
| Children's Nurse | Mental Health Nurse | Nurse Practitioner |
| Clinical Educator | Midwife | Researcher |
| Endorsed Midwife | | |

Nursing and midwifery courses

Nursing and midwifery are unique professions for unique people. Caring for our fellow humans - from newborn babies to the elderly, offers a variety of fulfilling career opportunities and specialisations.

If you're thinking about a career in this challenging but rewarding industry, you've come to the right place.

With Western Australia's only dual degree in nursing and midwifery, ECU has been preparing nurses and midwives for exciting careers across Australia and the world for a long time.

Here, you'll learn skills in state-of-the-art facilities that include simulated hospital wards. You can also choose to study at either our Joondalup or South West campuses.

Top 150 in the world

ECU delivers one of the top 150 university nursing programs in the world according to the latest Shanghai and QS Subject Rankings (2023). We are also ranked number one in Western Australia for Nursing in the Good Universities Guide (2023).

Mums Adopting Midwifery Students

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.



Inspired to become a nurse

"As a mature age student, the idea of studying again was daunting. Although I had feelings of excitement and determination to lead an example for my four babies watching me."

Kelly McDiarmid
ECU 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	■		■	

Nursing is a calling. Is it calling you? This course prepares you to become a registered nurse in Australia, able to practise in all kinds of healthcare facilities. You'll study in some of the country's best facilities, including simulation wards that are like those in a hospital. And you'll balance the theory with lots of reality checks at practicums with our healthcare partner hospitals.

Industry Experience

As part of this course, you'll be required to successfully complete 800 hours of clinical practice in a range of WA-based healthcare organisations.

Career Opportunities

ECU's partnership programs give you the opportunity to do most of your practical placements in one health service, allowing you access to helpful resources and networking opportunities.

These unique partnership programs are available at healthcare facilities including Sir Charles Gairdner Osborne Park Health Care Group, North Metropolitan Health Service Mental Health, Ramsay Health Care and Western Australian Country Health Service.

Professional Recognition and Registration

The Australian Nursing and Midwifery Accreditation Council have accredited this course. When you graduate, you'll be eligible to register with the Nursing and Midwifery Board of Australia, a pre-requisite to practice in the profession.

→ [See more course information —
ecu.edu.au/courses/C33](https://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	■		■	

Thinking about a nursing career? Interested in bringing newborn humans into the world? Why not study our double degree? This double dose of nursing is unique to ECU in Western Australia. It prepares you for entry-level practice as both a registered midwife and a registered nurse. And it seriously widens your career options.

Industry Experience

As part of this double degree, you'll be required to successfully complete 800 hours of nursing clinical practice and a further 720 hours midwifery clinical practice.

You'll also be required to follow ten women throughout their pregnancy journey, including being on call to attend them when they give birth.

Career Opportunities

ECU's partnership programs give you the opportunity to do the majority of your practical placements in one health service, allowing you access to helpful resources and networking opportunities.

These unique partnership programs are available at healthcare facilities including Sir Charles Gairdner Osborne Park Health Care Group, North Metropolitan Health Service Mental Health, Ramsay Health Care and Western Australian Country Health Service.

Professional Recognition and Registration

The Australian Nursing and Midwifery Accreditation Council have accredited this course. When you graduate, you'll be eligible to register with the Nursing and Midwifery Board of Australia, a pre-requisite to practice in the profession.

→ [See more course information —
ecu.edu.au/courses/Y76](https://ecu.edu.au/courses/Y76)



Careers in Science

ECU courses that lead to careers in science, computing, security and intelligence industries and more.



What's your future career?

Analytical Chemist

Botanist

Computer Programmer

Conservation Field Officer

Counter Terrorism Consultant

Cyber Security Analyst

Data Scientist

Environmental Consultant

Intelligence Officer

IT Specialist

Medical Physicist

Marine Scientist

Security Consultant

Software Engineer

Science courses

Some of the fastest growing jobs in Australia require people with qualifications in Environmental Science, Computer Science, IT and Software Engineering*.

On the following pages you'll find courses that can lead to these in-demand careers, including our science degree with a wide choice of major subjects, ideal if you like science but don't yet know what direction to go in.

*Source: LinkedIn jobs rise 2023-2025



“The units I studied were closely aligned to real world applications.”

Scott Hazelden
ECU Environmental Management graduate

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.

Have a favourite science subject? In this course, you can major in one of nine diverse subjects, and choose a minor area of study from a range of options. Create a unique course and study what you love. Or use your first year to find out what you really like. In your final year, you'll have the opportunity to gain work experience via a semester long professional 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.

Majors Available

Chemistry, Conservation Biology, Data Science, Environmental Management, Horticulture, Marine and Freshwater Science, Mathematics, Physics, Sustainability

Career Opportunities

As a Science graduate you could be employed across a wide range of organisations including agrochemical, automotive or aerospace industries, banking, conservation organisations, defence, education, energy and government. Depending upon your chosen major your job title could be Analytical Chemist, Environmental Consultant, Data Scientist, Modelling Analyst, Environmental Management Officer, Horticultural Project Officer, Marine Scientist, Freshwater Biologist, Medical Physicist or Sustainability Practitioner.

➔ [See more course information —
ecu.edu.au/courses/M04](https://ecu.edu.au/courses/M04)



Environmental Science



The greatest challenge to our planet has arrived. Environmental studies have never been more important.

International Dual Degree

Bachelor of Environmental Science

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.

In this exciting international dual degree, you'll gain a grounding in the biological, chemical, physical and social aspects of the environment and the knowledge and skills used in its management.

It involves two and a half years' study at ECU and one at the University of Portsmouth, UK. You'll graduate with two degrees – a Bachelor of Environmental Science from ECU and a BSc (Hons) Environmental Science and Management from the University of Portsmouth (UK). You'll also have the chance to do fieldwork in the Mediterranean.

Career Opportunities

The strong management focus of this course will prepare you for careers in government agencies and industries that 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. Your job title could be Ecotourism Officer, Environmental Management Officer, Land Management Officer, Environmental Consultant, or Environmental Educator.

→ See more course information – ecu.edu.au/courses/W89



→ To learn more about the University of Portsmouth and ECU partnership, please visit – ecu.edu.au/degrees/university-of-portsmouth

Courses in IT, Computing & Security

Skills in computing and security are highly sought after all over the world. Businesses need people like you to come up with original ideas and solutions that add value. The future looks good if you're interested in a career in computer science, security and intelligence, information technology or cyber security.



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	■			■

Thinking about a career in computing? This course will introduce you to programming principles, systems analysis and computer security and more in your first year. You'll move into advanced topics like AI and choose a major subject in cyber security or software engineering, in the last 2 years. You'll also have an opportunity to undertake complex computer science projects, both independently and in teams. Graduate with skills that are in demand.

Majors Available

Cyber Security, Software Engineering

Career Opportunities

The course will provide you with a range of career options, including as a Computer Programmer, Application Developer, Systems Analyst, Software Engineer, Software Designer or a Technical Program Manager.

Professional Recognition

This course is accredited by the Australian Computer Society.

➔ [See more course information — ecu.edu.au/courses/U65](https://ecu.edu.au/courses/U65)



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	■			■

This course will prepare you for careers in the fields of information technology, IT management and cyber security. In your first year, you'll be introduced to concepts including programming, mathematics, networking, databases and computer security. You'll then develop advanced skills in IT that include web development, data management and visualisation in an enterprise context, IT security management and project management. You'll also tackle complex IT projects – either with peers or on your own.

Career Opportunities

The course will provide you with a range of career options, including as a Computer Support Officer, Systems Analyst, IT Consultant, Systems Administrator, Software Support Officer, Project Manager, Systems Integrator, Data Analyst.

Professional Recognition

This course is accredited by the Australian Computer Society.

➔ [See more course information — ecu.edu.au/courses/U67](https://ecu.edu.au/courses/U67)



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	■			■

Cyber security skills are in demand across the world. ECU is the only Australian university recognised as an International Cybersecurity Centre of Excellence. In this course you'll study network security and vulnerability assessment, information security policy and governance, digital forensics, and ethical hacking. You'll also delve into network enabled devices like smartphones, tablet devices, and the Internet of Things.

Career Opportunities

This course will prepare you for careers in cyber security, including areas such as network security, digital forensics, vulnerability assessment, security risk assessment, penetration testing, threat hunting, and incident response. Your new job title could be Cyber Security Analyst, Network Security Engineer, Digital Forensic Practitioner, Information Security Auditor, Security Consultant, Software Auditor or Systems Administrator (Security).

Professional Recognition

This course is accredited by the Australian Computer Society.

→ See more course information — ecu.edu.au/courses/Y89



International Dual Degree

Bachelor of Science (Cybercrime, Security and Intelligence)

Indicative ATAR: 70

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

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

This exciting international dual degree involves two and a half years' study at ECU and one at the University of Portsmouth, UK. You'll learn about security risk management, technology for protecting assets, counterterrorism, crime prevention and cybercrime. And you'll graduate with two degrees – an ECU Bachelor of Science (Cybercrime, Security and Intelligence) and a Bachelor of Science (Hons) Counter Terrorism, Intelligence and Cybercrime from the University of Portsmouth.

Career Opportunities

When you graduate, you'll have career options 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. Your job title could be as a Security Analyst, Intelligence Analyst, Counter Terrorism Consultant, Security and Risk Manager, Intelligence Officer, Strategic Risk Analyst or an Intelligence Profiler.

→ See more course information — ecu.edu.au/courses/W87



→ To learn more about the University of Portsmouth and ECU partnership, please visit — ecu.edu.au/degrees/university-of-portsmouth



“The knowledge I have gained from ECU has been a fantastic foundation for me in the workforce.”

Soumita Kale
ECU Cyber Security student

→ Read more





“I chose ECU for its connections with industry, commitment to outreach programs and unique specialisations offered.”

Elliot Rosignoli
ECU Cybercrime Security and Intelligence student

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	■			■

Want to make the world a safer place? In this course, which offers a choice of eight major subjects, you'll study terrorism and international security, intelligence foundations and much more. You'll learn how to use technology to secure assets, protect critical and national infrastructure and employ security management techniques. And after the first year, you'll specialise in countering terrorism threats.

Majors Available

Aviation, Criminology, Cyber Security, Data Science, Historical and Political Studies, Law in Business, Management, Professional Studies

Career Opportunities

When you graduate, you'll have career options 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. Your choice of major subject and possibly a minor subject will influence your specific career direction.

➔ See more course information — ecu.edu.au/courses/Y14



WAAPA Careers

Courses that lead to careers in the arts and entertainment industry, either in the spotlight, behind the scenes or running the show.



What's your future career?

Actor	Dancer	Music Teacher
Arts Manager	Designer	Performer
Choreographer	Director	Producer
Composer	Lighting Technician	Sound Production
Costume Maker	Musician	Stage Manager

Performing Arts courses

See yourself on the stage? Why not build on your creative skills at the Western Australian Academy of Performing Arts, one of the world's leading performing arts academies?

WAAPA, is recognised nationally and internationally for the quality of its acting, dance, music theatre and music graduates.

In this part of our guide, you'll find Cert IV courses, diplomas, advanced diplomas and degrees that can lead you into careers in the performing arts.

Aboriginal Performance studies

10908NAT

Cert IV in Aboriginal Performance

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability:	JO	ML	SW	OL
Full-time		■		

Aspire to be an actor? A singer? Or a dancer? Why not become all three? If you're an Aboriginal or Torres Strait Islander student with an interest in performing arts, this course is for you. It'll prepare you with the skills to audition for roles in theatre, film and television.

Career Opportunities

You can pursue opportunities in the entertainment industry as an actor, performer or entertainer, or consider further studies in courses like the Diploma of Screen Performance, a Bachelor of Performing Arts or a Bachelor of Arts (Acting).

→ See more course information — ecu.edu.au/courses/C84



Acting studies

10875NAT

Diploma of Screen Performance

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability:	JO	ML	SW	OL
Full-time		■		

Do the words, 'lights, camera, action' get you excited? If you aspire to being a TV or film actor, this could be the starting point. Dive into this course, where you'll hone acting skills, vocal techniques, and explore the art of storytelling on screen. You'll also grasp the fundamentals of scriptwriting and vision editing, and so much more. Auditions await – it's your time to shine!

Career Opportunities

When you complete this course, you can choose to start auditioning for parts or you might want to audition for one of our higher-level qualifications, like the Bachelor of Arts (Acting).

→ See more course information — ecu.edu.au/courses/C75





10995NAT

Diploma of Acting

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability: JO ML SW OL

Full-time



Ever found yourself daydreaming about taking centre stage? If your heart beats for the theatre and your dream is to captivate audiences under the spotlight, you've come to the right place. Understanding voice, movement and script analysis are just some of the skills you will learn. Time for your curtain call?

Career Opportunities

Actor, Entertainer, Performer, Theatre Actor or Film Actor. As a graduate of this diploma, you'll have an opportunity to successfully obtain ongoing work within the industry. You might also want to consider and audition for further study, such as a Bachelor of Performing Arts or a Bachelor of Arts (Acting).

→ See more course information — ecu.edu.au/courses/C85



11155NAT

Advanced Diploma of Performance (Acting)

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability: JO ML SW OL

Full-time



If your dream is to enter the performing arts industry as an actor pursuing roles in theatre and film productions and television work, read on.

This course is tailored for performers like you, aiming to refine your craft to the pinnacle of excellence. Delve deeper into the art of acting, enriching your skills in voice modulation, physical expression, and industry practices, all culminating in a polished performance skill set. Elevate your understanding of script analysis within the context of professional acting, equipping yourself with the expertise needed to audition for and excel in roles across theater, film and television.

Career Opportunities

When you graduate, you'll be able to contribute to productions as both interpretative actors and generators of your own work. Future job titles might include Actor, Entertainer, Performer, Theatre Actor, Film Actor, Stage Director, Film Director, Playwright or Screen Writer.

Note: You might also choose to audition for one of our higher-level qualifications, like the Bachelor of Arts (Acting).

→ See more course information — ecu.edu.au/courses/C86





Performance Making studies

Bachelor of Arts (Acting)

Indicative ATAR: Not applicable

Duration: 3 years full-time

Availability:	JO	ML	SW	OL
Full-time		■		

Ready to take your passion for acting to the next level? Picture this: three years of immersive learning, where every day is a journey toward excellence. This course is your ticket to unlocking your full potential and making waves in the entertainment industry worldwide.

At WAAPA, our program isn't just about theory. It's about hands-on experience and real-world preparation. From industry-standard training to opportunities to collaborate with visiting artists, every moment is a chance to grow and shine. So what are you waiting for? Let's make those dreams a reality together!

Career Opportunities

As a WAAPA acting graduate, you'll 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.

→ See more course information — ecu.edu.au/courses/Y93



Bachelor of Performing Arts

Indicative ATAR: Not applicable

Duration: 3 years full-time

Availability:	JO	ML	SW	OL
Full-time		■		

Do you want to tell new, urgent stories that matter to you? Thinking about a career in the performing arts but can't decide if you want to perform, direct, or write? This course will hone your performance skills and take you on a deep dive into collaborative devising for all kinds of performance – from traditional theatre, through site-specific performance to puppetry! You'll have the chance to explore writing and directing enhanced with the theoretical knowledge and practical skills in creative producing you need to go out and change the world.

You can also major in one of these subjects:

- Performance Making
- Performance Practice

Career Opportunities

When you study this course you'll develop core performance, communication and management skills necessary to gain professional employment in the performing arts. That could be as a performer, musician, director, choreographer, designer, composer, sound designer, arranger, dramaturg or playwright.

→ See more course information — ecu.edu.au/courses/Y97



In the recent QS World University Rankings by Subject, in Performing Arts, ECU ranked in the top 100 globally.

This ranking places ECU equal first in Australia in the Performing Arts category, a significant milestone for WAAPA.



Dance studies

CUA51520

Diploma of Professional Dance (Elite Performance)

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability: JO ML SW OL

Full-time



For aspiring dancers focussed on a professional ballet career, this course will develop technical and creative skills in the disciplines of ballet, pointe, pas de deux and solos, contemporary techniques, choreography, dance history, music for dance, anatomy, nutrition and fitness. Such a holistic approach ensures a thorough immersion into the art form.

Note: This course can lead to another year of training in the CUA60120 - Advanced Diploma of Professional Dance (Elite Performance).

Career Opportunities

This course will prepare you for the demands of work as a dance artist in mainstream Australian and overseas ballet and/or dance companies. It provides intense practical experience, where you'll develop a strong technique and artistry through classes and performance opportunities



See more course information —
ecu.edu.au/courses/C78



Australian
Qualifications
Framework

CUA60120

Advanced Diploma of Professional Dance (Elite Performance)

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability: JO ML SW OL

Full-time



For well-trained dancers, this course will further hone the necessary technical and creative skills required to work in mainstream Ballet companies. Highly challenging and detailed work is studied in the areas of ballet technique, pointe, pas de deux and solos, contemporary techniques, choreography, dance history, anatomy, and fitness.

Note: After successful completion of this course, students can undertake a third year of ballet focussed training by enrolling in the final year of the Bachelor of Arts (Dance), and ultimately graduate with a degree.

Career Opportunities

This course will prepare you for the demands of work as an accomplished dance artist in mainstream Australian and overseas ballet and/or dance companies. It provides intense practical experience, where you'll develop a strong technique and artistry through classes and performance opportunities.



See more course information —
ecu.edu.au/courses/C79



Australian
Qualifications
Framework



WAAPA Symphony Orchestra at Perth Concert Hall (2023).
Photo by Stephen Heath.

Music studies

Bachelor of Arts (Dance)

Indicative ATAR: Not applicable

Duration: 3 years full-time

Availability:	JO	ML	SW	OL
Full-time		■		

This is a challenging contemporary dance course where regular performance, intensive training and classroom practice are central to our philosophy. In this degree, we pair the pursuit of physical excellence with the nurturing of creativity, laying the foundations for you to become a performer, choreographer and/or independent practitioner. Ready to step up?

Career Opportunities

This course encourages you to pursue individual goals as an artist in contemporary dance or ballet, or as a choreographer, dance teacher, dance academic or researcher.

➔ See more course information — ecu.edu.au/courses/T73



Scott dances into the Venice Biennale

Dancer and choreographer Scott Elstermann, a WAAPA Dance graduate, has presented an original dance work at the prestigious Venice Biennale.

This latest accolade comes five years after Scott became the youngest person and first Australian to win the prestigious Pina Bausch Fellowship for Dance and Choreography.

CUA50820

Diploma of Music

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability:	JO	ML	SW	OL
Full-time		■		

If you're thinking about working in the music industry or you've already started, keep reading. This course offers five study options. You can build your skills to become a performer, a composer or a sound engineer. You'll also learn technical and managerial skills required to work in the music industry. Ready to play?

Study Options:


- Classical
- Contemporary
- Creation and Composition
- Jazz
- Music Artist

Nationally recognised by the Australian Skills Quality Authority

Career Opportunities

This course will suit you if you're a musician, singer and/or songwriter, or sound technician and you're aiming to sustain a career in the music industry as a performance artist, composer, entertainer, sound recordist, sound designer or sound mixer. Or all of these!

➔ See more course information — ecu.edu.au/courses/C82




CUA60520

Advanced Diploma of Music

Indicative ATAR: Not applicable

Duration: 1 year full-time

Availability: JO ML SW OL

Full-time

Already a Music Artist, but wanting to expand your songwriting, instrumental (including vocal), ensemble and musicianship skills? In this course you'll study songwriting, media performance, history, music theory and lots more. You can also specialise in performance or sound production. Ready to plug in?

Career Opportunities

This course will suit you if you're a musician, singer and/or songwriter, or sound technician and you're aiming to sustain a career in the music industry as a performance artist, composer, entertainer, sound recordist, sound designer or sound mixer. Or all of these!

→ See more course information — ecu.edu.au/courses/C77



Bachelor of Music

Indicative ATAR: 70

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

Availability: JO ML SW OL

Full-time

Do you live and breathe music? If your goal is to succeed in the music industry, WAAPA is the best place to start. In this degree, you'll have specialist training in your chosen major subject, for example, classical, jazz or contemporary music. Best of all, you'll be performing in many of WAAPA's annual productions!

Majors you can study:

- Classical Performance
- Composition and Music Technology
- Contemporary Performance
- Jazz Performance

Career Opportunities

This course will provide you with lifelong transferable skills, meaning you'll be capable of pursuing employment in a wide range of professional industries. Think performer, musician, classical artist, jazz artist, contemporary artist, pop artist, music artist, composer, music educator, audio engineer, producer, programmer, arts administrator or researcher. You'll have employment opportunities throughout Australia and across the globe.

→ See more course information — ecu.edu.au/courses/W76



Advanced Diploma of Music (Music Artist) student performing at the Perth Concert Hall 2023. Photo by Stephen Heath.

Bachelor of Education (Secondary)

Secondary teachers are in high demand across Western Australia. This could be your time to shine. Especially if you're passionate about music education and are keen to work with high school students.

Offered in conjunction with ECU's School of Education, the Music Education major focuses on secondary school classroom music teaching. Students specialise in either Classical, Jazz or Contemporary Performance, Composition and Music Technology, or Music Studies. Students also have the option to complete a minor in Instrumental Music Education which includes the study of primary school music teaching.

→ See more course information — ecu.edu.au/courses/Y68





Music Theatre students perform in *Sweeney Todd: The Demon Barber of Fleet Street* (2023).
Photo by Stephen Heath.

Music Theatre studies

CUA50220

Diploma of Musical Theatre

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

Is your dream to stride the stage in musical theatre or cabaret productions? In this course, you'll develop skills in acting, singing and dancing - and how to integrate all three - through highly practical classes. Best of all, you'll get to try out your new skills in a range of performance opportunities. Your stage is set.

Nationally recognised by the Australian Skills Quality Authority

Career Opportunities

By studying at WAAPA, you'll gain practical performance experience in a range of the performing arts, preparing you to work professionally in a wide range of theatre activity. You might also want to consider and audition for further study, such as a Bachelor of Arts (Music Theatre).

➔ See more course information — ecu.edu.au/courses/C76



Bachelor of Arts (Music Theatre)

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

Dream of performing in musical theatre or cabaret productions? In this internationally acclaimed course, you'll receive intensive technical and practical training in the areas of singing, dance, acting and musicianship. You may wish to tailor and deepen your training in the final year with a focus on either dance and choreography for music theatre, an introduction to stage direction, professional voice studies, or acting techniques for film and TV.

Career Opportunities

This course prepares you to work in the performing arts industry as an elite practitioner with skills and knowledge in music theatre. Your transferrable skills mean you could pursue work as an administrator, producer, director, choreographer, writer, as well as perform in other media including film and television, radio, broadcasting, commercials and promotional work.

➔ See more course information — ecu.edu.au/courses/G44



Production, Design and Creative Management Courses

When you watch a performance, it's easy to think that all the creativity is happening on stage. But it takes a lot of creative thinking and skill behind the scenes to make the show come together.

In these courses, you'll really use your imagination to bring lots of performances to life.

Arts Management studies

Bachelor of Arts (Arts & Cultural Management)

Indicative ATAR: 70

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

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

The thing about the arts and entertainment industry that nobody thinks about is this: who makes it all happen? Step forward, potential arts manager. With a strong focus on social and cultural sustainability, this course will give you the ability to work in theatre companies, venues, dance companies, exhibitions, galleries, concerts, festivals and so much more. Ready to run the show?

Career Opportunities

The course gives you many opportunities to engage with corporate and community partners from diverse industry environments and workplaces, ideal for building your network and possibly paving the way for future employment in a range of roles within large and small companies, institutions and organisations, both nationally and internationally. That might be as a General Manager, Arts Marketing Manager, Arts Finance Manager, Sponsorship Manager, Business Development Manager, Communications Manager, or a Venue Manager.

→ See more course information — ecu.edu.au/courses/T74



WAAPA's Arts & Cultural Management training has a strong track record of successful employment outcomes for its graduates. You can find them in senior management and marketing positions at prestigious arts and entertainment organisations throughout the world.

→ Read More





Production & Design studies

CUA50420

Diploma of Live Production and Technical Services

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

In this course you'll be learning how to be a part of the entertainment industry in a role where you're not in the spotlight. So, if you're interested in set design, lighting, props, scenery, stage management or another aspect of production, this is the course for you. And you'll develop your skills working on actual WAAPA productions – and there are lots of them each year – until you're ready to be a pro!

Study Options:

- Production Arts
- Technical and Live Performance

Note: If you successfully complete this course, you can consider studying the Advanced Diploma of Live Production and Technical Services.

Nationally recognised by the Australian Skills Quality Authority

Career Opportunities

Depending on what you choose to specialise in, you'll have employment opportunities in the film, television, theatre, festival, performing arts and allied entertainment industries. Your possible future job could be as a assistant stage manager, costume/ wardrobe designer, production electrician, sound assistant, scenic painter/carpenter, props maker or an assistant designer.

➔ See more course information – ecu.edu.au/courses/C80



CUA60220

Advanced Diploma of Live Production and Management Services

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

This course is a step up from our diploma, so you'll need to demonstrate production skills in at least one technical area when you apply. But once you're in, you'll develop your skills working on actual WAAPA productions. And you can specialise in one of these study options.

Study Options:

- Costume
- Lighting
- Production Design
- Props and Scenery
- Sound Production
- Stage Management

Note: After successful completion of the Advanced Diploma, eligible students can articulate into the second year of the Bachelor of Performing Arts degree (Y97).

Nationally recognised by the Australian Skills Quality Authority

Career Opportunities

Depending on what you choose to specialise in, you'll have employment opportunities in the film, television, theatre, festival, performing arts and allied entertainment industries. Your possible future job could be as a scenic designer, costume designer, lighting designer, stage manager, production manager, set designer, wardrobe supervisor, scenic artist, workshop manager or an events coordinator.

➔ See more course information – ecu.edu.au/courses/C81



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 (people who left secondary ed 2+ years ago, haven't studied a VET course and have professional or work experience)
- Vocational education and training (VET) (includes TAFE students and other VET providers)
- Higher education student (people who may have studied a higher ed course or completed a bridging or enabling course)

We won't try to explain these here, 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.

→ Find out more — ecu.edu.au/apply



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.

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 course 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 and go online.**
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!



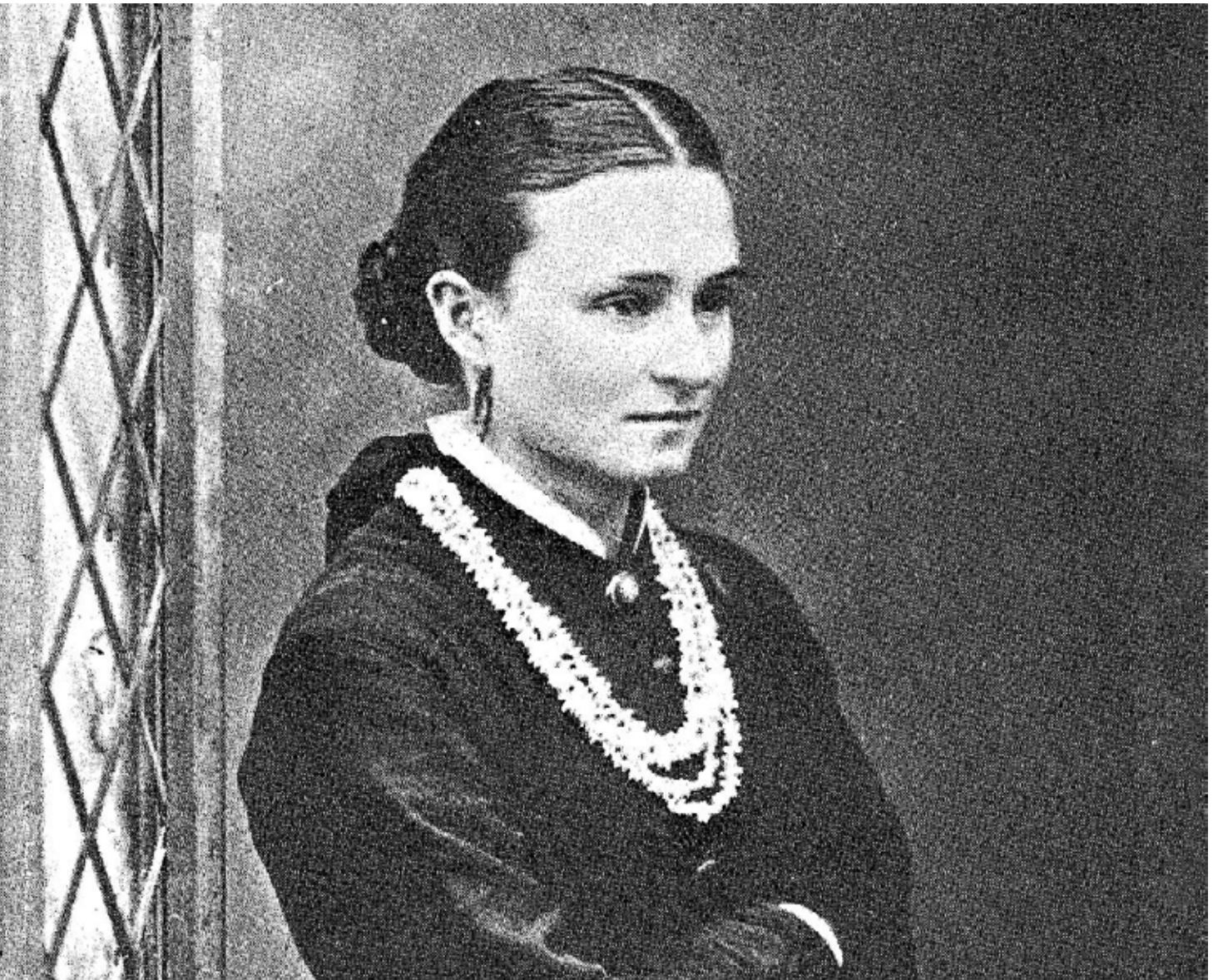
Apply for a scholarship

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.

You can apply for a scholarship when you apply for an ECU course.

→ Find out more — ecu.edu.au/scholarships



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.

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.




Unlock your superpower.

Creative thinkers
made here.


CRICOS Provider No. 00279B | RTO Code 4756
TEQSA ID PRV12160, Australian University

Contact


 +61 8 6304 0000
(For calls outside Australia)


 ECU.EDU.AU

Find us at


 [ecujourney](https://www.facebook.com/ecujourney)

 [edithcowanuni](https://twitter.com/edithcowanuni)

 [edithcowanuniversity](https://www.youtube.com/edithcowanuniversity)

 [edithcowanuniversity](https://www.instagram.com/edithcowanuniversity)

 [edithcowanuni](https://www.tiktok.com/edithcowanuni)

 [school/edith-cowan-university](https://www.linkedin.com/school/edith-cowan-university)