

2022

# Undergraduate Study Guide



JAMES COOK  
UNIVERSITY  
AUSTRALIA

Celebrating  
**50**  
YEARS  
1970 - 2020

TOP **15**

Universities in Australia<sup>2</sup>

TOP **250**

Universities in the world<sup>2</sup>

TOP **100**

In the world for UN Sustainable  
Development Goals<sup>7</sup>

[jcu.edu.au](http://jcu.edu.au)



# Why JCU?

- Access to world-class academics
- Teachers committed to student success
- Develop skills in state-of-the-art facilities
- Gain real world experience
- Achieve exceptional employment outcomes
- Benefit from small class sizes
- Connect with professional networks
- Work anywhere in the world
- Support through scholarships for merit and equity
- Discover great accommodation options

NO. 1

IN THE WORLD FOR  
MARINE BIOLOGY<sup>1</sup>

TOP 250

UNIVERSITIES  
IN THE WORLD<sup>2</sup>



FIVE STARS FOR  
FULL-TIME EMPLOYMENT<sup>3</sup>

TOP 100

UNIVERSITIES IN THE WORLD  
FOR U.N. SUSTAINABLE  
DEVELOPMENT GOALS<sup>7</sup>



FIVE STARS FOR  
SOCIAL EQUITY<sup>3</sup>



JCU ORPHEUS ISLAND  
RESEARCH STATION

20,278  
STUDENTS

4,463  
EMPLOYEES



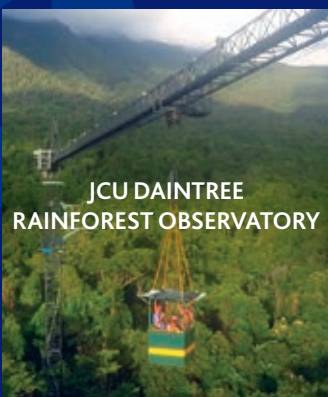
OPENING DOORS TO  
OPPORTUNITY WITH  
INDUSTRY AND RESEARCH  
THROUGH JCU CONNECT

ON-CAMPUS  
ACCOMMODATION  
FOR OVER  
1,600  
STUDENTS

AUSTRALIA'S FIRST  
INTERNET OF THINGS  
RESEARCH LAB



21  
JCU SPECIALISED  
RESEARCH CENTRES  
& INSTITUTES



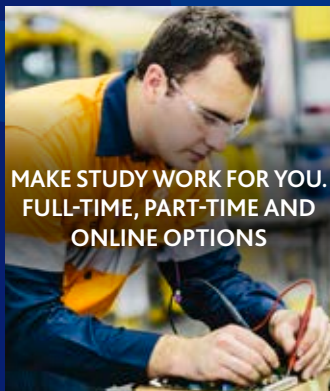
JCU DAINTREE  
RAINFOREST OBSERVATORY

TOP **15**  
UNIVERSITIES  
IN AUSTRALIA<sup>2</sup>

RESEARCH  
CONNECTIONS TO  
**124**  
COUNTRIES

*Celebrating*  
**50**  
YEARS  
*1970 - 2020*

**\$1.9**<sub>Bn</sub>  
IN FUTURE  
INVESTMENT<sup>4</sup>



MAKE STUDY WORK FOR YOU.  
FULL-TIME, PART-TIME AND  
ONLINE OPTIONS



FIVE STARS FOR  
STUDENT SUPPORT<sup>3</sup>

'WORLD CLASS  
OR HIGHER'  
IN **83%**  
OF RESEARCH FIELDS<sup>2</sup>

TOP **30**  
OF MODERN  
UNIVERSITIES<sup>6</sup>



FIVE STARS FOR  
SKILLS DEVELOPMENT<sup>3</sup>

**117**  
INDUSTRY RESEARCH  
CONTRACTS



HANDS-ON LEARNING



WORLD-CLASS  
FACILITIES

TOTAL RESEARCH INCOME:  
**\$47.4**  
MILLION



FIVE STARS FOR  
LEARNER ENGAGEMENT<sup>3</sup>

STUDENTS FROM  
**111**  
COUNTRIES

**15**  
DISTINGUISHED  
PROFESSORSHIPS

**\$1.75**<sub>Bn</sub>  
JCU'S CONTRIBUTION TO  
HUMAN CAPITAL<sup>4</sup>

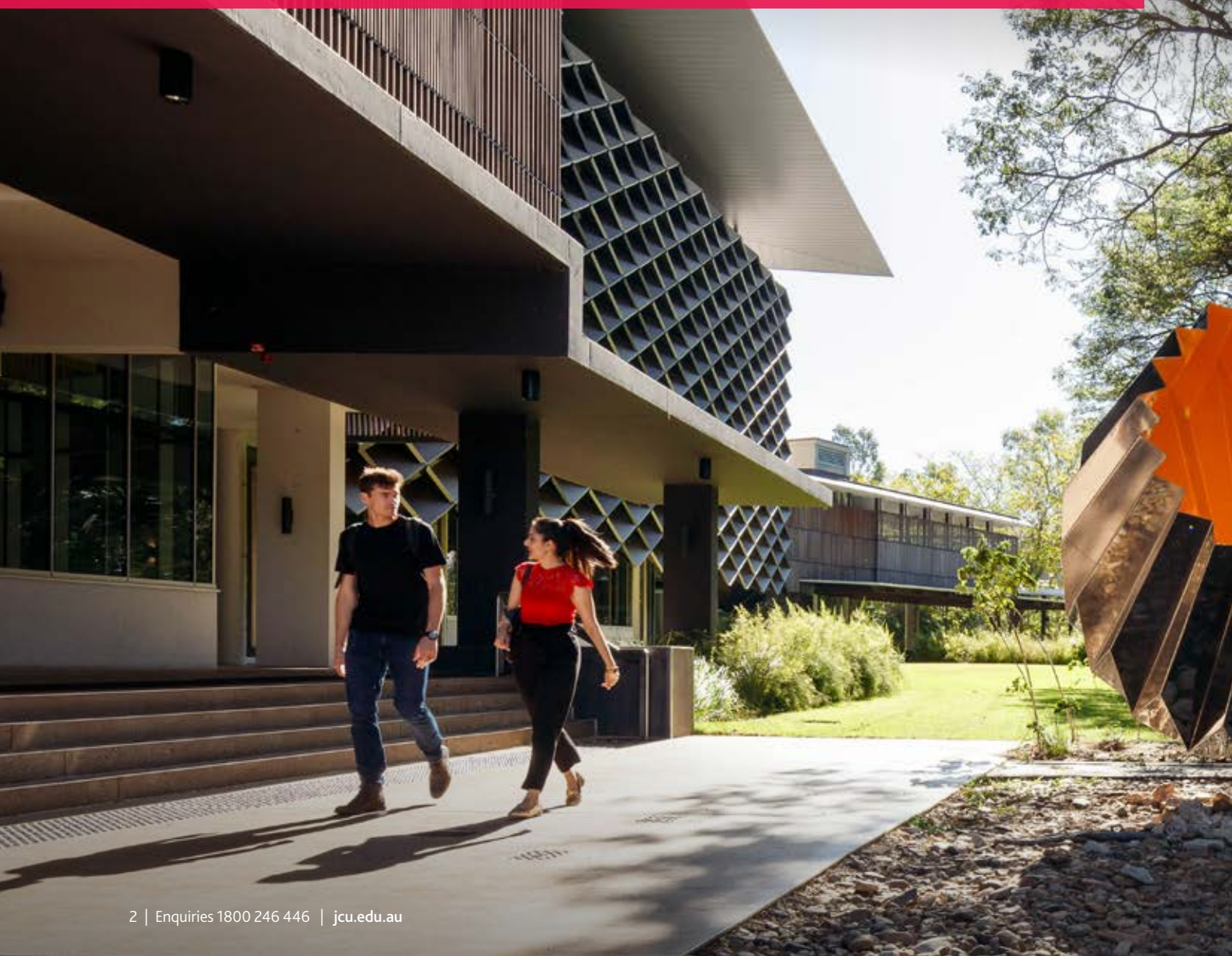


JCU FLETCHERVIEW  
RESEARCH STATION

**\$1.3**<sub>Bn</sub>  
ASSETS<sup>4</sup>



# JCU: Ready today for tomorrow





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# Welcome to James Cook University

*Education is critical. It is through education that we gain knowledge and develop new skills. We learn the value of hard work, we deepen our understanding of the world and grow as people able to contribute to society and shape a brighter future. Education also provides for better jobs and rewarding careers. To put it another way, education helps to pay the bills. Yet education is also much more. It can help us dream, explore, have fun, and make lifelong friends.*



Our commitment to you is that JCU is about all these things. We are also about great student experiences and exceptional academic and career outcomes. All Australian universities will make the same promises, but with JCU there is one big difference. While you study you can experience the Great Barrier Reef, Daintree Rainforest, and the great Australian outback. You can also work with regional and remote communities, explore ecosystems as living laboratories, or work in areas where climate change and the awesome power of nature is both frightening and challenging. That's why JCU is Uni, but not as you know it.

For 50 years, JCU has helped create that brighter future through students and graduates who make a difference. We are committed to bringing together our natural world, the built environment, people and societies, and experiential learning. We do so with a view to living the United Nations' Sustainable Development Goals. JCU was recognised in the 2020 Times Higher Education (THE) Impact Rankings as the number one University in the world for global partnerships for sustainable development<sup>1</sup>. Other accolades include being number one in the world for study areas like marine science and freshwater biology<sup>2</sup>, and being independently rated five stars for student support, learner engagement, skills development, full-time employment, and social equity<sup>3</sup>. These accolades are hard earned and

a tribute to the commitment of academics and professional staff in supporting students to becoming well-rounded graduates.

As you explore this guide, consider the opportunities available to you and how they might enable your journey of discovery. We are committed to you having a student experience that is life changing, whether it is in one of the most fascinating places in the world or online in the comfort of your own home. One in which you develop the skills, build your knowledge, and gain the confidence to launch your career. During times of uncertainty, education increases in its importance to you and your community. Thank you for taking the time to explore JCU. We look forward to creating a brighter future with you that makes a difference.

A handwritten signature in black ink that reads "Sandra Harding".

**Professor Sandra Harding AO**  
Vice Chancellor and President

<sup>1</sup>Times Higher Education (THE) Impact Rankings 2020. <sup>2</sup>CWUR 2017 Rankings by Subject: Ranked Number 2 in the world for Biodiversity Conservation. Ranked Number 1 in the world for Marine and Freshwater Biology. <sup>3</sup>2021 The Good Universities Guide.



# Important dates

## Study dates 2022 (Cairns and Townsville)

### Teaching period one 2022 (Semester one)

Orientation (O Week)	14 - 18 February
Classes begin	21 February
Mid semester break	18 - 22 April
Classes end	27 May
Exam period	6 - 17 June

### Teaching period two 2022 (Semester two)

Orientation (O Week)	18 - 22 July
Classes begin	25 July
Mid semester break	26 - 30 September
Classes end	28 October
Exam period	7 - 18 November

For more upcoming events, please visit [jcu.edu.au/events](https://jcu.edu.au/events)

To register for a campus tour, please visit [experience.jcu.edu.au/campus-tours](https://experience.jcu.edu.au/campus-tours)



**RESPECT.  
NOW.  
ALWAYS.**

James Cook University values and celebrates the diversity of our community, and is committed to ensuring our learning and working environment is safe and welcoming.

JCU is proud to be part of the Respect. Now. Always. campaign – a national initiative led by Universities Australia to highlight our determination to ensure our students and staff are safe from discrimination and sexual harassment. Further information about the campaign and free services available for students can be found at [jcu.edu.au/sew](https://jcu.edu.au/sew)



## Our commitment to Australian Aboriginal and Torres Strait Islander peoples

James Cook University is committed to building strong and mutually beneficial partnerships that work towards closing the employment, health and education gap for Australian Aboriginal and Torres Strait Islander peoples.

Our students come from many backgrounds, promoting a rich cultural and experiential diversity on campus.

*We acknowledge the Aboriginal and Torres Strait Islander peoples as the Traditional Custodians of the Australian lands and waters where our staff and students live, learn and work. We honour the unique cultural and spiritual relationship to the land, waters and seas of First Australian peoples and their continuing and rich contribution to James Cook University (JCU) and Australian society. We also pay respect to ancestors and Elders past, present and future.*



Kassandra Savage (JCU Alumni),  
'Coming Together and Respecting Difference',  
acrylic on canvas, 2014, 90cm x 90cm.

This publication is intended as a general guide for domestic students only. Prospective domestic students and all international applicants should contact the University to confirm admission requirements and the availability of courses.

Information is correct at the time of printing. James Cook University reserves the right to alter any course or admission requirement without prior notice.

CRICOS Provider code 00117J.



# JCU Cairns

*Study in some of the most interesting places on Earth. Explore unrivalled research locations and access World Heritage listed natural environments. Learn in state-of-the-art facilities at Nguma-bada campus, Smithfield and Bada-jali campus, City. Build valuable professional networks while developing the skills and knowledge to make a difference.*

*JCU Cairns, Nguma-bada campus, Smithfield is surrounded by rainforest-covered mountains and is close to the northern beaches.*



## JCU Cairns

Close to 3,000 students study at JCU Cairns, including approximately 335 international students. These students are immersed in a dynamic learning environment with opportunities available for study, work, and play. With academic staff committed to student support and success, and a careers team ready to assist both during study and after graduation, students at JCU Cairns have a world of experiences available to them. In addition, there is a large number of academic and sporting clubs on offer.

JCU Cairns, Nguma-bada campus, Smithfield is conveniently located 15 kilometres (9 miles) north of the city centre. Uniquely juxtaposed between urban settings and natural wonders, the campus is surrounded on three sides by rainforest-covered mountains and is close to the northern beaches. Students enjoy a tranquil learning environment due to the abundance of lush greenery and spacious areas.

Want to study in the heart of Cairns? Located in Cairns CBD, JCU Cairns, Bada-jali campus, City offers a range of flexible study, teaching, and meeting areas. It features North Queensland's first 'moot court' with e-court facilities providing practical training for law students. Access to videoconferencing and catering facilities in the boardroom gives staff and students opportunities to meet and network with businesses and the local community.

Studying in Cairns provides access to two World Heritage-listed natural environments – the Great Barrier Reef Marine Park and the Wet Tropics ancient rainforests. Students can develop specialised skills during field trips and expeditions to distinctive research locations.

The variety of natural wonders coupled with a tropical climate make Cairns an ideal place for active outdoor living. The city is a great base for exploring the nearby resort regions of Port Douglas and Mission Beach, the picturesque Atherton Tablelands, and outback Queensland.



Cairns city, overlooking Trinity Bay.

## Cairns fast facts

Cairns is a gateway to the Great Barrier Reef, the Wet Tropics rainforests in the Daintree National Park, the Atherton Tablelands, and the Gulf Savannah region, so you'll never run out of places to enjoy and explore.



### Climate

Wet season (November–May)

24°–32°C/75°–90°F

Hot, rainy and humid

Dry season (June–October)

17°–26°C/63°–79°F

Mild and dry

### Food

Easy access to an abundance of fresh local food and cuisines from around the world.

### Population

154,000 (city) 2,997 (campus)

### Transport

Bus to and from campus, car, bicycle (extensive network of bike tracks throughout Cairns), international airport.

### Places of worship

JCU's Multifaith Chaplaincy Centre is available as a free facility for you to practice your faith.

### Medical

On-campus dental clinic, as well as a hospital, medical clinics, psychology clinics, and more off campus.

### Campus

JCU Cairns, Nguma-bada campus, Smithfield, near the popular northern beaches and approximately a 20-minute drive from the city centre. Study facilities can also be accessed at the JCU Cairns, Bada-jali campus, City.

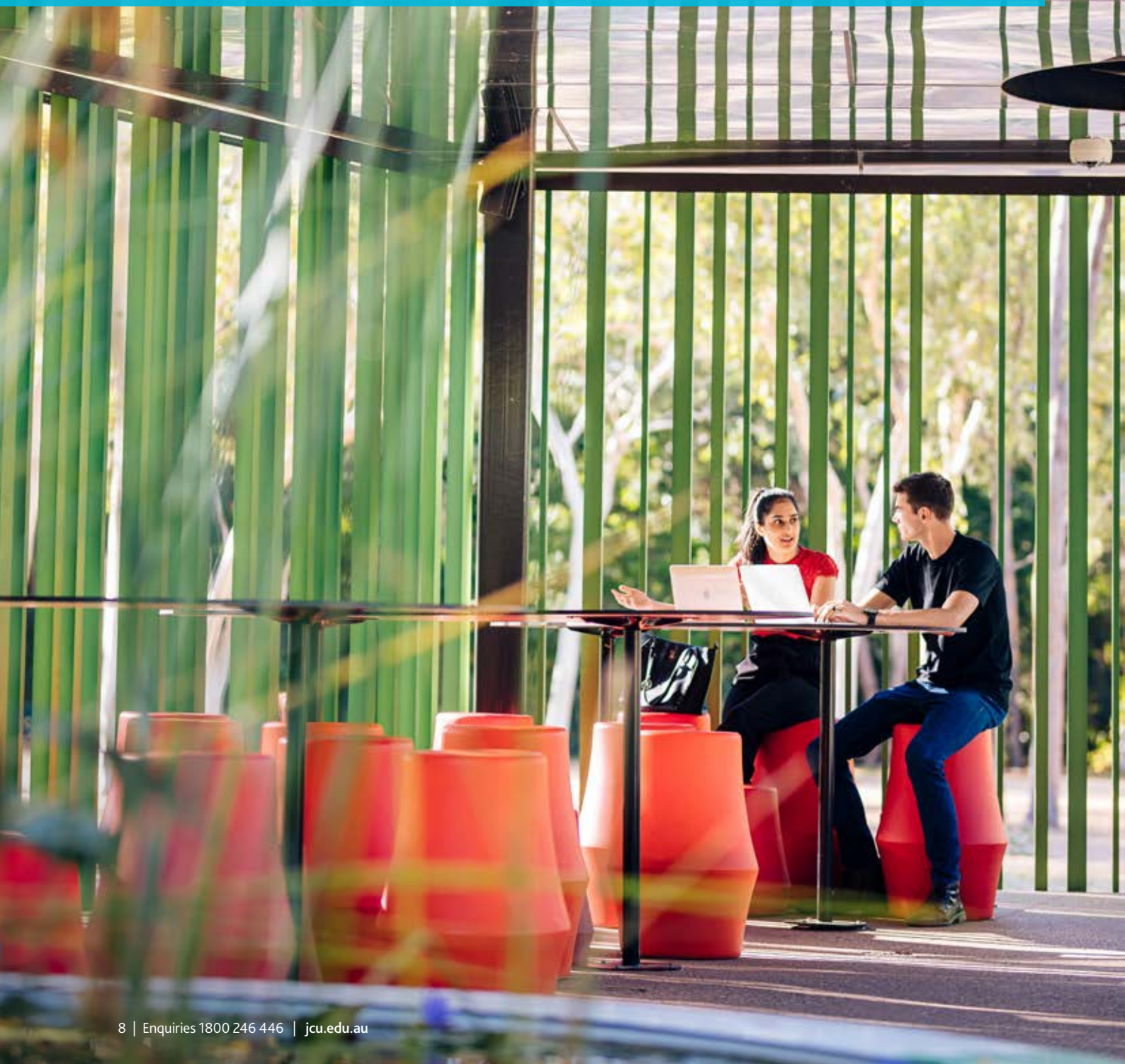
### On-campus sport

Gymnasium, basketball courts, sporting fields, and a world-class mountain bike track.



# JCU Townsville

*Study in a unique environment where world-class facilities, natural wonders, and vibrant student life come together. JCU Townsville is a teaching, research, and community hub with a range of state-of-the-art equipment and resources for you to make the most of your time at university across two campuses: Bebegu Yumba campus, Douglas and the City campus.*





## JCU Townsville

Students access exceptional teaching and research facilities at JCU Townsville. Develop professional skills, engage with peers, and learn from leading lecturers at JCU Science Place. The world-class facility features sophisticated teaching areas, collaborative lecture theatres, technology-enabled active learning spaces, and cutting edge research labs. Students can also access research facilities and learning support services at the Eddie Koiki Mabo Library. The library hosts exhibitions, providing opportunities to access and appreciate different artworks and artefacts. Students enjoy a rich social life and can join a range of clubs and societies. From sports through to culture, there is a club to suit any interest.

JCU Townsville, Bebegu Yumba campus, Douglas is surrounded by natural bush and parkland. The campus houses around 1,400 students in colleges and halls of residence. Over 13,000 students are part of the JCU Townsville community, including approximately 1,500 international students.

Immerse yourself in the heart of Townsville at the JCU Townsville, City campus. Located in Townsville's CBD and boasting a range of innovative spaces and state-of-the-art facilities, the City campus delivers services for the university, students, businesses, and community organisations.

Townsville is small enough to escape the hustle and bustle of big city life, but large enough to boast a range of facilities. Students can make the most of the great outdoors through rainforest hikes, mountain biking, and snorkelling or scuba diving on the Great Barrier Reef.



Townsville city, from Castle Hill, overlooking Cleveland Bay and east to Magnetic Island.

## Townsville fast facts

Townsville is Australia's largest tropical city and a thriving coastal port. Magnetic Island and the Great Barrier Reef are on Townsville's doorstep. The savanna region and outback country towns lie to the west. Townsville is famous for an average of 320 days of sunshine per year, so there are endless opportunities to enjoy the outdoors.



### Climate

Summer (December–February)

24°–32°C/75°–90°F

Hot and humid

Winter (June–August)

13°–26°C/56°–79°F

Mild and dry

### Food

Easy access to an abundance of fresh local foods and cuisines from around the world.

### Population

195,000 (city), 13,000 (campus)

### Transport

Bus to and from campus, car, bicycle, international airport.

### Places of worship

JCU's Multifaith Chaplaincy Centre is available as a free facility for you to practice your faith.

### Medical

On-campus hospital, medical clinic, psychology clinic, physiotherapy clinic, dental clinic, occupational therapy clinic, speech pathology clinic, exercise physiology clinic, and veterinary clinic.

### Banks

Westpac, Commonwealth Bank, and RediATM facilities on campus.

### Campus

JCU Townsville, Bebegu Yumba Campus, Douglas, Australia's largest university campus, approximately a 20-minute drive from the city centre. Study facilities can also be accessed at the Townsville City Campus.

### On-campus sport

Gymnasium, basketball courts, tennis courts, squash courts, netball courts, rugby and soccer fields, hockey fields, cricket pitches and swimming pool.



# JCU Singapore

*Prepare yourself for the global workforce in one of the most dynamic cities in the world. A constantly evolving city, Singapore is at the forefront of global health, technology, and economic advancement. JCU Singapore boasts cutting-edge facilities, collaborative learning spaces, and internationally-renowned lecturers to help you succeed every step of the way.*

[jcu.edu.sg](http://jcu.edu.sg)

## Climate

Dry season (March–August)

25°–32°C/77°–90°F

Wet season (September–February)

24°–32°C/75°–90°F

## Food

There is easy access to fresh fruit, vegetables, meat, and seafood. Singapore enjoys a large range of ethnic cuisines, as well as plenty of vegetarian, vegan, and halal options.

## Population

5.8 million

## Transport

Two MRT (train) stations are a 10-minute walk from campus, and there are three bus stops within short walking distance to the campus.

## Places of worship

A prayer room is available for students to use.

## Medical

On-campus facilities include the JCU Singapore Psychology Clinic. There is a hospital 15 minutes from the campus, as well as several medical clinics around the city.

## Sporting facilities

A wide range of sporting facilities are on campus, including a gymnasium, basketball and tennis courts, and a multi-purpose sports hall.



# JCU Research and Learning sites



## Brisbane

JCU Brisbane is a modern high-rise building located in the heart of Brisbane's Central Business District (CBD) on Queen Street. The campus has study and leisure facilities, including computer stations with high-speed internet and WiFi, as well as activity rooms. JCU Brisbane caters for international students studying undergraduate or postgraduate degrees in accounting, business, education, hospitality and tourism, or information technology.

## Mackay

JCU Mackay is co-located with the Mater Misericordiae Hospital in North Mackay. This unique location provides students with extensive hands-on learning and clinical experience at both the Mater and Mackay Base Hospitals, as well as with other clinical agencies.

JCU Nursing and Midwifery is a leader in regional, rural, and tropical healthcare sciences. The Bachelor of Nursing Science can be completed at JCU Mackay, and includes a science residential program in the first year of study at JCU Townsville. Small class sizes and personalised support from teachers fosters the development of compassionate and highly-skilled graduates.

## Mount Isa

JCU's Centre for Rural and Remote Health (CRRH) at Mount Isa, Murtupuni campus provides access to health education for the remote west region of Queensland. Become involved in a close-knit community in the Australian outback with all the facilities you need to make the most of your learning experience.

Study the nationally accredited Bachelor of Nursing Science course, or complete a placement. The centre facilitates research and education for rural, remote, and Indigenous health issues to help you gain rural experience like nowhere else. Learn in lectures delivered by experts all over Queensland, and connect with experienced local health professionals in tutorials.

The CRRH has lecture rooms, access to video conferencing, research facilities, a computer laboratory, and a procedural skills laboratory. A growing health services library makes it easier than ever to gain your qualification in this important remote location.

## Thursday Island

JCU is committed to research that improves the health of people and communities in the tropics worldwide. JCU's Australian Institute of Tropical Health and Medicine (AITHM) Clinical Research and Training Facility is one place that makes this commitment possible. Located adjacent to the Torres Strait Hospital on Thursday Island, AITHM is an important site for research, training, and community engagement.

The facility provides both teaching and learning facilities for JCU students, and a community space for engagement and collaboration with the Torres Strait community.

With over 300 members, AITHM comprises a broad range of laboratory scientists, multidisciplinary research teams, field scientists, and clinicians who deliver real-world scientific, social, and economic solutions. The AITHM delivers research outcomes that improve the efficacy of healthcare delivery and health outcomes for the communities of northern Australia and neighbouring tropical nations.

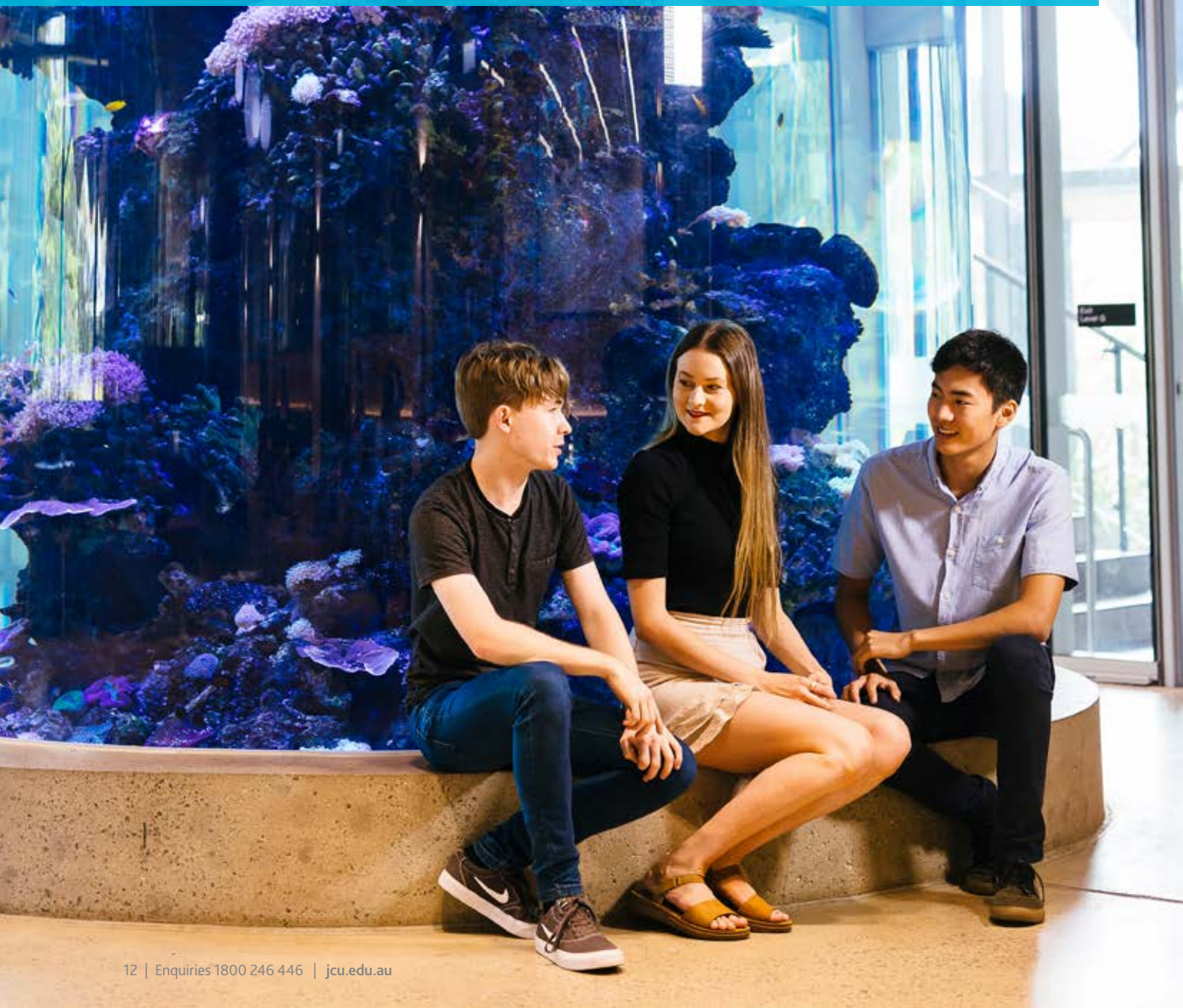
## Rockhampton

JCU Rockhampton is located in a modern high rise building in the heart of the city. Postgraduate students can access the facilities as part of JCU's GP Training Program. The JCU GP Training Program provides clinicians the opportunity to expand their scope of practice through working in private clinics and in hospitals where they'll gain experience treating a range of conditions in low resource settings.



# There's a place for you at JCU

*Your skills, passions and experiences matter. Whether you're a recent graduate or looking to return to study, there's a place here at JCU for you.*





## Early offer

If you're a Year 12 student, you have the opportunity to receive an early offer for a course based upon a recommendation from your school. You may be still required to meet all of the relevant entry requirements and subject prerequisites for the course. You'll also need to make sure you've listed JCU as your first preference in QTAC.

## How does it work?

Talk to your school Guidance Officer/Careers Adviser about wanting to study at JCU next year, and that you'd like to be considered for the Early Offer Program. They can assist you with the application to provide to your Principal for consideration.

To find out more, including the full list of courses included in the Early Offer Program, visit [jcu.edu.au/year-12/early-offer](https://jcu.edu.au/year-12/early-offer)

## Guaranteed Admissions Plan

Are you doing well at school, but worried you don't have the right prerequisites?

If you receive an ATAR of 90 and above, you are guaranteed entry into most JCU courses with all subject prerequisites waived.

An ATAR of 73 and above will guarantee you entry into most JCU courses, though you must meet the course subject prerequisites.

The Guaranteed Admissions Plan is open to all domestic and international applicants completing Year 12.

To find out more, including the full list of courses included in the Guaranteed Admissions Plan, visit [jcu.edu.au/year-12/guaranteed-admission](https://jcu.edu.au/year-12/guaranteed-admission)

## Adjustment factors

If you live in a particular area and/or are studying certain subjects, you may be able to have your ATAR adjusted.

For details about adjustment factors, please visit [jcu.edu.au/year-12/adjustment-factors](https://jcu.edu.au/year-12/adjustment-factors)

## Regional Preference Scheme

If you live in regional and remote areas of Queensland, you may be eligible to gain entry into JCU through an automatic adjustment of your ATAR by two bonus points. The Regional Preference Scheme is open to domestic applicants who live in regional and remote Queensland (postcodes 4306 through to 4895). The scheme can't be used for entry to postgraduate degrees, graduate entry programs, and courses with special application requirements.

The bonus points are automatically applied by QTAC at the time you are assessed. This means you don't need to apply for this scheme; we do it for you.

## Subject Adjustment Scheme

This scheme allows for an automatic adjustment for subjects requiring a high level of skill and knowledge that are successfully completed in high school.

The Subject Adjustment Scheme is open to all domestic and international applicants completing Year 12, and can't be used for entry to postgraduate degrees, graduate entry programs, and courses with special application requirements.

Adjustments are cumulative up to a maximum of ten (10) rankings and some exceptions apply.

The bonus points are automatically applied by QTAC at the time you are assessed. This means you don't need to apply for this scheme.

For details on which subjects are part of the scheme, visit [jcu.edu.au/year-12/adjustment-factors](https://jcu.edu.au/year-12/adjustment-factors)

## Special consideration for adverse circumstances

JCU participates in QTAC's Educational Access Scheme (EAS), which recognises applicants who have been educationally disadvantaged due to: financial hardship, home environment and responsibilities, English language difficulty, personal illness and disability, or educational disruption.

This scheme is open to domestic applicants who apply through QTAC, but does not apply to courses with special application requirements.

Applicants apply for this scheme through QTAC.



# Your dream career starts with JCU

*Your world-class education begins here. JCU graduates are able to apply technical competencies, while thinking critically about the challenges facing the world. You'll be equipped with the expert knowledge and job-ready skills to stand out in your chosen career path. Field trips and practical placements are just some of the real-world experiences on offer at JCU.*

## Gain professional experience

Kickstart your career through study incorporated with real-world experience. JCU students take part in a wide range of hands-on experiences that are informed by industry best practice.

Benefit from JCU's strong industry connections that provide field trips, clinical placements, practicums and internships across all fields of study. For example, business students complete Work Integrated Learning (WIL) that includes internships and work-based projects; marine science students use advanced marine technology to conduct on-location research around the Great Barrier Reef; and medical students will complete up to 4,000 hours of supervised clinical placement opportunities.

Graduate job-ready with a strong resume. JCU's placement opportunities prepare you to transition into the workplace with the practical skills and knowledge necessary to succeed.

[jcu.edu.au/placements](http://jcu.edu.au/placements)

## Kickstart your career

Want to know what steps will lead you to your dream career? JCU's Careers and Employability service is available online and on campus, boosting students' employability both during study and after graduation. Let us help you with career advice, resume tips and links to potential employers. Stand out from your competitors with Big Interview, an online resource that combines training and practice to improve your interview techniques and confidence.

[jcu.edu.au/careers-and-employability](http://jcu.edu.au/careers-and-employability)

## Go global

Enhance your employability and prepare for a global workforce by studying overseas. JCU has partner universities in more than 20 countries across Europe, Asia, the Pacific, and the Americas. Challenge yourself – you'll be rewarded with rich cultural experiences, unique skills, and lifelong memories.

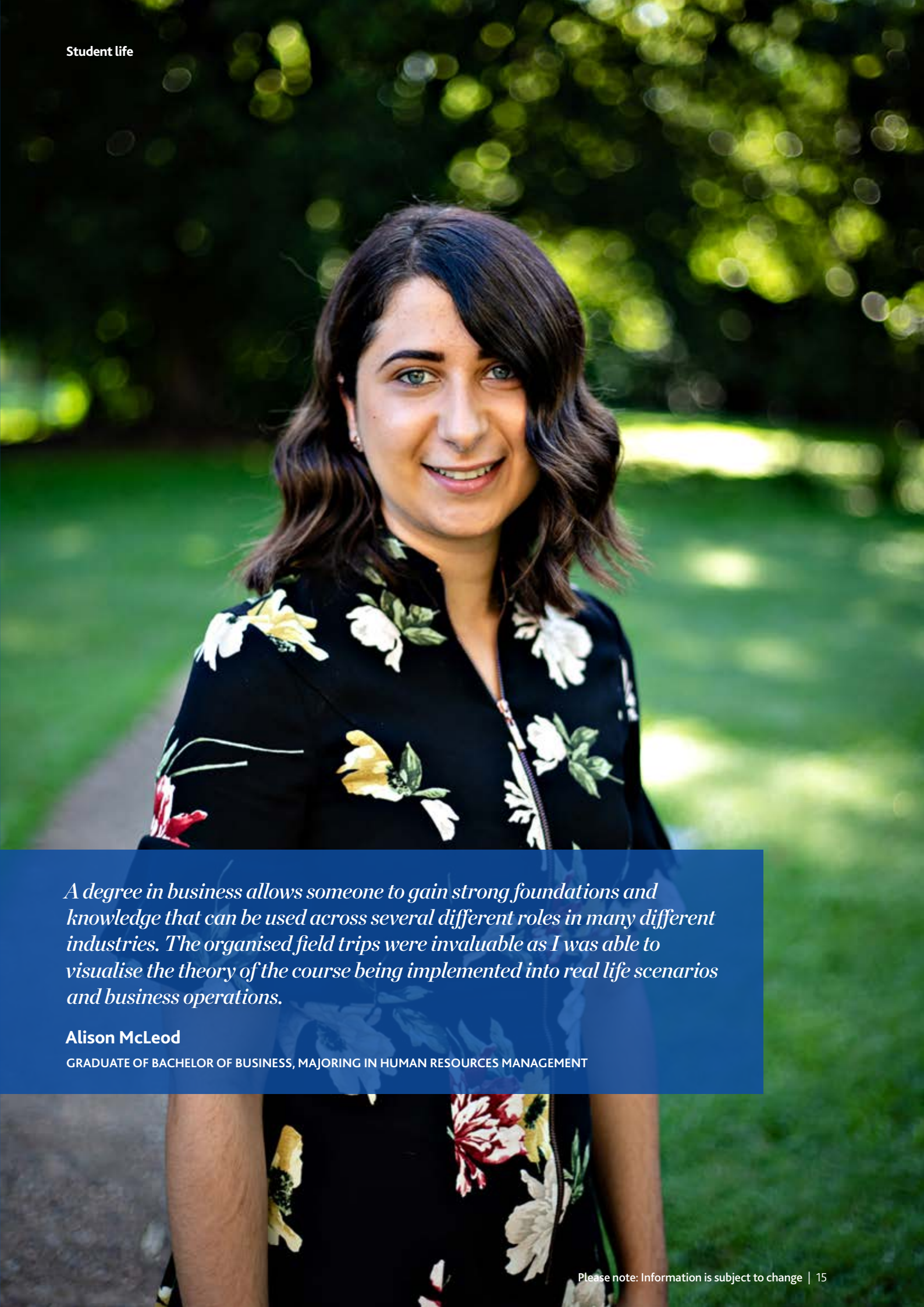
[jcu.edu.au/global-experience](http://jcu.edu.au/global-experience)

## Volunteering

Spruce up your resume with a range of JCU's extracurricular volunteering opportunities. From working to protect the environment to assisting at events and mentoring students, there is a volunteering opportunity to suit you. Not only will you make a valuable difference to the community, you'll have fun, gain work experience, and network with like-minded people and professionals.

[jcu.edu.au/volunteering](http://jcu.edu.au/volunteering)





*A degree in business allows someone to gain strong foundations and knowledge that can be used across several different roles in many different industries. The organised field trips were invaluable as I was able to visualise the theory of the course being implemented into real life scenarios and business operations.*

**Alison McLeod**

GRADUATE OF BACHELOR OF BUSINESS, MAJORING IN HUMAN RESOURCES MANAGEMENT



# JCU campus life

*Experience the best of student life, including a vibrant social community in the most interesting and beautiful locations in the world. Join clubs and societies, meet like-minded people, and make lifelong friends. Pursue your interests or try something new – you never know where campus life will take you!*

[jcu.edu.au/student-life](http://jcu.edu.au/student-life)





## Orientation Week

Kick start university life with Orientation Week (O Week). Familiarise yourself with the campus, meet other students, get to know your lecturers and tutors, and attend information sessions. The JCU Orientation Program runs over six weeks, from the week before O Week until Week 4. Get pumped and ready for the year ahead!

[jcu.edu.au/getready4uni](http://jcu.edu.au/getready4uni)

## Student Association

The JCU Student Association (JCUSA) is your first stop for getting involved with student life. Become a JCUSA member to have fun, meet a variety of people, and be invited to social events throughout the year. You'll find a community to connect with by joining one of our many clubs and societies, from social and academic societies to sports, cultural, and religious clubs. JCUSA is also here to care for you during your time at university, with support and free independent advice available for all students.

[jcusa.edu.au](http://jcusa.edu.au)

## TropEco: Sustainability in Action

Passionate about sustainability and the environment? Make a difference with TropEco! Collaborate with like-minded people to help create a culture of sustainability at JCU. Volunteer in a range of activities, from running campaigns to maintaining on-site community gardens. You can also apply to intern at TropEco and gain valuable skills and work experience.

[jcu.edu.au/tropeco](http://jcu.edu.au/tropeco)

## Learn from the best

Want to gain an edge in your first semester? Get a student mentor! The JCU Student Mentor Program helps to match experienced student mentors with new undergraduate students from the same course of study during O Week. Student mentors are passionate about sharing their knowledge and helping students succeed in their first semester. Having a mentor will increase your success rate by up to 17 per cent, so don't miss out!

[jcu.edu.au/mentor](http://jcu.edu.au/mentor)

## The Learning Centre

Need some academic assistance? JCU is here to help. The Learning Centre provides academic learning development and self-help resources, both online and on campus. Whether you need study tips, numeracy and basic statistics development, or help with academic reading and writing, The Learning Centre can help. If English is your second language, develop your language skills for studying at university by attending one of our workshops or online programs.

[jcu.edu.au/learning-centre](http://jcu.edu.au/learning-centre)

## Library services

Study smarter, not harder. The JCU Library offers a range of resources and services to help you succeed. You'll have 24/7 access to a comprehensive range of online resources that assist with research, referencing, and basic library enquiries. On campus, check out our comfortable zoned study areas, and make use of the free WiFi, computers, printers, and 3D printing. Need help? Assistance is available in person during our extensive library opening hours, or online via our chat service.

[jcu.edu.au/library](http://jcu.edu.au/library)



## Your health and wellbeing

Discover how JCU can help you outside of the classroom. Put your mind, body, and soul first with our free and confidential wellbeing services. Counselling and wellbeing staff are here to support you through social, emotional, welfare, and personal issues. AccessAbility services are available if you have a temporary or permanent injury, illness, or health condition that will impact on your study. JCU also has a multi-faith chaplaincy that offers a diverse range of services to the community.

[jcu.edu.au/sew](http://jcu.edu.au/sew)

## Careers and Employment

Need a part-time job while you study? JCU's Careers and Employability service is available online and on campus, connecting students to part-time and casual employment, vacation jobs, and volunteering opportunities. You can also find career advice and planning, resume tips, and links to potential employers. Plus, stand out from your competitors with Big Interview, an online resource that combines training and practice to improve your interview technique so that you can job seek with confidence.

[jcu.edu.au/careers](http://jcu.edu.au/careers)

## Looking for financial support?

Don't let finances stop you from achieving your goals. From payment deferrals to scholarships, JCU has a range of financial support options to help you with the costs of studying.

[jcu.edu.au/students/fees-and-financial-support](http://jcu.edu.au/students/fees-and-financial-support)

## Do you need childcare?

A range of convenient childcare options are available at each campus. JCU Townsville has two childcare facilities on campus. JCU Cairns and Singapore have multiple childcare centres located near the campus and in surrounding suburbs.

[jcu.edu.au/students/support/childcare-and-schooling](http://jcu.edu.au/students/support/childcare-and-schooling)

## Are you an elite athlete?

SStudy and play. Combine your elite sporting ambitions with academic excellence. JCU is a member of the national network of the Elite Athlete Friendly Universities (EAFU). Access support and flexibility to achieve success on the sporting field and in class.

[jcu.edu.au/elite-athletes](http://jcu.edu.au/elite-athletes)



# JCU Accommodation

*Study and live in some of the most interesting places in the world. Cairns and Townsville are on the doorstep of the Great Barrier Reef, magnificent rainforests, the savanna region, and Outback Australia. Whether you need somewhere to stay for a block-mode subject or for the duration of your course, there are a range of options available at JCU.*

## Living on campus

Living on campus is a great way to make the most of your time at JCU. There are five different accommodation options at JCU Townsville, Bebegu Yumba campus, Douglas, with a brand new 403-bed complex. There are two options in Cairns, including a 300-bed complex at JCU Cairns, Nguma-bada campus, Smithfield. With housing for 1,700 students, living on campus is a great opportunity to make new friends and immerse yourself in the JCU culture.

All rooms at our on-campus residences are single board, with a bed, study desk, chair, fan, air-conditioning and WiFi. Each residence is different in regards to style of living, culture and atmosphere. There are options for fully-catered or self-catered housing. You can take virtual tours of each residence at [jcu.edu.au/accommodation](http://jcu.edu.au/accommodation)

Living on-campus is so much more than just a room. It is a safe, secure and fun way to transition into university life. Each of our residences provides academic, wellbeing and social support.

Your safety and security are a priority. Each bedroom has an individual lock that only you and our staff can access. After-hours access to any buildings on residence can only be accessed by residents living there. We have CCTV cameras throughout the buildings. JCU Security are on campus and patrol the grounds 24/7, and are able to escort you back to your residence if you are studying late at night.

Relocating to attend university is a big thing. Our on-campus team are here to support you through your transition to university life. They are there to talk to you when you need support, check on you to ensure that you are coping OK, and make sure that your health and wellbeing are on track for you to achieve your academic goals. To assist with your studies, you can form study groups and our team are able to provide academic support.

One of the most important things when you are moving somewhere new is making new friends to share your experiences with. Isolation and loneliness can have a significant impact on your mental health and academic success. During your first week on campus you will complete an orientation process. This is your opportunity to meet new people, and to learn about on-campus facilities, support resources and local amenities such as public transport, shops and medical services. There are lots of fun social activities happening all year round including movie nights, sporting events, international festivals, outings and musical showcases.

Applications to live on campus are now open. You can apply for on-campus housing at [jcu.edu.au/accommodation](http://jcu.edu.au/accommodation)



## Living off campus

Off-campus housing can come in the form of sharing a house with other students, purpose-built student accommodation or renting an entire property.

Before committing to a property or room off-campus, please be sure to:

- Check what you are getting is part of your lease. Even though images show the property with furniture, they may have been put there for marketing purposes only.
- Check the dates and length of time you are committing to. You will be signing a legal document, which you may not be able to break because you have changed your mind.
- Check the location of the property to the proximity to the University campus, bus stops and amenities.

Please don't hesitate to contact the JCU Accommodation team for any support, or to answer any questions you have in relation to the property or location you are considering living in during your time at JCU.





New JCU Townsville on-campus accommodation opening in 2022  
Scan the QR code for a flythrough of the new facility

## Homestay

A homestay is when you are matched with a family in the local area to live with. All homestay hosts have been screened by JCU's homestay provider, and are required to undergo training in order to provide a high level of service and comfort to the student. More information is available at [www.jcu.edu.au/accommodation/off-campus/homestay](http://www.jcu.edu.au/accommodation/off-campus/homestay)

## Transport

Both JCU Townsville and JCU Cairns are located about 20 minutes from the airport. Buses don't run from the airports, however taxis and rideshare companies are available. A bus from the centre of town to each University campus will take about 30 minutes. Buses run regularly. You can view the timetables at [sunbus.com.au](http://sunbus.com.au)

## Further information

[jcu.edu.au/accommodation](http://jcu.edu.au/accommodation)  
accommodation@jcu.edu.au  
T 07 4781 4148  
T (International) +61 7 4781 4148



*"I love living at Uni Hall! It's so close to campus that I don't have to worry about a big commute in the mornings to get to class. It's also a great social environment, with lots of activities to do and people to meet. Everybody here is so welcoming and nice, and it makes for a great atmosphere to live in. I've definitely made a ton of close friends while living on college, and it's a great experience that I'd recommend to all students!"*

**Akruthi Vijayalakshmi Balaji**

STUDYING BACHELOR OF MEDICINE, BACHELOR OF SURGERY





# Indigenous Education and Research Centre

*The team at the Indigenous Education and Research Centre (IERC) are here to support you from the time you start thinking about studying right through to graduation and beyond. We offer a range of services and facilities in encouraging environments to empower you to achieve success.*

## Preparatory Programs for High School students

### Winter School for Australian Aboriginal and Torres Strait Islander students

If you are an Indigenous student in Year 10, 11, or 12 and want to know what it's like to be a uni student at JCU, this program is for you. Over five days, you can live on campus and take part in an interactive program that includes attending lectures, and sporting and cultural activities. The IERC covers all travel and accommodation costs related to participating in this program.

### Summer Pre-Program

The Summer Pre-Program is an intensive preparation program for prospective Indigenous students. Students participating in the program take part in academic lectures, tutorials and team-building activities. The IERC covers all travel and accommodation costs related to participating in this program.

## Indigenous Student Support Services

The IERC has dedicated facilities on the JCU Cairns, Nguma-bada campus and JCU Townsville, Bebegu Yumba campus to help you reach your full potential. You can access individual mentoring, professional development opportunities, study sessions and free tutoring. The IERC facilities and computer labs are open all day, every day and are secured and monitored spaces.

During your studies, we will strive to help you become an independent learner. We can help you develop ways to meet academic demands and expectations, build strategies, and stay motivated. Think of us as family.

### Dedicated Staff

The JCU Indigenous Student Support Advisors support you throughout your degree by offering encouragement, advice and information on accommodation options, financial services, scholarships, health and wellbeing.



JCU Indigenous Academic Support Advisors help you with academic coaching, develop strategies to identify areas of improvement, and help you stay motivated to succeed and progress through your degree.

### Tutorial Assistance

As an Indigenous student you can access free individual tutoring, specific to your studies, throughout your degree. You will be matched with a tutor who is an expert in their field, and you can be coached at a time and place that suits you. Tutoring is a great way to improve grades, refresh content, or prepare for exams.

### Join our Family

Going to university is not only about study. Our informal gatherings and lunches are great places to meet staff and other students. Our biggest event is the JCU Indigenous Students' Awards Night, a formal occasion for celebrating with families, peers, community members, industry partners, and government bodies. The annual Awards Night is a time to recognise students for their hard work and dedication, as well as awarding bursaries and certificates for their achievements.

### Pathways to Study

If you don't have the formal academic qualifications to meet the prerequisites for your chosen course, don't stress. You can enter one of our JCU pathway programs and start your journey at university. Refer to page 24 for more information on pathway options.

### Contact us

For more information jump on our website: [jcu.edu.au/ierc](http://jcu.edu.au/ierc)

Email us at: [ierc@jcu.edu.au](mailto:ierc@jcu.edu.au) or give us a call:

JCU Townsville, Bebegu Yumba campus: (07) 4781 4676

JCU Cairns, Nguma-bada campus: (07) 4232 1046





*“The journey with JCU is just awesome. It is one of the best things that’s ever happened in my life. I really thought that I wasn’t good enough but actually going to university and getting the support that I did from JCU and the Indigenous Education and Research Centre has just done me wonders.”*

**Sariba Bin-Garape**

BACHELOR OF ARTS GRADUATE

## Study with Us

### IERC majors and subjects

Indigenous Studies orients students to engage Indigenous ideas in a rapidly changing world. Across eight subjects, students explore Indigenous People of Place, People of Knowledge, and People of Science. You will learn about the everyday realities, experiences and knowledges that are shared and shaped by Indigenous people, communities and ideas. Our students graduate ready for a rapidly changing world of work and with a disposition to always be a learner of the living world.

You can take Indigenous Studies as a major or minor in the Bachelor of Arts, or enrol in individual subjects as electives in any course.

#### IA1011 - INDIGENOUS AUSTRALIANS

This subject focuses on the continuity of Australian Aboriginal and Torres Strait Islander people, knowledge and traditions across time and place and explores Aboriginal and Torres Strait Islander peoples' traditional understanding of their place in the world.

#### IA1012 - INDIGENOUS PEOPLE OF NORTH QUEENSLAND

This subject focuses on the continuity of the Indigenous peoples' presence in North Queensland and introduces students to the diversity of Aboriginal and Torres Strait Islander people in our region, their traditional relationships to country and to each other.

#### IA2022 - ABORIGINAL AND TORRES STRAIT ISLANDER PEOPLE AS COLONIAL SUBJECTS

This subject examines how Aboriginal and Torres Strait Islander people were re-constituted as colonial subjects and introduces the thinking that underpinned colonial rationales.

#### IA2023 - INDIGENOUS CONTINUITY: AGENCY, ADAPTATION AND RESISTANCE

This subject explores Indigenous people's history of adaptation to change and resistance to oppressive colonial forces, through investigating significant Aboriginal and Torres Strait Islander defensive actions, petitions, protests, legal challenges, and more.

#### IA2030 - COMPARATIVE INDIGENOUS STUDIES

This subject focuses on the similarities and differences in Indigenous peoples' experiences of colonisation in selected countries and the resultant impact, and Indigenous peoples' agendas for change and pursuit of restorative justice.

#### IA3024 - INDIGENOUS NARRATIVES IN THE CONTEMPORARY ERA

This subject engages in deeper analysis of the complexity of the contemporary Indigenous position by examining the goals and conceptual basis of some major narratives of the post-1967 era.

#### IA3025 - NAVIGATING COMPLEX KNOWLEDGE INTERSECTIONS

This subject examines the complex entanglements of Indigenous and Western systems of thought, knowledge, and standpoints engaged in scholarly efforts to understand Indigenous people's contemporary position and policy and practical efforts to bring about change in Indigenous Australians' lives.

#### IA3030 - NAVIGATING THE CULTURAL INTERFACE

This subject examines the complex entanglements of Indigenous and Western systems of thought, knowledge, and standpoints engaged in scholarly efforts to understand Indigenous people's contemporary position, policy and practical efforts to bring about change in Indigenous Australians' lives.

### Master of Philosophy (Indigenous)

Once you have completed your Bachelor degree, you may be eligible to enrol in a research pathway.

The Master of Philosophy (Indigenous) offers an innovative approach to research education, combining structured intensives with a cohort model.





# Investing in your future

## Admissions

JCU is committed to providing pathways and opportunities for all students, and creating a brighter future for life in the tropics.

As the leading higher education institution in North Queensland, JCU has a central role in education opportunities and research outcomes throughout the region. JCU graduates and their work shape future decisions for communities, and many students come from rural, regional, and remote areas.

JCU seeks to admit students from all parts of Queensland, as well as other states and countries, who aspire to create opportunities and enduring, sustainable benefits for our region and beyond. Academic achievement, creative endeavours, and commitment to community are important to our students. They are diverse, respect one another, and are eager to contribute as scholar-citizens.

### ADMISSIONS TRANSPARENCY

The Australian Government introduced a requirement for all higher education institutions to make data on their undergraduate admission cohorts available to the public each year starting from the 2018 admission period.

This information is intended to help potential undergraduate students understand the courses available to them, the typical student cohort each year, and specific admission requirements.

For more information, visit [jcu.edu.au/admissions-transparency](http://jcu.edu.au/admissions-transparency)

Consult the JCU course-specific guide for specific admissions information about your degree, essential requirements for admission, admission criteria, how to apply, advanced standing, and a student profile.

For any questions relating to the information or data available, contact the Admissions team at [admissions@jcu.edu.au](mailto:admissions@jcu.edu.au)

## Fees

Study fees can be intimidating, but JCU is here to help. You can pay all or part of your fees upfront or, if you are eligible, you may defer payment of your course fees through the HELP scheme. The JCU Student Centre team can help you find out what financial support options are available, including the HECS-HELP and FEE-HELP loan schemes.

Each unit of study is classified into a student contribution band, depending on the study area of the unit (this may be different from the study area of your course). Annual tuition fees equate to 24 credit points. Tuition fees may increase each year. For the latest information, please visit [www.studyassist.gov.au](http://www.studyassist.gov.au)

Band	Study area	Per subject <sup>1</sup>	Maximum amount per year <sup>2</sup>
4	Law, accounting, economics, management, commerce, social studies, political science, justice, behavioural science (except PG clinical psychology and professional pathway psychology and social work), communications	\$1,812	\$14,500
3	Medical, dental, veterinary science	\$1,412	\$11,300
2	Allied health, other health, architecture, IT, creative arts, engineering, environmental studies, science, professional pathway psychology, professional pathway social work	\$993	\$7,950
1	Teaching, postgraduate clinical psychology, English, maths, nursing, languages, agriculture	\$493	\$3,950

<sup>1</sup> (3 credit points) <sup>2</sup> (24 credit points)

For students who commenced on or after 1 January 2021.







### STUDENT SERVICES AND AMENITIES FEE (SSA FEE)

The Student Services and Amenities Fee (SSA Fee) improves services and facilities for students. Your fee statement and tax invoice can be found via your eStudent account, as well as the due date and how to pay.

You may be eligible to defer payment of your SSA Fee with a SA-HELP loan.

### INCIDENTAL FEES

You may need to purchase items or pay for activities relating to your course. These purchases are not covered by your tuition fees. Compulsory purchases can include software, accommodation for placement, travel, and technology such as a laptop. A benefit of studying at JCU is that living expenses in Cairns or Townsville are often more affordable than living in a capital city.

## Financial support

Don't let fees stand in the way of your future. Financial support options help with the cost of studying. You may be able to defer payments, get a loan, or receive government assistance.

### HECS-HELP LOAN

HECS-HELP is a Commonwealth Government loan program designed to defer payment of subject fees. You will have to repay your loan once you begin earning an income above the compulsory repayment threshold.

HECS-HELP is available to Australian citizens, permanent humanitarian visa holders, and some New Zealand citizens. Students must have a Commonwealth supported place (CSP) to be eligible.

### FEE-HELP LOAN

FEE-HELP is a government loan program similar to HECS-HELP. However, students do not have to have a CSP to be eligible for FEE-HELP. You must be an Australian citizen, a permanent humanitarian visa holder, or a New Zealand citizen who meets certain criteria.

Trained overseas professionals who want to undertake bridging study at JCU and have met specific eligibility criteria can also apply for FEE-HELP. You will have to repay your loan once you begin earning an income above the compulsory repayment threshold.

### OS-HELP LOAN

An OS-HELP loan is administered by the Australian Government to allow students to study part of their course overseas. Students may receive up to two OS-HELP loans, and may also receive a supplementary loan to study the language of their host country.

Students must have a CSP and meet the eligibility criteria. The loan amount will be added to your accumulated HELP debt.

## Scholarships and financial aid

### SCHOLARSHIPS AND GRANTS

You don't have to face your fees alone. Explore the range of financial support available to JCU students. Scholarships, bursaries, and grants are offered to assist financially, and we have a variety of options for students starting their first degree at JCU.

JCU offers many scholarships and grants. Government departments and industry groups also offer external scholarships. JCU administers the Commonwealth Scholarship Program for Australian Aboriginal and Torres Strait Islander students on behalf of the Australian Government. These scholarships support Indigenous students to have improved access to higher education. Find out more at [jcu.edu.au/scholarships](http://jcu.edu.au/scholarships)



# Pathways to JCU

## Haven't studied for a while?

In just one semester you can get university ready with academic skills, confidence, and know-how—for free. If you didn't finish high school, haven't studied for a while, or you're not confident learning online, the Tertiary Access Course (TAC) will set you up to thrive at university.

Experienced and friendly staff will show you the ropes in small classes. Start your degree feeling cool and in control. Essential IT skills will prepare you to focus on your study, not on computer problems.

Learn about life at university without paying fees. This course can be completed in one semester full-time, or study part-time for more flexibility.

What it offers	What you gain
A free, one-semester (14 weeks) full-time course (part-time available)	Knowledge about university life without having to pay the fees
Small class sizes	Improved academic skills, including computing and IT knowledge
Advice and support from staff before and during the course	Confidence to study at university

## Fast-track your transition

The Diploma of Higher Education is a stepping stone between your current qualifications and your chosen Bachelor degree. With coursework designed to prepare you for university and credits that can count toward your chosen degree, you will gain a recognised qualification and entry into your chosen degree in just one year.

Complete first-year subjects and gain course credits to fast-track your undergraduate degree. The induction program will aid your transition to university and staff will provide you with advice and support throughout your course. Enter your undergraduate degree with a head start in course credits, confidence, and composure.

If you apply for a course through QTAC, you may receive a Packaged Offer. A Packaged Offer provides you with a pathway to study your chosen degree, even if you don't have the prerequisites. A Diploma of Higher Education is the first phase of the package and is a way to smoothly transition from beginning university study through to starting a Bachelor degree.

### AVAILABLE STUDY AREAS

- Business
- Business Studies
- Education
- Engineering and Applied Science
- General Studies
- Health
- Information Technology
- Psychological Science
- Science
- Social Work
- Society and Culture

What it offers	What you gain
One-year full-time study (part-time available)	A recognised qualification
Preparatory and first-year subjects	Entry to many JCU Bachelor's degrees
Advice and support from staff before and during the course	Additional credit from subjects
Induction program to support transition to university	Relevant skills and knowledge for your degree
Tailored study plans to suit specific undergraduate degrees	A confident grasp on the requirements of university study

## QTAC Packaged Offers

Secure a place in your preferred Bachelor's degree while completing prerequisites and receiving the support of a pathway course. A packaged offer is a combination of two or more offers that includes a pathway course followed by a Bachelor's degree. Students who successfully complete the pathway course, for example the Diploma of Higher Education, will then transition to a guaranteed place in their degree. For more information and to view the packaged offers available, visit [jcu.edu.au/qtac-packaged-offers](http://jcu.edu.au/qtac-packaged-offers)

## Bridging Subjects

If you don't meet the prerequisites for your preferred course, bridging subjects can fill the gaps in your knowledge. You can check these on the course page of the JCU website.

You can study mathematics and chemistry bridging subjects on campus at JCU Cairns and JCU Townsville.

Find out more at [jcu.edu.au/pathways-to-university/maths-and-chemistry-preparatory-and-bridging-subjects](http://jcu.edu.au/pathways-to-university/maths-and-chemistry-preparatory-and-bridging-subjects)



*"I'm so happy that I went for the Diploma of Higher Education as it better prepared me for study. The lecturers and tutors have been so approachable, and the coursework has been designed to support your entry to academia."*

**Rebecca Ottone**

DIPLOMA OF HIGHER EDUCATION STUDENT

Please note: Information is subject to change



# Information for parents and carers

## The first weeks at Uni

The first weeks are exciting and busy. There is so much for new students to do, see, learn, and remember.

University will be a very different environment for those coming from a school or workplace background. Tertiary students are adult learners and are expected to manage their study responsibilities accordingly.

## Typical university week

The key to succeeding at Uni is time management. Students can get the most out of their degree by allocating a minimum of 10-12 hours per week for each subject. They can maximise the 25 per cent of their time spent in face-to-face classes by using the other 75 per cent on independent study to prepare them for their lectures and tutorials.

This self-directed study will include academic reading, reviewing notes, completing tutorial exercises, group study, as well as assignment and exam preparation. A weekly planner as well as a study period planner are great tools that students can use to stay on top of their study. Students can download templates for these from The Learning Centre.

## Top tips to help your child

### PLAN FOR SUCCESS

Encourage your child to attend all classes and create a weekly and semester study plan to reduce stress and stay on track. Remind them to ask questions, especially in the first few weeks.

### ORGANISE A STUDY SPOT

Create a space where your child can leave textbooks open and notes arranged, without having to pack up whenever they finish studying. A quiet place with good lighting and a comfortable chair is ideal.

Encourage them to use the JCU Library, which is open seven days a week during teaching periods and offers inviting learning and social spaces.

### BE FLEXIBLE WITH FAMILY COMMITMENTS

There are times in the academic calendar when students really need to focus on their studies and forego some other activities.

You can support them by trying to arrange holidays and celebrations to coincide with 'quiet' times in the academic year, such as between teaching periods. Expect your child to devote more time to their studies when assignments are due and during the exam period.

### MAKE USE OF JCU'S SUPPORT SERVICES

JCU has a range of services available to support student success and wellbeing. Academic support, wellbeing and counselling, AccessAbility, careers and employment, and mentoring services are all available at no cost. If you or your child have concerns, seek information or advice from a relevant student support service, or visit [jcu.edu.au/support](http://jcu.edu.au/support)

### ENCOURAGE THEM TO PARTICIPATE IN UNI ACTIVITIES

Meeting new people — students, academics, and other JCU staff — will help your child develop valuable support networks and a sense of belonging. These contacts can be helpful when challenges arise, as well as for work experience and professional opportunities. View information about student clubs and other activities at [jcu.edu.au/student-life](http://jcu.edu.au/student-life)

### PREPARE YOUNG ADULTS FOR LIVING AWAY FROM HOME

Check that they have a Medicare card, a Tax File Number, Health Care card, personal bank account, and relevant phone apps for maps and public transport. A driver's license and a certified copy of their birth certificate are also useful as extra ID.



*"I initially enrolled in a Bachelor of Law, but eventually found my niche studying a Bachelor of Arts and am now happy in the direction I'm taking. If you are struggling to keep up with the workload or are unsure of how to approach certain assignments, JCU offers a lot of resources to help you. Don't be afraid to ask for help and it's best to ask early to avoid wasting precious time."*

**Madilyn Beplate**

BACHELOR OF ARTS

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*"Some advice I would give to parents is to regularly communicate with your child and encourage them to share their successes and challenges with you. I would encourage students to become active members of the university community. This active participation can bring many rewards, including getting to meet new people and developing valuable support networks."*

**Kathryn Beplate**



# Apply to study at JCU

*Wherever you're at in your study or career – whether you're leaving school, looking to progress in your career, upskill, or change your path entirely – there's a place at JCU for you.*





## Choosing your course and applying

### 1.

#### How to apply

Once you've decided which course you wish to study, you can start the application process.

Applications for courses commencing in 2022 open in August 2021. Most courses commence in February 2022, but many courses also commence at other times throughout the year.

##### For full information on courses and how to apply

[jcu.edu.au/applying-to-jcu](http://jcu.edu.au/applying-to-jcu)

Apply through Queensland Tertiary Admissions Centre (QTAC). You can choose up to six courses for your QTAC application, which you order according to your preference. Find out more about preferences at [qtac.edu.au/applying/apply-here/preferences](http://qtac.edu.au/applying/apply-here/preferences)

##### SPECIAL DEADLINES/APPLICATIONS

The JCU courses listed below require an additional application that you must send directly to JCU.

- Bachelor of Dental Surgery
- Bachelor of Medicine, Bachelor of Surgery\*
- Bachelor of Veterinary Science

##### Application deadline: 30 September 2021

Download the additional application forms at [jcu.edu.au/division-of-tropical-health-and-medicine/application-forms](http://jcu.edu.au/division-of-tropical-health-and-medicine/application-forms)

\*Shortlisted applicants are also required to attend an interview

### 2.

#### Accept your offer

Once your application is assessed and approved, you'll receive an offer via email.

Offers are made periodically in line with QTAC offer rounds. You can check the status of your application at

[applications.qtac.edu.au](http://applications.qtac.edu.au)

##### ONCE YOU RECEIVE YOUR OFFER:

1. Log in to your application at [applications.qtac.edu.au](http://applications.qtac.edu.au)
2. Accept your offer
3. Click on 'Enrol at JCU Now' to activate your offer

### 3.

#### Welcome to JCU

Once you have accepted your offer, you can finalise your enrolment at [jcu.edu.au/new-students](http://jcu.edu.au/new-students)

Explore the range of support services and learning resources, and to find helpful tips for your transition to uni, at [jcu.edu.au/getready4uni](http://jcu.edu.au/getready4uni)

JCU advisors can guide you through your new student experience.

To talk to a JCU advisor, call 1800 246 446

#### Mature students

The term *mature students* includes anyone who finished school over a year ago. Whatever your academic qualifications, there is a way for you to study at JCU.

If you have the skills, maturity, and commitment needed for successful tertiary study, but do not have the formal academic qualifications, you can still pursue your goals at JCU.

Whether you want to boost your current career, or enter into a different industry, your work experience can be enough for you to enter a JCU Pathway course, which can lead to a Bachelor's degree.

[jcu.edu.au/pathways-to-university](http://jcu.edu.au/pathways-to-university)

You have the option to sit the Special Tertiary Admissions Test (STAT) via QTAC, which is an aptitude test and may show you are ready to step straight into a Bachelor's degree. You can combine your STAT results with your previous employment experience in your application.

If you have existing qualifications or work experience, you may be able to apply for credit to fast-track your degree. Once you're accepted into your course, your application will be assessed for credit.

##### For more information

[jcu.edu.au/future-students/Mature-Students](http://jcu.edu.au/future-students/Mature-Students)

*"I had completely forgotten how to study. However, I got through because the people and resources at JCU are so good. I had a wonderful mentor who inspired me to become a mentor as it helped me adjust so well. I always thought that JCU believed in my capabilities before I knew what I was capable of achieving."*



##### Laura Fewtrell

BACHELOR OF SPORT AND EXERCISE SCIENCE



# Undergraduate degrees and diplomas

## What is a degree?

A degree is a qualification awarded to students who successfully complete a series of requirements set by a tertiary institution. Degrees are awarded in varying levels of qualification, and lead to a wide range of career options and employment prospects. JCU offers undergraduate and postgraduate degrees across multiple study areas.

## Undergraduate degrees

An undergraduate degree is a course in which you develop a high level of knowledge and expertise in a field of study. An undergraduate degree can be your first university degree, which can be a stepping stone to further study and higher qualifications. For example, you could study a Bachelor of Science and then a Master of Science (Professional) or a Bachelor of Nursing Science and then a Graduate Certificate of Public Health.

## Diploma of Higher Education

The Diploma of Higher Education is a one-year undergraduate course. If you haven't studied for a while or don't meet the requirements for a Bachelor's degree, the Diploma of Higher Education may be suited for you. The Diploma consists of various introductory and first-year degree subjects to prepare students for entrance into a Bachelor's degree.

## Bachelor's degree

A Bachelor's degree is an in-depth course that can take between three to five years to complete full time. JCU offers a variety of Bachelor's degrees across a broad range of study areas. A Bachelor's degree can lead to postgraduate study, as well as advanced career options.

## Majors and minors

A major is an area of study that you specialise in during your degree. For example, you may study a Bachelor of Science, majoring in Marine Biology, or a Bachelor of Business, majoring in Business Intelligence and Information Systems.

You may be required to choose a minor or a structured sequence of study. This gives you the opportunity to deepen your knowledge in your chosen field. For example, you can study a Bachelor of Information Technology and choose to specialise in Human-Computer Interaction and Games Design.

Choosing a major or a structured sequence of study allows you to hone a specific skill set and sets you up to succeed in a field that interests you.

## Subjects

Your degree consists of a specified number of subjects. A subject usually takes one university semester to complete and can include weekly lectures, tutorials, seminars, and/or practical classes. A three-year full-time course typically consists of 24 subjects.

## Credit for previous study

If you have completed previous study or work experience, you may be eligible to transfer credit to your current degree. This will help you to complete your JCU degree sooner and save on overall course fees. For more information on eligibility and how to apply for credit, see [jcu.edu.au/apply-for-credit](https://jcu.edu.au/apply-for-credit)

## Study modes

JCU offers a variety of study modes to help you succeed. Study either on campus or online with our flexible delivery modes. Complete your degree at your own pace – JCU offers both full-time and part-time study loads to fit in with busy lifestyles. You may be able to fast-track your studies by completing some subjects in block mode. Block mode or intensive mode subjects are run in short study periods usually in the semester break, and are equivalent to subjects offered over the 13-week period.

For more information on flexible delivery modes, see [jcu.edu.au/flexible-study](https://jcu.edu.au/flexible-study)

## Mid-year enrolment

Mid-year enrolment is available for many of our undergraduate courses. Check out the Undergraduate Degrees table on pages 74-77 for more information.

## Assessment

The skills and knowledge you learn at JCU are assessed through a number of methods. These include written essays, written examinations, oral presentations, group projects, practical examinations, laboratory reports, and professional placements. You will be required to meet a satisfactory level of achievement in your assessment to earn credits for your subjects and graduate from your degree.

## Career outcomes

Maximise your employability with the help of JCU's expert staff. Our Careers and Employability team are here from day one to help you network, promote your skills, and prepare for the workforce. Once you have graduated, you will continue to receive support as you apply for and secure your dream job.

For more information on the career support available at JCU, see [jcu.edu.au/careers-and-employability](https://jcu.edu.au/careers-and-employability)



# JCU Global Experience

## Study overseas

Want to get the most out of your degree? Make a lifetime of memories and earn your degree at the same time. The JCU Global Experience Program helps students develop the knowledge, skills, and disposition to succeed in a global workforce. Open your mind to exotic locations, unique experiences, and extraordinary people. Complete a placement or short course, or spend an entire year abroad.

## Intercampus Exchange Program

Enhance your JCU experience by attending JCU Singapore. Spend up to two semesters experiencing the diverse culture of this vibrant country while learning from the best at JCU Singapore. If you study a different discipline, you can use your electives to form a study plan.

## Outbound Exchange Program

Broaden your horizons, develop your language skills, and build your global network through JCU's Outbound Exchange Program. JCU has partnered with more than 60 world-class universities across Europe, Asia, the South Pacific, and the Americas. Spend one or two semesters as an exchange student, and study subjects that can be credited towards your degree.

## Short study programs

Prefer a short-term trip? Several of JCU's partner universities offer short programs or placements of 2-6 weeks that can be credited towards your JCU degree. Depending on what you study, you could complete a short course or placement in locations such as Ecuador, Germany, Japan, South Korea, or England. Short study opportunities are also available through various Australian organisations. For more information, visit [jcu.edu.au/global-experience](http://jcu.edu.au/global-experience)

## Scholarships and loans

There are a range of scholarships and loans available for all Global Experience programs. The New Colombo Plan (NCP) is an Australian Government initiative that provides opportunities for Australian undergraduate students to study, participate in internship and mentorship opportunities, and learn a new language in the Indo-Pacific region. You can apply for a scholarship, which can include a travel allowance, monthly stipend, and support for language training for both semester-based and short-study programs. There are also a range of other scholarships that you can apply for that are applicable to particular programs and institutions. In addition to a scholarship, you could be eligible to receive the OS-Help Loan to assist you with your overseas study expenses.

## Locations

Austria	Malaysia
Cambodia	Mexico
Canada	Netherlands
China	New Caledonia
Colombia	Norway
Denmark	Papua New Guinea
Ecuador	Samoa
England	Scotland
France	Singapore
French Polynesia	Slovenia
Germany	Solomon Islands
Hong Kong	Sri Lanka
India	Sweden
Italy	Taiwan
Indonesia	Thailand
Fiji	United States of America
Japan	Vanuatu
Laos	Vietnam



*"I wanted to experience life on the other side of the world. I even had the opportunity to volunteer in a lab whilst I was there. Being taught by world-renowned scientists and meeting a bunch of like-minded people made my exchange experience - I now have friends all over the world."*

**Kathryn McKenna**

BACHELOR OF SCIENCE – MARINE BIOLOGY  
Exchange student at the University of Miami



# Arts and Social Sciences

JCU Humanities, Creative Arts and Social Sciences empower critical and creative thinking. Our graduates have strong analytical skills and a solution-based approach so they are ready today, for tomorrow.

## Support to succeed

JCU was independently awarded five-stars for student support and learning resources<sup>^</sup>

<sup>^</sup>Good Universities Guide 2021, UG Humanities, Culture & Social Science

## Transferrable skills

Expand employability opportunities through elevated thinking

## Think global

Develop a cross-cultural understanding of your field that enhances your expertise

## Bachelor of Arts

Fees: \$10,701\* | ATAR: 59.4

### WHAT TO EXPECT

- Learn to think creatively, analyse effectively and build the cross-cultural communication skills necessary to work in today's modern society. Develop your critical judgement to respond to social, cultural, and political issues and build a career with impact.
- Learn from world-class lecturers and experience small, friendly classes and personalised support. You may also have the opportunity to explore the world through overseas field trips.
- Choose from 14 disciplines spanning creative arts, humanities and social sciences. You will study a selection of core subjects alongside your preferred discipline. You can choose a second discipline, or two minors, which can complement your studies, or broaden your area of expertise.
- JCU Arts graduates are recognised for reflective and analytical thinking, strong communication skills, and exceptional research abilities highly valued across many industries.
- You might be interested in combining your passion for Arts with skills in business, law or science by studying a joint degree, such as a Bachelor of Arts–Bachelor of Business, Bachelor of Arts–Bachelor of Laws, or Bachelor of Arts–Bachelor of Science.

### ★ CAREER OPPORTUNITIES

- |                                  |                     |
|----------------------------------|---------------------|
| • Writer                         | • Media broadcaster |
| • Journalist                     | • Graphic designer  |
| • Criminologist                  | • Photographer      |
| • International relations worker | • Historian         |
| • Anthropologist                 | • Archaeologist     |

### DISCIPLINES

#### Anthropology

Study history, languages, politics, economics, and social systems. Understand cultural and ethnic differences, and analyse how people's beliefs fit into a wider social, political, and economic context. Learn the research, observation, and interview techniques that will equip you to work with people from diverse cultural backgrounds. Develop skills that are critical in decision-making for governments, corporations, and not-for-profit organisations.



#### Archaeology

Develop skills in archaeological site recording and conservation. Participate in field trips to investigate heritage site excavations and Aboriginal Australian rock art sites. You will learn the fundamentals of archaeology, then expand on this knowledge with more specialised offerings in Evolutionary, Forensic, Asian, Australian and European archaeology. You may also have the opportunity to travel on South-East Asian excursions.



#### Criminology

Learn why people are motivated to commit crime, and explore strategies to prevent law-breaking and rehabilitate offenders. Throughout your studies, you can participate in a wide range of extracurricular criminology student activities. This course equips you with skills to help make a difference in your community. Not all subjects are available internally, and you will need to take some subjects externally.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements



*“I would advise anyone thinking of studying a double degree in Arts and Science at JCU to absolutely go for it. Even if you only intend to build a career from one of your degrees, the skills you can learn, and experiences you can gain from your second degree will be highly transferable and will broaden your horizon and career options.”*

**Rhys Malcolm**

STUDYING A BACHELOR OF ARTS - BACHELOR OF SCIENCE

### Design and Creative Arts

Amplify your creativity, learn how to think differently, and bring your ideas to life. Using technical equipment, software and programs, you will explore the creative world and cultivate strong individual design aesthetics. Complement core subjects with one of two specialisations. Cairns students focus on the visual arts and digital imaging fields. Townsville students will study future-focused design and innovation.



### English

Gain critical communication and reasoning skills and develop your understanding of the English language, while growing your passion for reading and writing. JCU English discipline students examine a wide range of literary periods and genres that provide a comprehensive source of historical and cultural understanding. Grow your passion for written and visual literature as you study the talents of Shakespeare, diverse forms of cinema, Australian literature, children's literature and more.



### History

Engage with the past to develop skills in critical thinking and communication. Gain an understanding of humanity by examining past societies and cultures. You will study the history of North Queensland, and develop your understanding of Australian history. Analyse major historical events in a global context and investigate how political, economic and environmental events shaped different communities.



### Human Geography

Explore the interrelationship between people and their natural and built environments. Develop specialist skills including urban planning and design, regional sustainability, and social and environmental impact assessment. Become proficient in identifying problems, evaluating explanations, analysing data, and relevant computing techniques. Graduates understand how to develop recommendations to solve major social and environmental problems.



### Human Services

Develop skills that will prepare you to work with marginalised and vulnerable people. Study social policy, community planning and development, education and capacity building, organisational practice, and social responsibility. Benefit from JCU's research culture and working relationships with government agencies and local community groups. You will gain practical skills and experience through field trips and project work.



### Indigenous Studies

Expand your understanding of the complex interface between Indigenous and Western knowledge, perspectives, and practices in Australia today. Explore Indigenous knowledge and traditions, colonial disruptions, and Indigenous re-assertion in the current era, from the local to the global. Some subjects include field trips, and one includes an optional international trip to an Indigenous community. Graduates are prepared to engage thoughtfully with Indigenous Australians and Indigenous issues in professional and community spaces.



### Languages

Become fluent in another language and gain valuable skills relevant to the globalisation of today's society. You will study listening, reading, speaking and writing skills through critiquing text, films and television programs. Immerse yourself in the language with opportunities to study abroad for six months at one of JCU's partner universities. You do not need prior language knowledge to study this discipline, which offers foundation to advanced levels. Online only.



### Multimedia Journalism and Writing

Gain the knowledge to succeed in the fast-paced creative and news media environments. Learn from published writers, researchers, and journalists to write creatively about unique environments and complex topics. Study topics like writing for multimedia, short story writing, media law and ethics, public relations campaigns, broadcast journalism, and the sociology of digital environments. Graduates are skilled in creative writing, editing, critical reading, filming, storyboarding, and effective writing.





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<sup>^</sup>Good Universities Guide 2021, UG Humanities, Culture & Social Science

## Transferrable skills

Expand employability opportunities through elevated thinking

## Think global

Develop a cross-cultural understanding of your field that enhances your expertise

### Politics and International Relations

Take a deep dive into the people, institutions and issues involved in Australian and international politics. Explore political processes, policy, diplomacy, political economy, and globalisation of Australia and the Asia-Pacific. You will examine Australia's global position and role, economic and social policies, traditional and non-traditional threats to security, poverty and other topics relevant to our modern society.



### Psychology Studies

Gain a deeper understanding of the biological, social and cultural factors that influence how humans think, feel and behave. Explore the history of psychology, the nervous system, memory, cognition, intelligence, motivation, emotion, health psychology, personality and psychological disorders. Completing Psychology Studies does not lead to accreditation. If you want to become a Registered Psychologist, find out more about the Bachelor of Psychological Science (Honours).



### Sociology

Develop the analytical skills to learn how society is organised and how we interact with each other. Study social trends and understand why and how societies and institutions have developed through history. Gain social science research tools and explore a diverse range of topics. Examine the societal issues of the Tropics, including race, gender identity, poverty and wealth.


















*“The Bachelor of Arts is the degree for the 21st century. For anyone who wants to prepare for the future, the Bachelor of Arts allows you to broaden yourself and develop understandings to deal with the challenging questions facing humanity. You can tailor your degree in line with your own interests. You have the flexibility to study a range of subjects.”*

**Rosita Henry**

PROMOTIONAL CHAIR, ANTHROPOLOGY LECTURER

\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Start Semester 1  Start Semester 2  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements





*“Not only does the Bachelor of Arts have an inbuilt subject dedicated to teaching us how to transfer our skills from our degree to future work, but the things I learned along the way including communication, cross-cultural awareness, critical thinking, and research have proved a significant advantage in my career. I have yet to find a job in which the skills and knowledge I learned in my course haven’t been useful. The Bachelor of Arts gave me the ability to explore my interests and see where they could take me. ”*

**Rebekah Lisciandro**

STUDYING A BACHELOR OF ARTS, SOCIOLOGY MAJOR



# Biomedical Sciences

JCU Biomedical Sciences is a leader in experiential learning. Develop skills with a world-class education in the genome, microbiome and metabiome – linked to the cell and health of a living organism. Highly valued by employers, our graduates are at the leading edge of health and the human body.

## Support to succeed

Five stars for student support\*

\*Good Universities Guide 2021, UG Science & Mathematics

## Graduate with confidence

Five stars for employment outcomes\*

\*Good Universities Guide 2021, UG Science & Mathematics

## Ignite your career

\$58,000 Median graduate salary\*

\*Good Universities Guide 2021, UG Science & Mathematics

## Bachelor of Biomedical Sciences

**Fees:** \$7,950\* | **ATAR:** 65.4

### WHAT TO EXPECT

- Gain a thorough understanding of the relationship between science and medicine, with an emphasis on biomedical science in the tropics. Use your degree as the foundation to a career in laboratory research, as a pathway to other health professions, or continue to higher research studies.
- Study human biology, from molecular to whole-body systems, and understand how the body responds to disease. Choose from one of four specialised majors, and learn leading research techniques and skills from world-class medical professionals.
- Acquire practical work skills learning in state-of-the-art laboratories, hospitals, and medical centres, both on- and off-campus. JCU Biomedical Sciences graduates have the knowledge, skills, and competitive edge needed to succeed in their chosen fields.

### ★ CAREER OPPORTUNITIES

- |                            |  |
|----------------------------|--|
| • Pathology assistant      | • IVF laboratory technician                            |
| • Cardiac physiologist     | • Sales and technical consultant in medical technology |
| • Respiratory physiologist | • Regulatory affairs                                   |
| • Sleep physiologist       | • Workplace Health and Safety                          |
| • Renal physiologist       |  |
| • Research assistant       |  |
| • Laboratory technician    |  |

### MAJORS

#### Molecular and Cell Biology

Study and apply the theories of modelling natural systems, quantitative methods in science, molecular genetics and cell biology. Consolidate and extend your knowledge by studying the molecular basis of disease, bioengineering and bioinformatics. Choose from specified elective subjects to further develop your interests, including the option of completing an advanced research project.



#### Microbiology and Immunology

Gain the skills and knowledge in the theories of epidemiology, molecular genetics, cell biology and advanced immunobiology. Extend your knowledge by understanding and analysing the theories of infectious diseases and tropical microbes. Choose from specified elective subjects to further develop your interests. Graduates majoring in microbiology can apply for membership of the Australian Society of Microbiology.



#### Medicinal and Pharmaceutical Sciences

Explore the general principles of drug action, molecular genetics and cell biology. You will build a comprehensive knowledge of medicinal chemistry and pharmaceutical analysis. In your third year, you will consolidate and extend your knowledge and skills by completing a research project. Graduate with an in-depth understanding of organic chemistry mechanisms and how to apply Biomedical Science principles.


















#### Physiology and Pharmacology

Advance your understanding of the theories of epidemiology, molecular genetics, cell biology and pathobiology, and choose from specified elective subjects. Gain the knowledge and skills to understand and apply pathophysiology and therapeutics theory. In your third year, you will consolidate and extend your knowledge and skills by designing and completing a research project.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Start Semester 1  Start Semester 2  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements



*“JCU was the obvious choice for my tertiary education, as it offered leading education in Biomedical Sciences, and is taught by real research scientists! Completing this course seamlessly led me to a postgraduate education under the same researchers who had taught and inspired me.”*

**Rhys Gillman**

BACHELOR OF BIOMEDICAL SCIENCES GRADUATE  
MASTER OF PHILOSOPHY CANDIDATE

## Bachelor of Clinical Sciences (Honours)

Fees: \$7,950\* | ATAR: 69.15

### WHAT TO EXPECT

- Gain the skills and knowledge required to provide vital scientific evidence to health professionals like General Practitioners, Physiotherapists and Occupational Therapists. Learn the principles of medicine, chemistry, biology, and experimental science, and become an expert in scientific enquiry.
- In your third year, you will choose from specialised electives to suit your interests. In your final year, work directly with real-world patients in both urban and rural practical placements, and provide services for rural and remote communities.
- Become a clinical scientist and make a difference. Clinical Sciences graduates are flexible, uniquely-equipped professionals who contribute valuably to both healthcare teams and scientific discovery.

### ★ CAREER OPPORTUNITIES

- |   |                            |
|---|----------------------------|
| • Clinical measurement scientist in hospitals, private practice or research | • Research assistant       |
| • Neuro physiologist  | • Cardiac physiologist     |
| • Renal physiologist  | • Respiratory physiologist |
|   | • Sleep physiologist       |



## Bachelor of Medical Laboratory Sciences (Honours)

Fees: \$7,950\* | ATAR: 69.15

### WHAT TO EXPECT

- Be at the cutting edge of scientific progress in health and diagnostics with the Bachelor of Medical Laboratory Science (Honours). Become qualified to work anywhere in Australia; this degree is fully accredited by the Australian Institute of Medical and Clinical Scientists (AIMS).
- Understand the relationship between microbiological, haematological and chemical testing in the diagnosis of disease in clinical and health-care settings. Gain practical experience in public hospitals and private laboratories, and build professional networks which will help advance your career.
- Combine theoretical studies in fields including microbiology, histology, molecular biology, haematology and transfusion science, with essential skills in quality assurance and laboratory management.

### ★ CAREER OPPORTUNITIES

- |   |                 |
|---|-----------------|
| • Medical laboratory scientist in hospitals, private practice or research | • Biochemist    |
|   | • Cytologist    |
|   | • Haematologist |





# Business

JCU Business is a leader in building practical, professional skills and knowledge. A strong focus on professional development and multidisciplinary education enables our graduates to excel. Succeed in enterprise across a diverse range of commercial, government and civil society endeavours.

## Skills development

Employability skills embedded in study

## Industry experience

Develop professional skills during internships

## Broaden your horizons

Alignment with international business schools

## Bachelor of Business

Fees: \$13,250\* | ATAR: 59.4

### WHAT TO EXPECT

- Designed to equip you with the skills to start a successful career, this business course has a strong focus on real-world experiences. Be competitive in the workplace with a degree that gives you an understanding of all the elements required for managing sustainable business.
- You will gain the skills to become an effective leader in business and learn how decisions you make contribute directly to an organisation's success. You will be empowered with knowledge of how to become a leader in business and understand the pillars of a sustainable business model.
- In your first year, you will study core subjects relevant to all business majors. You can then tailor the degree to suit your interests by selecting your preferred major and strengthen this major with elective study in other focus areas.
- You may also be interested in the Bachelor of Business–Bachelor of Laws, Bachelor of Business–Bachelor of Psychological Science, or Bachelor of Arts–Bachelor of Business.

### ★ CAREER OPPORTUNITIES

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| • Business intelligence analyst | • Operations manager              |
| • Social media strategist       | • Brand and promotions specialist |
| • Events and tourism manager    | • Project manager                 |
| • Behaviour change specialist   | • Digital marketing consultant    |
| • Human resource manager        |                                   |

### MAJORS

#### Business Intelligence and Information Systems

Learn how to integrate information technology systems and data into business strategies, and work with digital information systems to manage large amounts of data securely. Use your insight as a business intelligence analyst to create cost-effective systems and identify

business opportunities. Ensure your employability and maximise your opportunities in this rapidly growing industry. Graduates can apply for membership with the Australian Institute of Management (AIM).



#### Hospitality and Tourism Management

Stand out from the crowd with this major and manage tourism and hospitality attractions, events and services. Gain the professional expertise to manage, plan and market the food, recreation, accommodation and tourism industry. Study the logistics and operations of conference and event management. Your in-depth understanding of hospitality will allow you to create amazing travel and event experiences.



#### Human Resources Management

Discover what motivates employees and how you can boost performance and productivity in organisations. Learn how to effectively communicate, develop positive employment relations and create environments that help people thrive. Your passion for human resources can take you across industries in Australia and around the world.



#### International Business

Build specialised skills to manage and conduct business in a complex global environment. Your passion in developing strategies and planning for short- and long-term projects will see you involved in multi-national enterprises. With the skills to work in the exciting international arena, you can build a sustainable, competitive business position in the international marketplace.

















#### Management

Use your love of innovation, entrepreneurship and people-management to strengthen your employability. Learn how to lead businesses in highly competitive environments, solve complex organisational problems, plan effectively and hire the right employees. Managing finances, resources and direct business operations with confidence in a fast-paced setting. You will learn a variety of transferable skills, important in managing a business or team in any industry.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Trimester intake  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements



*“The best thing about the course is the internship. A lot of businesses trust JCU and I feel this is a great advantage for students. By doing my internship, I was able to learn valuable skills. This enabled me to get a job in the final semester of my degree — and a few months later I secured a position at The Ville, where I had completed my internship.”*

**Elspeth Smith**

BACHELOR OF BUSINESS, MAJORING IN MARKETING AND SPORTS AND EVENT MANAGEMENT, GRADUATE



# Business

JCU Business is a leader in building practical, professional skills and knowledge. A strong focus on professional development and multidisciplinary education enables our graduates to excel. Succeed in enterprise across a diverse range of commercial, government and civil society endeavours.

## Skills development

Employability skills embedded in study

## Industry experience

Develop professional skills during internships

## Broaden your horizons

Alignment with international business schools

### Marketing for the Digital Age

Get the skills to speak directly to your customers through digital marketing, social media and traditional sales advertising. Your creativity and understanding of people will help you become an effective marketer, fulfilling the needs of your customers or growing a new customer base. Develop industry knowledge by creating sustainable marketing strategies for real-world businesses. You will learn how to build a target audience profile and create advertising that speaks to your customers. Marketing skills are fundamental for growing a business in the private, public, and non-profit sectors.



### Sports and Events Management

Enter the dynamic, fast-paced environment of the sporting and events industries. Learn how to create and coordinate sports, business, and public events on both a small and large scale. Events are central to local, national and international economies and tourism; you will be highly-employable in an industry that is growing exponentially. Benefit from our strong industry connections with a major designed to meet employer needs by providing first-hand practical experience.



- Access some of the most environmentally interesting places on Earth and explore unrivalled World Heritage natural environments. Support your research with genuine fieldwork and build a strong industry network through JCU's direct links to peak industry bodies.

### ★ CAREER OPPORTUNITIES

- Environmental advisor
- Consultant
- Aquaculturist
- Environmental scientist
- Environmental consultant

### MAJORS

#### Aquaculture

Experience the hands-on-discovery of sustainable aquaculture practices, with access to the Marine and Aquaculture Research Facility. Students will explore the scientific and practical applications of farming plants and animals in all types of water environments. JCU graduates have a deep understanding of the biodiversity of species, the design of aquaculture systems and the basics of nutrition.



## Bachelor of Business and Environmental Science

Fees: \$11,650\* | ATAR: 63.2

### WHAT TO EXPECT

- Develop skills that allow you to integrate and apply theoretical and technical knowledge of business and environmental science, and apply in-depth knowledge of sustainability principles in tropical contexts.
- Explore the important and challenging work of balancing profit, policy, and conservation with the Bachelor of Business and Environmental Science. Study the effects of human behaviour on climate, and learn to plan and lead sustainable business practices.














## Bachelor of Commerce

Fees: \$13,100\* | ATAR: 59.4

### WHAT TO EXPECT

- Build a creative and innovative mindset with a course designed to future-proof a career in commerce. Gain an understanding of foundational concepts of commerce and pursue your passion by choosing to major in one area of study or strengthen your knowledge, skill set and employment opportunities through a double major.
- Broaden your horizons and gain a global perspective by completing a study period at JCU Singapore, or at one of our 52 partnering universities around the world. Develop essential job-readiness skills through the work-integrated learning capstone program to allow you to graduate work-ready with confidence.

\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Trimester intake  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements



*“The real-world connections built into the Bachelor of Commerce degree, combined with the deep financial knowledge I gained in the course, provided the right formula for success in my job search. The small classes provide an excellent opportunity to participate in stimulating discussions. The option to conduct pioneering research can enhance your career prospects.”*

**Siddarth Roche**

BACHELOR OF COMMERCE GRADUATE

- As a commerce graduate, your skills are relevant to a large number of businesses and industries. Your major specialisation will provide pathways and job opportunities for career success. You will have the ability to understand the importance of data-driven decision making – a quality highly valued by employers.

### ★ CAREER OPPORTUNITIES

- Accountant: Taxation, Insolvency, Forensic, Audit
- Business manager
- Corporate financial manager
- Data analyst / consultant
- Economist
- Foreign exchange trader
- Investment banker/manager
- Economic Advisor

### MAJORS

#### Accounting

As an accountant, you will contribute to the most critical function of all businesses and organisations — their financial viability. You will learn how to recognise financial patterns and be an efficient problem solver for all businesses in various industries. Core subjects will give you foundational skills in decision making, analysis and interpreting data for businesses. You will gain an in-depth understanding of financial management, company accounting, taxation and auditing.



#### Banking and Finance

Study financial markets and institutions, credit, treasury, investment and risk management. You will learn different approaches to managing financial institutions, including commercial banks and rural cooperatives. This major focuses on the banking industry and explores financial activities from a global perspective. You will develop the skills to assess and manage the financial needs to help businesses develop and thrive. Your future employers will value your understanding of commercial theory and hands-on technical knowledge.



#### Business Law

Specialise your skills and gain a competitive edge in the fast-paced world of commerce and business. Learn how to apply key foundational knowledge of business law to the world of commerce. Become an asset to any organisation through your understanding of business

in a legal context in the areas of dispute resolution, law of business organisations, taxation law, contract law and employment and industrial relations law. Upon completion, you will be eligible to apply for admission to the Tax Practitioners Board.

Business Law is only available as a second major.



#### Economics

Develop the skills to predict the behaviour of market participants, including governments, businesses, and consumers. Become essential to the success of your organisation by anticipating and effectively communicating the behaviour of market participants. Explore drivers of economic growth and government policy options to shape that growth, as well as exploring decision-making tools for managers and how to conduct cost-benefit analysis. You will gain knowledge about economics at the individual level by exploring consumer decision making, and the behavioural foundations of those decisions.



#### Financial Management

Study business modelling, investment and portfolio management, financial risk management and multinational business finance to enable you to manage and finance businesses effectively and efficiently within a global business environment. With financial management skills that are transferable to most industries, you can forge your own career path. Combine this major with Accounting or Economics to strengthen your skill set.



#### International Trade

Gain a global perspective and develop analytical, communication, and critical thinking skills to pursue a career that crosses borders. Build a strong understanding of the fundamentals of finance and international trade law. Take your place in the global boardroom with skills to explain strategic, interpersonal, and psychological aspects of business negotiation. Learn how to network and influence stakeholders with creative and innovative thinking in the communication of complex business analyses. In an increasingly globalised world, your ability to evaluate and analyse opportunities in international trade will make you a valued employee around the world.





# Dentistry

JCU Dentistry is a leader in health equality. Experience working in a range of settings, from rural and remote communities to city areas and international placements. Dentistry graduates work independently in challenging situations.

## Launch your career

#1 in Australia for full-time employment outcomes\*

\*Good Universities Guide 2021, UG Dentistry

## Graduate success

#1 in Australia for median graduate salary, \$100,500\*

\*Good Universities Guide 2021, UG Dentistry

## Support to succeed

#1 in Queensland for learning resources and student support\*

\*Good Universities Guide 2021, UG Dentistry

## Bachelor of Dental Surgery

Fees: \$9,600\* | ATAR: Special Entry Requirements

### WHAT TO EXPECT

- Gain a comprehensive education in oral health and health care in Australia, and train to meet the need for highly-skilled dentists in rural, remote, and Indigenous communities.
- Study the foundational theory of dental science and the promotion of oral health care in underserved communities. Train alongside experienced, supportive professionals and explore issues of concern, particularly relating to tropical, rural, and Indigenous practice.
- Be equipped with practical work skills in JCU's world-class dental teaching complex, with a state-of-the-art clinical simulation laboratory. Apply your theoretical knowledge as you assess, diagnose, and perform dental work on real patients.

### ★ CAREER OPPORTUNITIES

- Private practice
- Australian Defence Force
- Hospitals
- Education
- Community health services
- Research

The Bachelor of Dental Surgery (Honours) degree is available for high-achieving students.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements





*“It is vital to have culturally aware dental practitioners when working in central Australia. JCU’s focus on rural, remote and Indigenous health care gives students a good foundation to practice in a culturally safe and appropriate manner, especially in rural and remote settings where there can be diverse communities and potentially challenging situations. I am grateful for the JCU Dentistry program having such a strong advocacy for rural and remote health and a focus on health equity and equality.”*

**Maleta Seiler**

BACHELOR OF DENTAL SURGERY GRADUATE  
CLINICAL MANAGER, ORAL HEALTH OUTREACH IN CENTRAL AUSTRALIA



# Education

JCU Education is a leader in providing high-quality professional experience in a variety of settings. Benefit from leading lecturers and JCU's strong partnerships with Queensland schools.

## Set for success

Independently rated five stars for full-time employment<sup>^</sup>

<sup>^</sup>Good Universities Guide 2021, UG Teacher Education

## Unique opportunities

Study and work in rural and remote communities, capital cities and overseas through placements

## Ignite your career

\$65,200 median starting salary\*

\*Good Universities Guide 2021, UG Teacher Education

## Bachelor of Education (Early Childhood Education)

Fees: \$3,950\* | ATAR: 73.3

### WHAT TO EXPECT

- Gain professional experience in your first year and complete a total of 120 days of workplace learning over the course of your degree. Take advantage of JCU's strong partnerships with childcare centres, kindergartens, preschools and primary schools to develop your network and build practical job skills.
- Benefit from a wide range of placement opportunities across your degree in regional, rural and remote areas. Develop skills to improve Indigenous education outcomes and leverage a world-class education into a career that will change lives, including your own.
- Graduate with a comprehensive understanding of the early years learning curriculum, play-based learning and key teaching strategies to be a successful leader in child care centres and in Prep to Year 3 in primary schools.
- Graduates have a nationally accredited degree that enables them to be employed across Australia and internationally. Graduates can pursue careers in education in schools, preschools, kindergartens and childcare centres.



## Bachelor of Education (Primary)

Fees: \$4,850\* | ATAR: 73.3

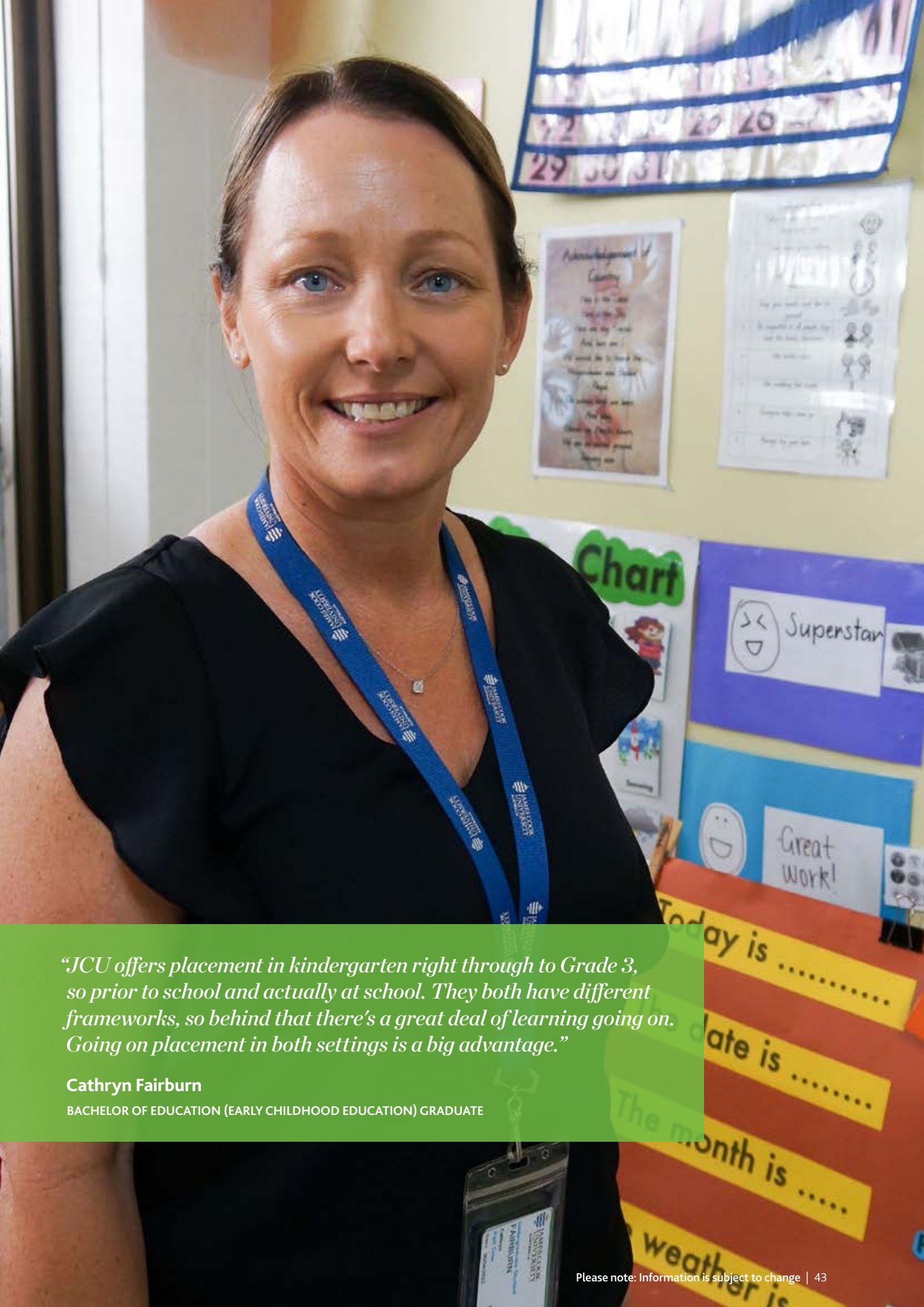
### WHAT TO EXPECT

- Promote life-long learning in young Australians with the Bachelor of Education (Primary). Benefit from a wide range of placement opportunities across your degree in regional, rural and remote areas. Develop valuable specialist skills to teach in rural and remote areas and improve Indigenous education outcomes.
- Study Queensland's Prep to Year Six curriculum and experience relevant workplace learning in primary school settings. Gain professional experience from your first year in state, Catholic and independent schools.
- Participate in 95 days of placements in a range of school settings, including rural and remote areas to expand your employment options. Learn to critically evaluate and apply contemporary research to provide inclusive learning environments for diverse student needs.
- JCU Education (Primary) graduates are equipped to meet the diverse needs of primary school children from Prep to Year Six. You could pursue a career in State, Catholic, and Independent schools across Australia, as well as overseas.

Choose a specialist strand such as English/literacy, mathematics/ numeracy, science, technologies, and health and physical education.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible



*“JCU offers placement in kindergarten right through to Grade 3, so prior to school and actually at school. They both have different frameworks, so behind that there’s a great deal of learning going on. Going on placement in both settings is a big advantage.”*

**Cathryn Fairburn**

BACHELOR OF EDUCATION (EARLY CHILDHOOD EDUCATION) GRADUATE



# Education

JCU Education is a leader in providing high-quality professional experience in a variety of settings. Benefit from leading lecturers and JCU's strong partnerships with Queensland schools.

## Set for success

Independently rated five stars for full-time employment<sup>^</sup>

<sup>^</sup>Good Universities Guide 2021, UG Teacher Education

## Unique opportunities

Study and work in rural and remote communities, capital cities and overseas through placements

## Ignite your career

\$65,200 median starting salary\*

\*Good Universities Guide 2021, UG Teacher Education

## Bachelor of Education (Secondary)

Fees: \$7,000\* | ATAR: 73.3

### WHAT TO EXPECT

- Learn to establish positive and engaging learning environments for secondary school students. Benefit from a wide range of placement opportunities across your degree in regional, rural and remote areas. Develop skills to improve Indigenous education outcomes, and leverage a world-class education into a career that will change lives, including your own.
- Gain a full understanding of intercultural and ethical approaches to professional practice. Base your teaching on current research and policy that addresses social justice, diversity and sustainability.
- Take part in 95 days of placements in practical settings from your very first year of study, and experience teaching in metropolitan, rural and remote locations. Make a positive difference in the lives of young people, and improve outcomes for Aboriginal and Torres Strait Islander students.
- Graduates pursue careers both in Australia and overseas, in public, independent, and Catholic schools. You could find employment as a secondary teacher, or pursue roles in education management, government departments, or community development.
- As an Education (Secondary) student, you typically choose two teaching areas to specialise in, including biology, business, chemistry, economics, English, French, geography, health and physical education, history, information communication technologies (ICT), Japanese, legal studies, mathematics, music, physics, industrial technologies and design, visual arts and food technologies and design.



### ★ CAREER OPPORTUNITIES

- Primary school teacher
- High school teacher
- Early childhood teacher
- EAL/D Teacher

\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements



*“JCU was the perfect place for me to study education because of their emphasis on rural and regional teaching, which is something I’m really passionate about. Being able to do placement across a range of schools and seeing all that teaching has to offer has been a real highlight. With the help and training my lecturers and tutors have provided me with, I feel ready to start making a difference in my own students’ lives.”*

**Andrew Waller**

STUDYING A BACHELOR OF EDUCATION (SECONDARY)



# Engineering

JCU Engineering is a leader in developing qualified engineers who help solve some of the world's most challenging problems. Exceptional employment outcomes enable graduates to future-proof their career.

## Exceptional employment outcomes

Five stars for full-time employment\*

\*Good Universities Guide 2021, UG Engineering

## Learn from the best

#1 in Queensland for skills development\*

Good Universities Guide 2021, UG Engineering

## Support to succeed

#1 in Queensland for student support\*

\*Good Universities Guide 2021, UG Engineering

## Bachelor of Engineering (Honours)

Fees: \$9,527\* | ATAR: 78.1

### WHAT TO EXPECT

- Prepare yourself for the challenges of today and tomorrow through an engineering course shaped by industry. An outstanding graduate employment rate and a strong focus on hands-on skills enable you to be job ready upon graduation.
- Build a thorough understanding of engineering fundamentals in your first year. Deepen your knowledge and focus on theoretical and practical learning. Study a specialised major plus one minor.
- Gain hands-on skills through practical laboratory classes and field trips. Participate in 12 weeks of work placements with industry partners.
- Studies culminate in the fourth year with an Honours component — a major engineering project and thesis. You will research a current industry issue and work towards designing a solution.
- You may also be interested in the Bachelor of Engineering (Honours) – Bachelor of Information Technology or the Bachelor of Engineering (Honours) – Bachelor of Science.

### ★ CAREER OPPORTUNITIES

- Electronics design engineer
- Robotics software engineer
- Asset performance engineer
- Process engineer
- Structural engineer
- Mechanical design engineer

### MAJORS

#### Chemical Engineering

Create, manipulate and design products using raw materials and chemistry and physics principles. Become an expert in the intricacies of reactor design and modelling and learn how to comprehend the concepts of instrumental analysis. Build an in-depth understanding of advanced chemical technologies such as minerals processing, extractive metallurgy and bioprocessing.



#### Civil Engineering

Benefit from JCU's expert lecturers and explore various civil engineering disciplines such as structural, hydraulic, geotechnical, transport and environmental engineering. You will have the skills to work in design, construction and maintenance of infrastructure such as buildings, bridges, roads, railways, airports, ports, water supply systems, dams, mines and waste disposal systems.



#### Electrical and Electronic Engineering

Learn how to design and maintain electrical energy infrastructure through the application of electrical and electronic principles. You will integrate theory with practice and visit power utilities, mines and other industry sites. Build a comprehensive knowledge of electrical materials, circuit theory, single phase and three phase power system modelling and signal processing.



#### Electronic Systems and Internet of Things (IoT) Engineering

Build the next generation of electronic technology. Design electronics hardware and software for diverse applications such as manufacturing, automation, wearables, agriculture, energy, and more. Gain specialist skills in machine learning, sensor technologies, and wireless communication, using the state-of-the-art facilities in the newly constructed JCU Ideas Lab.



#### Mechanical Engineering

Understand the principles of mechanics and thermodynamics to analyse, design, manufacture and maintain machines across almost all industries. Learn skills that will see you working in design, manufacturing and maintenance of machines — from bicycles and robots to supersonic jets and renewable energy systems.



### MINORS

You can choose to specialise your degree through minors in Infrastructure and Planning, Mechatronics, Mining and Minerals, Data Science, Software, Water Resource Management, Sustainability, Physics and Mathematics.

\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements



*“I believe that the IoT industry is evolving. It is bringing innovative approaches to real-world problems, while making a big impact on our quality of life. Studying Electronic Systems and Internet of Things at JCU has enabled me to be join the next generation of innovators in an advancing industry and I’m excited to see where it leads in the future.”*

**Jessica Grimes**

STUDYING A BACHELOR OF ENGINEERING (HONOURS) - BACHELOR OF INFORMATION TECHNOLOGY



# Environmental Management

JCU Environmental Management is a leader in ethical and sustainable management practices. Programs designed in collaboration with industry provide graduates with exemplary professional practice skills — because experience has no substitute.

## Support to succeed

#1 Queensland university for student support\*

\*Good Universities Guide 2021, UG Ag & Environment

## Build a distinct skill set

A unique combination of study areas produces students with strong practical skills and in-depth knowledge

## Unique environments

Apply theory in biodiverse settings, including the Great Barrier Reef, the Wet Tropics and dry savannas.

## Bachelor of Environmental Practice

Fees: \$7,750\* | ATAR: 63.2

### WHAT TO EXPECT

- Prepare yourself to take on the critical environmental and sustainability challenges facing the world today. Benefitting from JCU's world-class research\* in environmental science and management, you'll learn how the biological, physical, social, economic and political spheres interact and impact on our environment.
- As a JCU Environmental Practice student, you'll develop an understanding of how to manage the interactions between people and the environment, and find solutions to complicated environmental problems. In your final year, build connections and participate in a final year professional placement and work experience.
- Use your skills and knowledge to meet the needs expressed by corporate environmental management organisations. Understand how triple bottom line outcomes — environmental, social and economic — can be integrated to achieve positive solutions for governments and organisations.
- Gain unparalleled skills to address the great sustainability challenges of our lifetime with a JCU degree in Environmental Practice. Depending on what you specialise in, you could perform roles such as environmental manager, sustainability adviser, project manager or urban environments and landscape designer.

### ★ CAREER OPPORTUNITIES

- Environmental manager
- Sustainability adviser
- Environmental compliance project manager
- Urban environments and landscape designer
- Environmental planner
- Environmental operations consultant
- Environmental approvals specialist
- Sustainability and environmental educator

\*Excellence in Research Awards 2018

### SPECIALISATIONS

This unique course offers the opportunity to specialise in one or two of the following:

#### Biodiversity Assessment and Management

Gain the skills to assess and manage aquatic and terrestrial species. Learn the essential concepts of biodiversity, biological processes and ecology. Students will apply these concepts in upper-level specialised classes. Modern field methods are used during field-based subjects in World Heritage listed coastal, coral reef and rainforest environments.



#### Corporate Environmental Management

Combine business literacy and corporate sustainability with environmental skills to tackle key global sustainability challenges in the environmental and socio-political context. Understand how corporations can sustain economic growth and have a positive impact on the environment. Students learn key concepts in macro and micro economics and their interrelatedness with issues of environmental sustainability, corporate social responsibility and sustainable development.

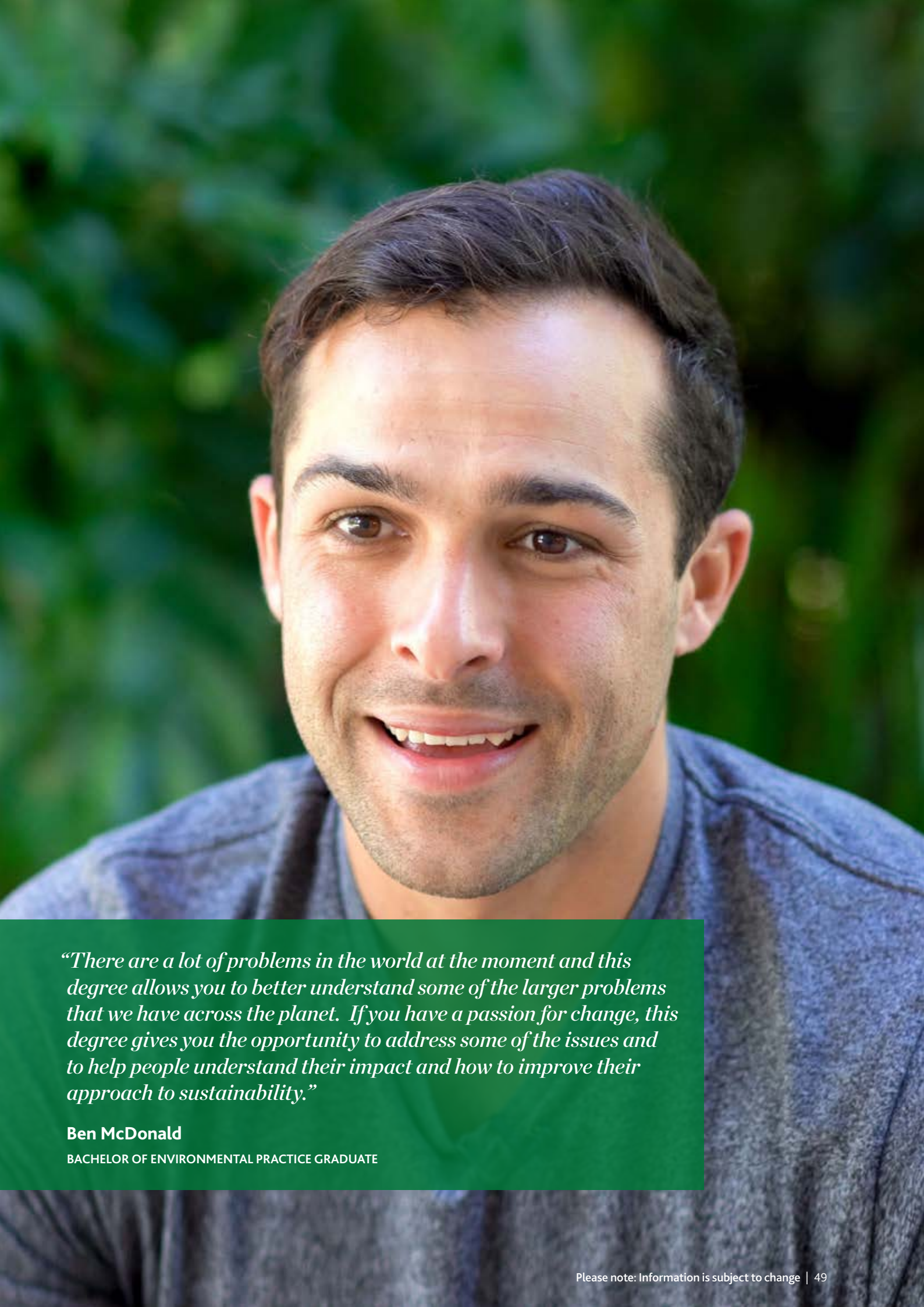


#### Land and Water Management

Learn about physical geosciences, environmental processes and impacts on land, wetlands, river catchments and coasts. You will develop your knowledge of how the Earth functions as a dynamically interactive system. With tutelage from expert lecturers, students master the fundamentals of hydrology, geomorphic patterns and processes, soil science and natural hazards. Benefit from field-based studies, accessing unrivalled geographical and climatically diverse landscapes, including the Great Barrier Reef catchments.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible



*“There are a lot of problems in the world at the moment and this degree allows you to better understand some of the larger problems that we have across the planet. If you have a passion for change, this degree gives you the opportunity to address some of the issues and to help people understand their impact and how to improve their approach to sustainability.”*

**Ben McDonald**

BACHELOR OF ENVIRONMENTAL PRACTICE GRADUATE



# Geoscience

JCU Geoscience is a leader in experiential learning. Access and study a variety of incredible landscapes, from the vast savannas to marine sediments. A strong focus on practical fieldwork and industry connections empowers our graduates to be ready for tomorrow's challenges.

## Launch your career

#1 Queensland university for full-time employment\*

\*Good Universities Guide 2021, UG Science and Mathematics

## Sustainability goals

Contribute to innovating solutions for essential sustainability

## Unique access

Apply theory in environments like the Great Artesian Basin, the Outback and the Great Barrier Reef

## Bachelor of Geology

**Fees:** \$7,550\* | **ATAR:** 66.5

### WHAT TO EXPECT

- Benefit from specialist geological knowledge and study the only Bachelor of Geology degree in Australia.
- Build an in-depth understanding of geoscience with a focus on exploration and mining. Learn about global economic geology and participate in current geological research projects through JCU's on-campus Economic Geology Research Centre.
- Consolidate theoretical learning with frequent field trips and on-site practice. JCU's unique location and close links with exploration/mining, allied engineering industries and conservation organisations allow unique access to fascinating locations.
- JCU Geology graduates are uniquely skilled with strong connections to industry and gain extensive experience undertaking fieldwork.
- Geoscientists are highly sought after in the mining, resources and energy industries, which are among the highest paying industry sectors in Australia. Careers in geoscience are also found in environmental monitoring and management, natural resource and water management, geotechnical engineering and construction, natural hazard identification and mitigation, spatial sciences, museums, education and in scientific organisations and government entities.

### MINORS

Specialise your degree through minors that include Chemistry for Geology, Earth Surface Processes, Palaeontology and Spatial Science. You can also choose Science or inter-disciplinary minors.










### ★ CAREER OPPORTUNITIES







- |                           |                         |
|---------------------------|-------------------------|
| • Geoscientist            | • Palaeontologist       |
| • Environmental geologist | • Field geophysicist    |
| • Management consultant   | • Exploration geologist |



 Only first year available in Cairns

\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Start Semester 1  Start Semester 2

 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements



*“Upon attending my first geology class at JCU, I was immediately hooked and that was almost entirely thanks to the engaging and knowledgeable lecturers we had. I also found it very interesting learning about how the earth works. I loved the smaller class sizes, which allowed us to quickly and easily get to know our lecturers and tutors. The best part of geology for me was the field trips. Not only were they a great learning opportunity, but we also got to travel to some fantastic places with our classmates. The field trips really put what we had learned in class into context.”*

**Hans Dirks**

BACHELOR OF GEOLOGY (HONOURS) GRADUATE



# Information Technology

JCU Information Technology is a leader in design thinking. A strong focus on student engagement develops graduates who are agile thinkers and innovative developers. Get ready for jobs of the future with an Information Technology degree from JCU.

## Ready today for tomorrow

#1 in Queensland for skills development\*

\*Good Universities Guide 2021, UG Information Technology

## Learn from the best

#1 in Queensland for teaching quality\*

\*Good Universities Guide 2021, UG Information Technology

## Exceptional support

Five stars for overall student experience and student support\*

\*Good Universities Guide 2021, UG Information Technology

## Bachelor of Information Technology

**Fees:** \$7,500\* | **ATAR:** 63.2

### WHAT TO EXPECT

- Study alongside those who share your vision for what Information Technology can do to improve business, science and society.
- Master the essential knowledge and best practices needed to build a thriving career in Information Technology. Leaders in design thinking, JCU's lecturers and tutors will develop you as a problem solver and innovative thinker.
- Work on real-world projects in industry through hackathons, technology design sprints, internships, placements or projects.
- Experience computer laboratories with specialist features for software design, computer science, networking, multimedia/game design and programming.
- You can choose to specialise your degree through recommended structured sequences of study that include Computer Science and Networking, Education Curriculum, Human-Computer Interaction and Games Design or Internet of Things.
- You may also be interested in the Bachelor of Engineering (Honours) – Bachelor of Information Technology.

### ★ CAREER OPPORTUNITIES

- |                                  |                        |
|----------------------------------|------------------------|
| • IT project manager             | • Enterprise architect |
| • Software developer             | • Consultant           |
| • Games designer/tester/reviewer | • Storyboarder         |
| • Simulation designer            | • Web designer         |
|                                  | • Mobile app developer |



## Bachelor of Technology and Innovation

**Fees:** \$7,950\* | **ATAR:** 73.3

### WHAT TO EXPECT

- Make a difference to modern industry. Develop the skills to deliver safe and sustainable solutions to real-world problems.
- Put your creativity to the test, challenge yourself and find inventive ways to re-invigorate businesses.
- Combine valuable IT skills with critical thinking and innovation to help businesses run efficiently. Use your knowledge of technology to make recommendations and identify opportunities.

### ★ CAREER OPPORTUNITIES

- |                          |                                   |
|--------------------------|-----------------------------------|
| • Data scientist         | • Systems analyst                 |
| • Director of innovation | • Business intelligence developer |
| • Software programmer    |                                   |

### MAJORS

#### Data Science

Gain data and analytics skills highly sought-after in every industry. Build your understanding of data science and learn the tools of the trade, including advanced statistical modelling, data mining, machine learning, linear algebra and data visualisation.

















#### Information Technology

Become an innovative developer with the skills to solve problems in group settings. Learn to apply design thinking to deliver technological solutions to a wide range of issues. Analyse technology, creativity and disruptive innovation in the global economy and across disciplines. Study web and software development, database modelling and programming.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Start Semester 1  Start Semester 2  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements



*“Studying a degree in Information Technology provides me with current industry skills through a range of projects. From technical skills like building websites and mobile applications to soft skills, such as teamwork and design sprint experience, this course prepares you for a life of learning.”*

**Dallas Marshall**

STUDYING A BACHELOR OF INFORMATION TECHNOLOGY



# Law

JCU Law is a leader in providing a skills-based and multidisciplinary legal education. An emphasis on independent thinking and innovative problem solving develops graduates equipped for contemporary legal practice. Make a positive difference to people and societies with a JCU Law degree.

## Skills to succeed

85% of students satisfied with skills development\*

\*Good Universities Guide 2021, UG Law

## Quality classroom experience

80% of graduates satisfied with teaching quality\*

\*Good Universities Guide 2021, UG Law

## Finish sooner

Get a head-start on your career with a streamlined 3-year program

## Bachelor of Laws

Fees: \$14,500\* | ATAR: 75.7

### WHAT TO EXPECT

- Challenge yourself and gain exposure to contemporary issues, the latest research and new ideas across diverse areas of the practice and application of law.
- JCU students learn the role of law in social, economic, environmental, and political contexts and its significance for stable government, economic prosperity and the protection of individual and cultural rights.
- Graduates must complete approved practical legal training with either a traineeship at a firm or via a practical legal training course to complete the requirements to practice as a lawyer.
- You may also be interested in the Bachelor of Arts–Bachelor of Laws, the Bachelor of Business–Bachelor of Laws, or the Bachelor of Science–Bachelor of Laws.

### ★ CAREER OPPORTUNITIES

- Lawyer
- Solicitor
- Barrister
- Paralegal
- Law clerk
- Public prosecutor
- Community lawyer
- Legal officer or in-house counsel for large companies



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

Please note: Information is subject to change

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements





*JCU offers a high standard of teaching and a strong support system for law students. The teachers have a good attitude towards teaching, have an incredible understanding of the content and are open to feedback. Students have great networking opportunities, such as get-togethers and guest lecturers.*

**Alice Bosanquet**

STUDYING A BACHELOR OF LAWS



# Marine Science

JCU Marine Science is a leader in experiential learning with a strong focus on using new technologies. Students learn from the best in the world, with JCU ranked number one in the world for Marine and Freshwater Biology\*.

## World-class education

Learn from lecturers who are experts in their field and are passionate about addressing the challenges of our seas

## Exceptional employment outcomes

#1 in Queensland for full-time employment outcomes<sup>^</sup>

<sup>^</sup>Good Universities Guide 2021, UG Science

## Support to succeed

Five stars for skills development, student support and engagement<sup>^</sup>

<sup>^</sup>Good Universities Guide 2021, UG Science

## Bachelor of Marine Science

Fees: \$7,250<sup>^</sup> | ATAR: 78.1

### WHAT TO EXPECT

- Study in JCU's advanced research aquariums and laboratories. Learn how to manage human impacts and preserve dynamic marine environments.
- Undertake research at the JCU Orpheus Island Research Station, or on site at the various coral reef, island, seagrass and mangrove environments visited when completing this degree.
- Develop high-level skills in evolving technologies that are providing solutions to previously unsolvable problems. Build your capabilities in the use of seabed mapping and fish assessment sonar, oceanographic sensors and a range of technology used for gathering data above and below the waves.
- Be part of an interdisciplinary degree where you develop core skills across several foundational scientific disciplines while learning key technologies applied in the marine environment.
- You can choose to specialise your degree through recommended structured sequences of study that include advanced chemistry, advanced mathematics, advanced physics, chemistry, environmental geochemistry, exploration, field studies in earth sciences, fisheries, marine & environmental science and sensors, mathematics, physical geography or physics.
- Progress your studies and further your skills and knowledge with a Bachelor of Science (Honours).

### ★ CAREER OPPORTUNITIES

- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| • Marine conservation officer     | • Marine and biotech scientist       |
| • Marine planner                  | • Marine education and communication |
| • Oceanographer                   | • Environmental manager              |
| • Marine environmental consultant |                                      |


















*“There is no doubt that JCU is the world’s best place to study marine science. The array of classes is just phenomenal, the field work opportunities are endless and the enthusiasm of all the lecturers is truly inspiring. With so much research going on, there are also lots of opportunities for volunteering and networking, which complements the degree perfectly.”*

**Marissa Hutchings**

BACHELOR OF MARINE SCIENCE GRADUATE



\*Centre for World University Rankings 2017 <sup>^</sup>Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Start Semester 1  Start Semester 2  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements

# Medicine

JCU Medicine is a leader in socially accountable medicine. Be equipped with the skills to make an impact — improve health care in underserved communities or make life-changing discoveries.

## Access expertise

#1 in Australia for skills development\*

\*Good Universities Guide 2021, UG Medicine

## Exceptional employment outcomes

#1 in Queensland for median graduate salary, \$73,300\*

\*Good Universities Guide 2021, UG Medicine

## Set for success

Five stars for overall quality of educational experience\*

\*Good Universities Guide 2021, UG Medicine

## Bachelor of Medicine, Bachelor of Surgery

Fees: \$11,300\* | ATAR: Special Entry Requirements

### WHAT TO EXPECT

- Become a leader in socially accountable medicine, graduating as a highly regarded, work-ready health professional. JCU's Bachelor of Medicine, Bachelor of Surgery is the only six-year undergraduate medical course offered in Northern Australia.
- Excel with small classes and personalised support from passionate teachers in state-of-the-art facilities. Develop extensive clinical skills to make a real difference in the health of regional, rural, remote and Australian Aboriginal and Torres Strait Islander communities.
- Consolidate theoretical study with hands-on clinical placements from your first year. Gain valuable experience with extended placements in diverse communities, from the outback to the Torres Strait.
- JCU Bachelor of Medicine, Bachelor of Surgery graduates are exceptionally skilled doctors who are employed in a range of medical settings. You could find employment in various specialties across Australia and internationally.

### ★ CAREER OPPORTUNITIES

Depending on your specialisation and further study, you could find employment in a range of roles including:

- |                        |                    |
|------------------------|--------------------|
| • Anaesthetist         | • Oncologist       |
| • Cardiologist         | • Paediatrician    |
| • Dermatologist        | • Psychiatrist     |
| • Emergency Medicine   | • Radiologist      |
| • General Practitioner | • Rural Generalist |
| • Neurologist          | • Surgeon          |
| • Obstetrician         |                    |



*“I would definitely recommend the JCU Medicine program to anyone. It’s a good university. It’s six years, which is longer than the other medical schools, but I really think you need those six years, to come straight out of high school, and to grow and be ready to become a doctor. I wouldn’t change it and I wouldn’t have gone anywhere else.”*

### Dr Ainsley Walsh

BACHELOR OF MEDICINE, BACHELOR OF SURGERY  
GRADUATE





# Nursing and Midwifery

JCU Nursing and Midwifery is a leader in regional, rural and tropical healthcare sciences. A vibrant learning culture fosters highly-skilled and knowledgeable graduates. With an emphasis on person-centred, evidence-based care, Nursing and Midwifery students develop the confidence and experience to be valuable and skilled healthcare professionals.

## Graduate with confidence

#1 in Queensland for employment outcomes\*

\*Good Universities Guide 2021, UG Nursing and Midwifery

## Excellent engagement

#1 in Queensland for learner engagement\*

\*Good Universities Guide 2021, UG Nursing and Midwifery

## Ignite your career

\$65,700 Median graduate salary\*

\*Good Universities Guide 2021, UG Nursing and Midwifery

## Bachelor of Nursing Science

Fees: \$5,550\* | ATAR: 66.45

### WHAT TO EXPECT

- Work with people from diverse cultural backgrounds and plan and implement contemporary nursing care at an individual and community level.
- This three-year, full-time course focuses on nursing in our northern tropical context. It prepares you to work in multiple settings, from large metropolitan hospitals to rural and isolated practice clinics.
- JCU Nursing graduates are known for their skill, care and work across Australia and internationally. Graduates work in a variety of areas, such as metropolitan hospitals, rural and regional centres, government departments and defence, non-government agencies and community health. Your nursing career can lead to working in a wide range of areas including emergency, intensive care, mental health, aged care, cardiology, surgical, theatre and many more.



## Bachelor of Nursing Science [External]

Fees: \$5,750\* | ATAR: 66.45

### WHAT TO EXPECT

- Pursue your passion for a career in healthcare without compromising on lifestyle, with the flexibility of online study. You will receive the same qualification as the Bachelor of Nursing Science.
- Study this degree online through a combination of digital resources and some on-campus residential workshops. Benefit from excellent resources, regular tutor contact and extensive supervised professional placement and clinical experience in real-world settings, beginning in your first year.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements

## Bachelor of Nursing Science – Bachelor of Midwifery

Fees: \$4,950\* | ATAR: 83.65

### WHAT TO EXPECT

- JCU's Bachelor of Nursing Science – Bachelor of Midwifery is a comprehensive program that will prepare you for success in the healthcare industry. Follow your dream of supporting women and their families through pregnancy, birth and into motherhood, and play a vital role in promoting health and wellbeing across the life span.
- Work in JCU's well-equipped clinical simulation laboratories, studying nursing and midwifery concurrently from your first year of study. Build your knowledge and skills through extensive supervised professional practice.
- During your placements, you will apply theoretical knowledge in a practical context, for a smooth transition into the workplace. Gain experience with our partner hospitals and health services.
- Your midwifery pathway enables you to work in a variety of maternity models including midwifery group practice, birth centre care and in maternity units. Your nursing career pathway could include emergency nursing, intensive care, aero-medical services, special care nursery, women's health, child health and many others.



### ★ CAREER OPPORTUNITIES

- Royal Flying Doctor Service
- Hospitals
- Private practice
- General practice
- Australian defence force
- Community health services
- Schools
- Education
- Research
- Health tourism
- Child, youth and family health
- Caseload midwifery
- Community midwifery



*“My lecturers and tutors were always willing to offer honest feedback on assessment pieces, and I got to participate in some genuinely life-changing experiences, including working for the WHOCC conference held in Cairns in 2018. The highlight of my course was completing two rural placements in Atherton and Theodore.”*

**James Taskisiris**

BACHELOR OF NURSING SCIENCE GRADUATE



# Occupational Therapy

JCU Occupational Therapy is a leader in developing inclusive societies. Students complete 1,000 hours of clinical placements in a range of healthcare settings, including at the JCU Health Occupational Therapy Clinic, assisting them to become client-centred and holistic health professionals.

## Graduate with confidence

#1 in Queensland for employment outcomes\*

\*Good Universities Guide 2021, UG Rehabilitation

## Ignite your career

\$62,600 Median graduate salary\*

\*Good Universities Guide 2021, UG Rehabilitation

## Support to succeed

Five stars for student support\*

\*Good Universities Guide 2021, UG Rehabilitation

## Bachelor of Occupational Therapy (Honours)

Fees: \$7,450\* | ATAR: 72.45

### WHAT TO EXPECT

- Learn how to apply contemporary therapeutic approaches to enable people to participate in the activities that are important to them. Benefit from JCU Occupational Therapy's special focus on rural and remote settings.
- Learn theory, professional practice and clinical skills for a diverse range of clients and circumstances. Take part in over 1,000 hours of professional work placements to develop the experience necessary to excel in your career.
- Students graduating with the research honours major undertake a research project in an area of specialisation, while students graduating with the professional honours major undertake a professional project.

### ★ CAREER OPPORTUNITIES

- |                                |                                      |
|--------------------------------|--------------------------------------|
| • Public and private hospitals | • Schools                            |
| • Rehabilitation units         | • Independent living centres         |
| • Community health centres     | • Vocational rehabilitation settings |
| • Aged care facilities         | • Private practice                   |
| • Mental health services       |                                      |












*"Studying at JCU has provided me with so many valuable learning experiences that have expanded my knowledge and professional development. I love all that this degree has had to offer including the opportunity to complete my practical placements within rural and remote communities."*







### Mackenzie Mete

STUDYING A BACHELOR OF OCCUPATIONAL THERAPY (HONOURS)



\* Estimated annual fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Start Semester 1  Start Semester 2

 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements

# Pharmacy

Make a difference to people's lives and improve the health of communities. JCU Pharmacy is ranked the number one pharmacy degree in Queensland for learner engagement, skills development and employment outcomes.\* Prepare for career success with a JCU Pharmacy degree.

## Be in demand

#1 pharmacy degree in Queensland for graduate full-time employment\*

\*Good Universities Guide 2021, UG Pharmacy

## Hands-on experience

Develop strong clinical skills with over 600 hours of clinical placement, one of the highest in an Australian pharmacy degree

## Outstanding experience

Five stars for overall student experience\*

\*Good Universities Guide 2021, UG Pharmacy

## Bachelor of Pharmacy (Honours)

Fees: \$7,950\* | ATAR: 79.3

### WHAT TO EXPECT

- Learn about the practical use of medicines, preventative healthcare strategies, and effective communication.
- Study a comprehensive range of core subjects including chemistry, human anatomy, physiology, biology, pharmacology, therapeutics, and research.
- Become skilled through hands-on experience with clinical placements in low-resource communities, where you'll get to make a real difference to the health of regional, rural, remote, and Aboriginal and Torres Strait Islander communities.
- With over 600 hours of placement, JCU's Bachelor of Pharmacy (Honours) degree has the highest number of clinical placement hours for any undergraduate pharmacy degree within Australia.

### ★ CAREER OPPORTUNITIES

- |                                 |   |
|---------------------------------|---|
| • Community pharmacist          | • Consultant pharmacist                                     |
| • Hospital pharmacist           | • Defence Force pharmacist                                  |
| • Drug and research development | • Work in aged care homes, GP clinics and community clinics |
| • Health service management     | • Educator / Academic                                       |



*"I have had a fantastic time at JCU. I've been lucky enough to go on placement to unbelievable locations, from rural Tasmania all the way to the Torres Strait. I have had both hospital and community pharmacy experience, in metropolitan areas as well as rural and remote regions. I believe that these placement experiences are what set JCU apart from other universities."*

**Hayley Rosadi**

BACHELOR OF PHARMACY GRADUATE



# Physiotherapy

JCU Physiotherapy is a leader in improving quality of life. A strong focus on ethical and professional practice, as well as an emphasis on serving rural and remote communities, equips our students to make a difference. Knowledge and skills gained through extensive clinical placements produces graduates who are ready today for tomorrow.

## Exceptional employment outcomes

#1 in Queensland for employment outcomes\*

\*Good Universities Guide 2021, UG Rehabilitation

## Graduate with confidence

\$62,600 median graduate salary\*

\*Good Universities Guide 2021, UG Rehabilitation

## Support to succeed

Five stars for student support\*

\*Good Universities Guide 2021, UG Rehabilitation

## Bachelor of Physiotherapy

Fees: \$7,450\* | ATAR: 88.9

### WHAT TO EXPECT

- Make a difference with the Bachelor of Physiotherapy. Receive complete support with mentoring in your first year, and network with students from occupational therapy, speech pathology, and clinical exercise physiology.
- The Bachelor of Physiotherapy has a focus on ethical and professional practice alongside extensive clinical placements to be prepared for every aspect of the job. Develop professional skills to meet the needs of people in rural, remote and Indigenous communities.
- Learn from JCU's dedicated lecturers and tutors, who are leaders in their fields. Develop your clinical skills at the JCU Musculoskeletal Physiotherapy Clinic.
- JCU Physiotherapy graduates have a positive impact on their communities. You could work in aged care services, community health centres, hospitals, private practices, schools or sports and rehab clinics.

### ★ CAREER OPPORTUNITIES

- Aged care services
- Community health centres
- Hospitals
- Private practices
- Schools
- Sports and rehabilitation clinics



*“Studying physiotherapy at JCU is one of the most challenging yet rewarding experiences you can have at university. The exposure to practical skills and guidance from highly skilled educators are second to none. It’s an educational opportunity that is genuinely enjoyable and has sparked my passion for physiotherapy.”*

**Wyatt Raymond**

STUDYING A BACHELOR OF PHYSIOTHERAPY

\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements

# Planning

JCU Planning is a leader in regional planning and urban design. A focus on improving liveability in a changing climate develops graduates who deliver functional, sustainable towns and cities. Learn how to implement urban design that is resilient to disasters and protects the wellbeing of the 40 per cent of the global population living in the tropics.

## Develop a future focus

Experience urban design and sustainable town planning on multiple levels

## Shape the world

Design compassionate communities and cities for people from all backgrounds

## Experiential learning

Use knowledge developed through project-based learning and internships

## Bachelor of Planning

Fees: \$10,350\* | ATAR: 63.2

### WHAT TO EXPECT

- Study the Bachelor of Planning at JCU in the heart of tropical North Queensland. Experience the relationship and coexistence between World Heritage listed environments and rapidly expanding cities.
- Learn to apply lateral, multidisciplinary thinking when designing better cities and urban areas. Create a balance between lifestyle and sustainability to foster and support communities.
- Gain practical work experience with State Government and non-government organisations as well as private consultancies.
- Apply your conceptual and technical knowledge to the urban and regional planning discipline. You will be able to evaluate and reflect on strategic, statutory, professional and ethical frameworks to perform key urban and regional planning tasks, especially in diverse tropical contexts.
- Undertake field studies in locations where you will learn best practice for planning and preserving the world's growing cities.
- You will learn from JCU's experts on subjects including Australian landscape processes and evolution, Indigenous environment management, economic growth and sustainable development. Gain important skills such as how to use Geographical Information Systems. This course is fully accredited by the Planning Institute of Australia.
- JCU Planning graduates are qualified for high-demand positions throughout Australia. Graduates pursue diverse careers that can include developing cities, regions and urban environments to enhance social, environmental and economic wellbeing.

### ★ CAREER OPPORTUNITIES

- |                             |                              |
|-----------------------------|------------------------------|
| • Policy analyst            | • Land use planner           |
| • Transportation planner    | • Environmental assessment   |
| • City planner              | • Planning principal advisor |
| • Research analyst          | • Strategic planning manager |
| • Urban or regional planner | • Government policy officer  |



*“Planning involves people, place and the environment, both urban and natural. It’s a little bit of everything and that’s why I love it. Studying planning at JCU with a tropical focus puts students in an area of rapid change, incredible social and economic challenge and innovation.”*

**Sarah Gibson**

BACHELOR OF PLANNING GRADUATE



# Psychology

Pursue your interests through a multidisciplinary education in a supportive environment. Gain in-depth knowledge in small classes and connect with lecturers dedicated to supporting your success.

## Graduate with confidence

\$57,900 Median graduate salary\*

\*Good Universities Guide 2021, UG Psychology

## Pursue your passion

Tailor your degree with a range of electives

## Access expertise

Learn from expert academics

## Bachelor of Psychological Science

Fees: \$9,850\* | ATAR: 69.35

### WHAT TO EXPECT

- Study the human mind and develop a strong foundation of psychological theory, practice, and research skills with JCU's Bachelor of Psychological Science.
- Gain expertise in analytical thinking and scientific research methods relevant to a broad range of careers and further study.
- JCU Psychological Science graduates are sought-after professionals who excel in their chosen fields. Graduates pursue careers in areas including private practice, academic and applied research settings, counselling services, hospitals and schools.
- Tailor your degree to suit your interest. Choose from electives including organisational psychology, environmental psychology, health psychology and intercultural psychology. Build upon the foundation of your undergraduate degree to pursue further study and a career as a clinical psychologist.
- You may also be interested in the Bachelor of Business – Bachelor of Psychological Science, or the Bachelor of Sport and Exercise Science – Bachelor of Psychological Science.

### ★ CAREER OPPORTUNITIES

- Psychologist
- Community services organiser
- Clinical psychologist
- Organisational psychologist
- Business or market researcher



*Psychology at JCU is based in a small and friendly college where staff can get to know our students and offer them the kinds of support not found in other larger universities. I like working at JCU as it is a truly world-class university that produces research that makes a real difference to people's lives.*

**Dr Craig Thorley**

LECTURER

\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements

# Science

JCU Science is a leader in discovering innovative solutions to complex problems. Our lecturers empower students to discover, explore and pioneer innovative solutions through a strong focus on building hands-on, practical skills. Drive positive change with a JCU Science degree.

## Ignite your career

#1 in Queensland for full-time graduate employment\*

\*Good Universities Guide 2021, UG Science & Mathematics

## Access expertise

#1 in the world for Marine and Freshwater Biology\*\*

\*\*CWUR 2017

## Support to succeed

Five stars for learner engagement and student support\*

\*Good Universities Guide 2021, UG Science & Mathematics

## Bachelor of Advanced Science

Fees: \$6,900\* | ATAR: 92

### WHAT TO EXPECT

- Pursue excellence with JCU's Bachelor of Advanced Science. Learn from world-renowned lecturers, meet experts in their field and conduct hands-on research in North Queensland's unique tropical environment.
- Develop your passion for discovery. Choose from a set of core advanced skill subjects to develop analytical and modelling skills that are highly sought-after by future employers.
- Apply your skills and knowledge to real-world research projects and have the opportunity to be published in international scientific journals. Use your degree as a pathway to other health professions or higher research.
- JCU Advanced Science graduates are highly skilled professionals who find employment in a variety of industries. Alternatively, you can continue onto further studies with the Bachelor of Science (Honours).
- You can choose from nine different Science majors including advanced molecular and cell biology, aquaculture science and technology, chemistry, data science, earth science, marine biology, mathematics, physics, or zoology and ecology.

### ★ CAREER OPPORTUNITIES

- |                                    |                              |
|------------------------------------|------------------------------|
| • Statistician                     | • Reef restoration manager   |
| • Research and development chemist | • Marine operations manager  |
| • Medical physics specialist       | • Data scientist             |
| • Restoration ecologist            | • Natural resource scientist |



## Bachelor of Science

Fees: \$7,850\* | ATAR: 66.5

### WHAT TO EXPECT

- Develop your passion for innovation and make a genuine difference to your community and the environment. Undertake real-world research in unrivalled locations including the World Heritage listed Great Barrier Reef, the Daintree Rainforest, and dry savannas.
- Access state-of-the-art research and teaching facilities, like JCU's The Science Place. Experience a cutting edge education from the world's best institution for marine and freshwater biology studies\*\*.
- Students can tailor their degree to reflect their passions. You can choose a major as the focus of your specialisation and select a structured sequence of study in another area. For example, if you have a passion for calculations as well as the environment, you can choose to major in Mathematics while also studying Earth Science.
- You may also be interested in the Bachelor of Arts–Bachelor of Science, the Bachelor of Engineering (Honours)–Bachelor of Science, or the Bachelor of Science–Bachelor of Laws.

### ★ CAREER OPPORTUNITIES

- |                               |                             |
|-------------------------------|-----------------------------|
| • Analytical chemist          | • Fisheries liaison manager |
| • Nature conservation officer | • Marine biologist          |
| • Hydrologist                 | • Molecular cell biologist  |
| • DataOps analyst             | • Quantitative analyst      |

### MAJORS

#### Aquaculture Science and Technology

Benefit from access to the Marine and Aquaculture Research Facility for the hands-on discovery of the sustainable practices of aquaculture. Students explore the scientific and practical applications of breeding, rearing and harvesting of plants and animals in all types of water environments. JCU graduates have a deep understanding of the biodiversity of species, the design of aquaculture systems and the basics of nutrition.





# Science

JCU Science is a leader in discovering innovative solutions to complex problems. Our lecturers empower students to discover, explore and pioneer innovative solutions through a strong focus on building hands-on, practical skills. Drive positive change with a JCU Science degree.

## Ignite your career

#1 in Queensland for full-time graduate employment\*

\*Good Universities Guide 2021, UG Science & Mathematics

## Access expertise

#1 in the world for Marine and Freshwater Biology\*\*

\*\*CWUR 2017

## Support to succeed

Five stars for learner engagement and student support\*

\*Good Universities Guide 2021, UG Science & Mathematics

### Chemistry

With award-winning laboratories at the JCU Science Place and access to industry leaders, students benefit from small class sizes and the personalised approach of lecturers. Accredited by the Royal Australian Chemical Institute (RACI), a JCU Chemistry major provides skills in analytical chemistry, synthetic, organic and inorganic chemistry and kinetics and mechanisms of chemical reactions.



### Data Science

Experience the power of data visualisation, Big Data and machine learning. Learn how to develop sophisticated algorithms and create innovative solutions to contemporary problems. Mastermind database systems, programs, models and projects. Learn from experts and become part of the exponentially growing field of data science. Be at the forefront of the data science revolution with a Data Science major.



### Earth Science

Be ready to tackle some of the most important challenges of our day, from climate change and environmental issues to natural resource exploration and management. You'll develop practical skills and undertake fieldwork in JCU's unique natural reef-to-outback setting. Strong fundamentals in geology, physical geography, water, soil, climate and environmental science prepare graduates for a range of high-paying jobs.



### Internet of Things

Pioneer the future of technology with a major in Internet of Things (IoT). Experience the ever-expanding area of information technology and electronic engineering and learn from leading scientists and engineers. Study microcontroller programming, electric circuits and circuit theory, sensor technologies and statistical data mining for big data. You will graduate with the skills and knowledge required for a career in IoT.



### Marine Biology

Learn from world-leading marine biologists and undertake hands-on research in one of the world's most spectacular marine ecosystems — the Great Barrier Reef. Gain valuable experiences through field-based learning at JCU Orpheus Island Research Station and international tropical

locations. Students also benefit from researchers' strong links with marine industries. Graduates deeply understand, and are equipped to address, the critical challenges facing marine and coastal ecosystems worldwide.



### Mathematics

Develop highly sought-after problem-solving, analytical and quantitative reasoning skills. You'll gain a thorough understanding of mathematical techniques in areas such as optimisation, probability and data analysis. JCU graduates have skills to formulate mathematical models applicable in science and engineering contexts and use various techniques to understand their properties.



### Molecular and Cell Biology

Study the basis of health and disease at a molecular level and analyse the functions of a whole cell. Gain hands-on experience using cutting edge equipment and techniques. Learn how to amplify and edit DNA sequences and conduct laboratory and field-based projects. Graduates can work towards developments of modern medicine and biotechnology.



### Physics

Develop the expertise to explore some of the universe's most challenging questions. Accredited by the Australian Institute of Physics, a JCU Physics major provides you with knowledge and skills across multiple physics disciplines. Learn the fundamentals of energy, quantum mechanics, relativity, antimatter, oceanography, meteorology and climate. Develop critical thinking and problem-solving skills through exploration of biophysics, molecular electronics and organic solar cells.



### Zoology and Ecology

Study the organisms surrounding us, and the factors that impact them, in some of the most beautiful and diverse tropical areas in the world. Through hands-on experiences, in a range of wilderness areas, you'll develop the skills you need to understand, conserve and protect vulnerable fauna and flora. Learn professional approaches to tackle conservation of rare species, control of pests and invasive organisms, the complexities of animal behaviour and ecological modelling of complex scenarios.



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND** JCU Cairns JCU Townsville JCU Mackay JCU Mt Isa JCU Singapore JCU Brisbane Study online Start Semester 1 Start Semester 2  
 Course duration in years Professional placements Professional accreditation Work Integrated Learning (WIL) Field trips Clinical placements



*"I love the challenge of science — there is so much to learn and many new things still to come. It's an area where we can never fully be right, our theories are correct based on what we know at the time. There is so much that is unknown and it fascinates me. I studied a Bachelor of Advanced Science at JCU because I wanted to push myself and the program focused on building skills relevant for the workplace. The work placement component of the degree taught me so much about not only the physics involved but what the career pathway truly entails."*

**Mikala Wright**

STUDYING BACHELOR OF ADVANCED SCIENCE, MAJORING IN PHYSICS WITH MINORS IN CHEMISTRY AND ADVANCED MATHEMATICS



# Social Work

JCU Social Work is a leader in collaborative learning. A focus on professional practice experience encourages our students to develop a deep understanding of social justice and sustainable societies.

## Set for success

#1 in Queensland for full-time graduate employment\*

\*Good Universities Guide 2021, UG Social Work

## Practical learning

Benefit from 1,000 hours of placement

## Graduate career ready

#1 in Queensland for median graduate salary\*

\*Good Universities Guide 2021, UG Social Work

## Bachelor of Social Work

**Fees:** \$11,900\* | **ATAR:** 66.5

### WHAT TO EXPECT
















- A Bachelor of Social Work from JCU provides you with the practical skills and experience to begin a rewarding career, with a focus on Aboriginal and Torres Strait Islander people and diverse cultures and communities.
- Learn how to promote positive relationships and champion a just and equitable society. Benefit from passionate educators, state-of-the-art social research technology and real-world case studies, with an emphasis on sustainability and advocacy.
- Apply your theoretical knowledge to practice through comprehensive field placements in your third and fourth years. Choose from an extensive list of placement settings and organisations, and tailor your placement experience to your particular interest area. Placement options include Queensland Health, the Department of Children, Youth Justice, Multicultural Affairs, and a wide range of other government and non-government agencies.
- JCU Social Work graduates are equipped to advocate for social justice and change in a broad range of environments.

### ★ CAREER OPPORTUNITIES

- Child protection officer
- Mental health counsellor
- Health policy officer
- Health services manager
- Social worker
- Youth worker
- School counsellor



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Start Semester 1  Start Semester 2  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements



*“My time at JCU has been filled with highlights throughout study, placement, on-campus student activities, and international exchange programs. A highlight has been the chance to mentor first year social work students through the Student Mentor Program and give back to the JCU community.”*

**Finola Rytönen**

STUDYING A BACHELOR OF SOCIAL WORK



# Speech Pathology

JCU Speech Pathology is a leader in improving the lives of people of all ages, particularly those in rural and remote communities. Graduates gain valuable skills and benefit from diverse educational and placement experiences. Develop a competitive edge with a Speech Pathology degree.

## Exceptional outcomes

#1 in Queensland for employment outcomes\*

\*Good Universities Guide 2021, UG Rehabilitation

## Graduate with confidence

\$62,600 median graduate salary\*

\*Good Universities Guide 2021, UG Rehabilitation

## Support to succeed

Five stars for student support\*

\*Good Universities Guide 2021, UG Rehabilitation

## Bachelor of Speech Pathology (Honours)

**Fees:** \$8,100\* | **ATAR:** 75.7

### WHAT TO EXPECT

- Build a foundation for helping patients. Acquire a thorough understanding in areas such as anatomy, linguistics, psychology and communication development and impairment.
- Merge theory with real-world situations throughout your speech pathology degree. Learn how to diagnose and manage a diverse range of cases and benefit from JCU's on-campus speech and language clinic. Develop specialist skills to work with children and adults to promote speech and swallowing improvement.
- Practical placements challenge you to apply your theoretical knowledge in a variety of settings. You will have the opportunity to complete placements in rural and Indigenous communities, as well as overseas.
- You can complete a research project for this course as part of the Professional Honours degree or a Research Honours degree.

### ★ CAREER OPPORTUNITIES

- Education settings
- Hospitals
- Community health centres
- Mental health services
- Disability services
- Private practice


















*“Speech pathologists go through the human lifespan. You can get jobs in paediatrics — right from when babies are born — all the way through to palliative care. There are so many different places we can work, and we’re in really high demand, especially in rural areas.”*

**Nicole Dunn**

BACHELOR OF SPEECH PATHOLOGY GRADUATE

\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Start Semester 1  Start Semester 2  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements

# Sport and Exercise Science

JCU Sport and Exercise Science is a leader in enhancing physical performance for everyone from elite athletes to people with chronic conditions. Develop an understanding of the science behind human movement. A focus on building practical skills produces well-rounded graduates who are ready today for tomorrow.

## Graduate with confidence

#1 in Queensland for full-time employment outcomes\*

\*Good Universities Guide 2021, UG Health Services

## Go beyond the classroom

Gain experience at state-of-the-art facilities such as the JCU Movement Analysis Lab

## Strong networks

Get a professional headstart through placements with local and regional organisations

## Bachelor of Sport and Exercise Science

**Fees:** \$9,450\* | **ATAR:** 69.35

### WHAT TO EXPECT

- Make a difference in the lives of individuals and communities. Improve the quality of life for people, help athletes enhance their performance or teach the next generation the importance of nutrition and exercise.
- Participate in research that matters, learning about the processes of human physical activity and contributing to important international research initiatives. Gain practical experience and clinical skills in JCU's world-class training facilities, as well as the Cowboys Community, Training and High Performance Centre.
- Understand how to empower others to incorporate exercise as part of an overall wellness plan, and see first-hand how sports can make a difference in marginalised communities.
- The Bachelor of Sport and Exercise Science teaches you the processes and mechanisms underlying physical activity, which allows you to operate in many fields.
- You may also be interested in the Bachelor of Sport and Exercise Science – Bachelor of Psychological Science.

### ★ CAREER OPPORTUNITIES

- |                                  |  |
|----------------------------------|--|
| • Private or community practices | • Occupational health and safety roles |
| • Health promotion agencies      | • Exercise and sport research          |
| • Sport and recreation roles     | • Rehabilitation aid                   |





# Tourism, Hospitality and Events

JCU Tourism, Hospitality and Events is a leader in hospitality, tourism and event management. Small classes allow students to access highly qualified and experienced lecturers who are experts in their field.

## Graduate with experience

Be work-ready with 400 hours of professional practice and skills development

## Internships

Take part in internships with world-renowned industry partners while you gain qualifications

## Unique opportunities

Learn in the prime international tourist destination of Cairns, home to two World Heritage Sites

## Bachelor of Tourism, Hospitality and Events

**Fees:** \$13,800\* | **ATAR:** 59.4

### WHAT TO EXPECT















- Develop community and industry partnerships, and network with JCU's widespread business partnerships and international alumni. Attend field trips, hear from highly experienced guest lecturers, and complete industry-based assessments.
- Design and deliver tourism, hospitality and events services and experiences with professional practice subjects and 400 hours of skills development. You have the option to gain Barista, Responsible Service of Alcohol, OPERA reservation system, and Front Office and Customer Service qualifications during this course.
- Thrive at Australia's first tourism school, established in the prime international tourist destination of Cairns. Develop professional skills with industry partners in two World Heritage sites: the Great Barrier Reef and the Daintree Rainforest. Learn the intricacies of conference and event management and the logistics and operations behind hospitality.
- JCU Tourism, Hospitality and Events graduates are multi-skilled business professionals who find opportunities in a variety of careers.

### ★ CAREER OPPORTUNITIES

- |   |   |
|---|---|
| • Sports and venue management                   | • Hotel and resort management           |
| • Meetings, conferences, events and exhibitions | • Food & beverage operations management |
| • Small business entrepreneur                   | • Guest service management              |



\* Estimated annual Commonwealth supported fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

**LEGEND**  JCU Cairns  JCU Townsville  JCU Mackay  JCU Mt Isa  JCU Singapore  JCU Brisbane  Study online  Trimester intake  
 Course duration in years  Professional placements  Professional accreditation  Work Integrated Learning (WIL)  Field trips  Clinical placements

# Veterinary Science

JCU Veterinary Science is a leader in animal science and veterinary practice. Develop specialist skills through hands-on learning in state-of-the-art facilities and unique placements. Make a difference with a Veterinary Science degree.

## Superior study

#1 in Australia for overall educational experience\*

\*Good Universities Guide 2021, UG Veterinary Science

## Exceptional employment outcomes

#1 in Australia for full-time employment outcomes\*

\*Good Universities Guide 2021, UG Veterinary Science

## Support to succeed

#1 in Australia for skills development and student support\*

\*Good Universities Guide 2021, UG Veterinary Science

## Bachelor of Veterinary Science (Honours)

Fees: \$10,250\* | ATAR: Special Entry Requirements

### WHAT TO EXPECT

- Make a difference in animal health and welfare with JCU's emphasis on rural and tropical practice. Be equipped with the skills to diagnose, treat and prevent disease in a wide range of companion, production, aquatic and native animals.
- Learn today how to meet tomorrow's demands in sustainable animal farming and increased expectations for animal health and welfare. You will gain in-depth foundational knowledge throughout your degree, as well as focused rural and tropical veterinary science skills.
- Take advantage of JCU's real-world teaching settings, including an on-campus Veterinary and Emergency Centre and Hospital and a local working cattle station for livestock production. In your final two years, you will complete a variety of clinical placements in both rural and urban settings.
- JCU Veterinary Science graduates can find employment in a range of areas that include veterinary clinics, veterinary hospitals, agriculture, biosecurity, quarantine, public health, zoos and wildlife sanctuaries. Many pursue research in areas such as clinical animal sciences, pharmacology and biomedicine.

### ★ CAREER OPPORTUNITIES

- |                        |                                 |
|------------------------|---------------------------------|
| • Veterinary clinics   | • Quarantine                    |
| • Veterinary hospitals | • Public health                 |
| • Agriculture          | • Zoos and Wildlife sanctuaries |
| • Biosecurity          |                                 |





# 2022 Undergraduate degrees and diplomas

									VET Pathways					
Bachelor Degrees with Majors	Prerequisite subjects	Years	Campus availability and QTAC codes				Intake	ATAR	Completed Certificate III	Completed Certificate IV	Completed AQF Diploma	Fees* (per year)	Page no.	
			Cairns	Townsville	Online	Other								
Arts														
Anthropology	English	3	321031	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	30	
Archaeology	English	3	321031	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	30	
Criminology	English	3	-	311031	311039	-	Feb, July	59.4	#	Yes	Yes	\$13,400	30	
Design & Creative Arts	English	3	TBA	TBA	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	31	
English	English	3	321031	311031	311039	-	Feb, July	59.4	#	Yes	Yes	\$13,400	31	
History	English	3	321031	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	31	
Human Geography	English	3	321031	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	31	
Human Services	English	3	321031	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	31	
Indigenous Studies	English	3	321031	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	31	
Modern Languages	English	3	321031	311031	311039	-	Feb, July	59.4	#	Yes	Yes	\$13,400	31	
Multimedia Journalism & Writing	English	3	-	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	31	
Politics & International Relations	English	3	321031	311031	311039	-	Feb, July	59.4	#	Yes	Yes	\$13,400	32	
Psychological Studies	English	3	-	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	32	
Sociology	English	3	321031	311031	-	-	Feb, July	59.4	#	Yes	Yes	\$13,400	32	
Biomedicine	English; Chemistry; Mathematical Methods Recommended: one of Biology, Health Education, Physical Education or Physics	3	-	316071	-	-	Feb	65.4	#	#	#	\$7,950	34	
Business														
Business Intelligence & Information Systems	English; (Mathematical Methods desirable)	3	322151	312151	312159	-	Feb, May, Sept	59.4	#	Yes	Yes	\$13,250	36	
Hospitality & Tourism Management	English; (Mathematical Methods desirable)	3	-	-	312159	-	Feb, May, Sept	59.4	#	Yes	Yes	\$13,250	36	
Human Resources Management	English; (Mathematical Methods desirable)	3	322151	312151	312159	-	Feb, May, Sept	59.4	#	Yes	Yes	\$13,250	36	
International Business	English; (Mathematical Methods desirable)	3	322151	312151	312159	-	Feb, May, Sept	59.4	#	Yes	Yes	\$13,250	36	
Management	English; (Mathematical Methods desirable)	3	322151	312151	312159	-	Feb, May, Sept	59.4	#	Yes	Yes	\$13,250	38	
Marketing for the Digital Age	English; (Mathematical Methods desirable)	3	-	312151	312159	-	Feb, May, Sept	59.4	#	Yes	Yes	\$13,250	38	
Sports & Events Management	English; (Mathematical Methods desirable)	3	-	312151	312159	-	Feb, May, Sept	59.4	#	Yes	Yes	\$13,250	38	
Business & Environmental Science	English; Maths B	3	-	316341	-	-	Yes	63.2				\$11,650	38	
Commerce														
Accounting	English; (Mathematical Methods desirable)	3	322021	312021	312029	-	Feb, June, Sept	59.4	#	Yes	Yes	\$13,100	39	
Banking and Finance	English; (Mathematical Methods desirable)	3		312021	312029	-	Feb, June, Sept	59.4	#	Yes	Yes	\$13,100	39	
Business Law	English; (Mathematical Methods desirable)	3			312029	-	Feb, June, Sept	59.4	#	Yes	Yes	\$13,100	39	
Economics	English; (Mathematical Methods desirable)	3		312021	312029	-	Feb, June, Sept	59.4	#	Yes	Yes	\$13,100	39	
Financial Management	English; (Mathematical Methods desirable)	3		312021	312029	-	Feb, June, Sept	59.4	#	Yes	Yes	\$13,100	39	
International Trade	English; (Mathematical Methods desirable)	3			312029	-	Feb, June, Sept	59.4	#	Yes	Yes	\$13,100	39	
Clinical Sciences (Honours)	English; Chemistry; Mathematical Methods Recommended: One of Biology, Health Education, Physical Education or Physics	4	-	317291	-	-	Feb	69.15	#	#	#	\$7,950	35	
Dental Surgery	English; Chemistry; Mathematical Methods Recommended: Biology + separate JCU application	5	327091	-	-	-	Feb		No	No	No	\$9,600	40	

## Degree and Diploma overview

Bachelor Degrees with Majors	Prerequisite subjects	Years	Campus availability and QTAC codes				Intake	ATAR	VET Pathways				Fees* (per year)	Page no.
			Cairns	Townsville	Online	Other			Completed Certificate III	Completed Certificate IV	Completed AQF Diploma			
Education (Early Childhood Education)	English; Maths General, Methods or Specialist; plus a General Science subject	4	323311	313311	313319	-	Feb, July	73.3	No	#	#	\$3,950	42	
Education (Primary)	English; Maths General, Methods or Specialist; plus a General Science subject	4	323211	313211	313219	-	Feb, July	73.3	No	#	#	\$4,850	42	
Education (Secondary)	English; Maths General, Methods or Specialist	4	323111	313111	-	-	Feb, July	73.3	No	#	#	\$7000	44	
Engineering (Honours)														
Chemical	English; Mathematical Methods;	4	324021 <sup>1</sup>	314021	-	-	Feb, July	78.1	No	No	#	\$9,527	46	
Civil	English; Mathematical Methods	4	324021 <sup>1</sup>	314021	-	-	Feb, July	78.1	No	No	#	\$9,527	46	
Electrical & Electronic	English; Mathematical Methods	4	324021	314021	-	-	Feb, July	78.1	No	No	#	\$9,527	46	
Electronic Systems & Internet of Things	English; Mathematical Methods	4	324021	314021 <sup>2</sup>	-	-	Feb	78.1	No	No	#	\$9,527	46	
Mechanical	English; Mathematical Methods	4	324021 <sup>1</sup>	314021	-	-	Feb, July	78.1	No	No	#	\$9,527	46	
Environmental Practice														
Biodiversity Assessment & Management	Assumed Knowledge: English; Mathematical Methods; Recommended Study: At least one of Biology, Chemistry, Earth Science, Geography, Maths C or Physics	3	326431	316431	-	-	Feb, July	63.2	Yes	Yes	Yes	\$7,750	48	
Corporate Environmental Management	Assumed Knowledge: English; Mathematical Methods; Recommended Study: At least one of Biology, Chemistry, Earth Science, Geography, Maths C or Physics	3	326431	316431	-	-	Feb, July	63.2	Yes	Yes	Yes	\$7,750	48	
Land & Water Management	Assumed Knowledge: English; Mathematical Methods; Recommended Study: At least one of Biology, Chemistry, Earth Science, Geography, Maths C or Physics	3	326431	316431	-	-	Feb, July	63.2	Yes	Yes	Yes	\$7,750	48	
Geology	Assumed Knowledge: English; Mathematical Methods; Recommended Study: At least one of Biology, Chemistry, Earth Science, Geography, Maths C or Physics	3	326311 <sup>1</sup>	316311	-	-	Feb, July	66.5	Yes	Yes	Yes	\$7,550	50	
Information Technology	English; (Mathematical Methods desirable)	3	322341	312341	312349	-	Feb, July	63.2	#	Yes	Yes	\$7,500	52	
Laws	English	3	321061	311061	-	-	Feb, July	75.7	No	No	Yes	\$14,500	54	
Marine Science	Assumed Knowledge: English; Mathematical Methods Recommended Study: At least one of Biology, Physics, Maths C, Earth Science or Geology	3	-	316251	-	-	Feb, July	78.1	No	No	Yes	\$7,250	56	
Medical Laboratory Science (Honours)	English, Mathematical Methods; Chemistry Recommended: one of Biology, Health Education, Physical Education or Physics	4	-	316121	-	-	Feb	69.15	#	#	#	\$7,950	35	
Medicine, Surgery	English; Mathematical Methods; Chemistry; + 6 separate JCU application and an interview	6	-	317012	-	-	Feb	-	No	No	No	\$11,300	57	
Nursing Science (Pre-registration)	English. Recommended: Biology; Chemistry and one of General Mathematics, Mathematical Methods or Specialist Mathematics	3	326031	316031	336031 (Mk) 346031 (Mt)	-	Feb, July	66.45	#	Yes	Yes	\$5,550	58	
Nursing Science (Pre-registration) [External]	English. Recommended: Biology; Chemistry and one of General Mathematics, Mathematical Methods or Specialist Mathematics	3	-	-	316139	-	Feb, July	66.45	#	Yes	Yes	\$5,750	58	
Nursing Science - Midwifery	English. Recommended: Biology; Chemistry and one of General Mathematics, Mathematical Methods or Specialist Mathematics	4	-	317122	-	-	Feb	83.65	No	No	Yes	\$4,950	58	



## Degree and Diploma overview

Degree and Diploma overview									VET Pathways				
Bachelor Degrees with Majors	Prerequisite subjects	Years	Campus availability and QTAC codes				Intake	ATAR	Completed Certificate III	Completed Certificate IV	Completed AQF Diploma	Fees* (per year)	Page no.
			Cairns	Townsville	Online	Other							
Occupational Therapy (Honours)	English; plus one of Chemistry, Biology, Physics, Psychology, Physical Education or Health Education	4	-	316101	-	-	Feb	72.45	#	#	#	\$7,450	60
Pharmacy (Honours)	English; Mathematical Methods; Chemistry	4	TBA <sup>6</sup>	316151	-	(Mk) <sup>6</sup>	Feb	79.3	No	#	#	\$7,950	61
Physiotherapy	English; Mathematical Methods; plus one of Chemistry, Biology, Physics, Physical Education, Psychology or Health Education	4	-	317031	-	-	Feb	88.9	No	No	#	\$7,450	62
Planning	English	4	326271	316271	-	-	Feb, July	63.2	#	Yes	Yes	\$10,350	63
Psychological Science	English	3	-	311081	-	-	Feb, July	69.35	#	Yes	Yes	\$9,850	64
Science													
Aquaculture Science & Technology	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	326061 <sup>1</sup>	316061	-	-	Feb, July	66.5	Yes	Yes	Yes	\$7,850	65
Chemistry	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	-	316061	-	-	Feb	66.5	Yes	Yes	Yes	\$7,850	66
Data Science	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	326061	316061	-	-	Feb, July	66.5	Yes	Yes	Yes	\$7,850	66
Earth Science	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	326061	316061	-	-	Feb, July	66.5	Yes	Yes	Yes	\$7,850	66
Marine Biology	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	326061 <sup>1</sup>	316061	-	-	Feb, July	66.5	Yes	Yes	Yes	\$7,850	66
Mathematics	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	326061 <sup>1</sup>	316061	-	-	Feb, July	66.5	Yes	Yes	Yes	\$7,850	66
Molecular & Cell Biology	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	-	316061	-	-	Feb, July	66.5	Yes	Yes	Yes	\$7,850	66
Physics	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	-	316061	-	-	Feb	66.5	Yes	Yes	Yes	\$7,850	66
Zoology & Ecology	Assumed Knowledge: English; Mathematical Methods Recommended Study: at least one of Chemistry, Biology, Earth Science, Geography, Physics or Maths C	3	326061	316061	-	-	Feb, July	66.5	Yes	Yes	Yes	\$7,850	66
Advanced Science - Majors as above	English; Mathematical Methods Recommended Study: At least one of Biology, Chemistry, Physics or Maths C	3	326361	316361	-	-	Feb	92	No	No	No	\$6,900	65
Social Work	English	4	321091	311091	311099	-	Feb, July	66.5	#	Yes	Yes	\$11,900	68
Speech Pathology (Honours)	English; plus one of Chemistry; Biology; Physics, Psychology or Health Education	4	-	317041	-	-	Feb	75.7	No	#	#	\$8,100	70
Sport & Exercise Science	English; General Mathematics, Mathematical Methods or Specialist Mathematics Recommended: one of Biology, Chemistry, Physics, Psychology, Health Education or Physical Education	3	-	316111	-	-	Feb	69.35	#	#	#	\$9,450	71
Technology and Innovation													
Data Science	English. Assumed Knowledge: Mathematical Methods	3	322361	312361	-	-	Feb, July	73.3	No	Yes	Yes	\$7,950	52
Information Technology	English. Assumed Knowledge: Mathematical Methods	3	322361	312361	-	-	Feb, July	73.3	No	Yes	Yes	\$7,950	52
Tourism, Hospitality and Events	English; (Mathematical Methods desirable)	3	322371	-	-	-	Feb, July	59.4	#	Yes	Yes	\$13,800	72
Veterinary Science	English; Chemistry; Mathematical Methods Recommended: Biology (highly desirable) + separate JCU application <sup>3</sup>	5	-	317051	-	-	Feb	-	No	No	No	\$10,250	73

## Degree and Diploma overview

Joint Degrees	Prerequisite subjects	Years	Campus availability and QTAC codes				Intake	ATAR	VET Pathways				Fees* (per year)	Page no.
			Cairns	Townsville	Online	Other			Completed Certificate III	Completed Certificate IV	Completed Certificate V	Completed AQF Diploma		
Arts - Business	English; (Mathematical Methods desirable)	4	321491	311491	311499	-	Feb, July	59.4	#	Yes	Yes	\$12,750		
Arts - Laws	English	5	321521	311521	-	-	Feb, July	69.4	#	Yes	Yes	\$14,500		
Arts - Science	English; Mathematical Methods. Students considering Science majors in Chemistry or Molecular and Cell Biology will require Senior Chemistry (or equivalent)	4	321511	311511	-	-	Feb, July	66.5	#	#	#	\$11,050		
Business - Laws	English	5	321531	311531	-	-	Feb, July	69.4	#	Yes	Yes	\$13,500		
Business - Psychological Science	English. Recommended: Mathematical Methods	4	-	311551	-	-	Feb, July	69.4	#	Yes	Yes	\$11,200		
Engineering (Honours) - Information Technology	English; Mathematical Methods	5	324071 <sup>1</sup>	314071 <sup>2</sup>	-	-	Feb, July	78.1	No	No	#	\$6,950		
Engineering (Honours) - Science	English; Mathematical Methods; Students considering the Molecular and Cell Biology major will require Senior Chemistry (or equivalent)	5	324051 <sup>1</sup>	314051 <sup>2</sup>	-	-	Feb, July	78.1	No	No	#	\$7,000		
Science - Laws	English; Mathematical Methods. Students considering Science majors in Chemistry or Molecular and Cell Biology will require Senior Chemistry (or equivalent)	5	321541	311541	-	-	Feb, July	66.5	#	#	#	\$11,250		
Sport & Exercise Science - Psychological Science	English; General Mathematics, Mathematical Methods or Specialist Mathematics Recommended: one of Biology, Chemistry, Physics, Psychology, Health Education or Physical Education	5	-	317161	-	-	Feb	69.35	#	#	#	\$9,600		

Please note, campus availability and mid-year entry for joint degrees depends on major chosen. Visit: [jcu.edu.au/courses](http://jcu.edu.au/courses)

### Diploma

Diploma of Higher Education Business <sup>4</sup>	English; (Mathematical Methods desirable)	1	320011	310011	310019	-	Feb, July	50.85	#	Yes	Yes	\$9,200	24
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### Pathway Programs

#### Diploma of Higher Education

Business Studies <sup>5</sup>	English language proficiency	1	320021	310021	yes	-	-	-	-	-	-	\$9,200	24
Dentistry (Indigenous Pathway)	Special entry requirements	TBA	TBA	TBA	TBA	-	-	-	-	-	-	\$9,200	24
Education	English language proficiency	1	320091	310091	yes	-	-	-	-	-	-	\$9,200	24
Engineering & Applied Science	English language proficiency	1	320041	310041	yes	-	-	-	-	-	-	\$9,200	24
General Studies	English language proficiency	1	320001	310001	yes	-	-	-	-	-	-	\$9,200	24
Health	English language proficiency	1	320061	310061	yes	-	-	-	-	-	-	\$9,200	24
Information Technology	English language proficiency	1	320071	310071	yes	-	-	-	-	-	-	\$9,200	24
Science	English language proficiency	1	320031	310031	yes	-	-	-	-	-	-	\$9,200	24
Social Work	English language proficiency	1	320081	310081	yes	-	-	-	-	-	-	\$9,200	24
Society & Culture	English language proficiency	1	320051	310051	yes	-	-	-	-	-	-	\$9,200	24

<sup>1</sup> First year is also available at JCU Cairns (you must transfer to JCU Townsville to complete your course) <sup>2</sup> First year is also available at JCU Townsville (you must transfer to JCU Cairns to complete your degree) <sup>3</sup> Additional application due to JCU by 30 September 2021 <sup>4</sup> The Diploma of Higher Education, Business is offered both internally and online and can be undertaken concurrently with another degree. On completion you have the option of entering the second year of the Bachelor of Business. <sup>5</sup> The Diploma of Higher Education, Business Studies is a face-to-face course for students seeking extra support during their studies. On completion you have the option of entering a number of JCU's degree programs. <sup>6</sup> Awaiting Accreditation Approval

(Mt) = Mount Isa (Mk) = Mackay (Th) = Thursday Island (Rk) = Rockhampton

(Flex) = flexible delivery including online learning with some compulsory residential periods on JCU Townsville SER = Special Entry Requirements

# = Meets rank but not some prerequisites. Please contact student enquiries for more information.

\* Estimated annual fee, plus Student Services and Amenities fee. Fee deferral and scholarships available if eligible



# Prerequisite subject equivalents

Interstate, International Baccalaureate (IB) and New Zealand

QLD (from 2020)*	QLD (up to and including 2019)*	ACT	NSW	SA/NT
<b>Units 3&amp;4 - Grade C or better</b>	<b>4 semesters at Sound Achievement (SA) or better</b>	50%+ (as percentage grade) in T Majors only*	50%+ (average of examination mark and school assessment)*	D or better (from Publicly Examined Subjects [PES] only)*
<ul style="list-style-type: none"> <li>English</li> <li>English and Literature • Extension</li> <li>English as an additional language</li> <li>Literature</li> <li>Queensland Senior External Examination</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>English for ESL Learners</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>Language and Literature</li> <li>World Literature</li> <li>ESL</li> </ul>	<ul style="list-style-type: none"> <li>English Standard</li> <li>English Advanced</li> <li>ESL</li> <li>English Extension 1</li> <li>English Extension 2</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>English Studies</li> <li>ESL</li> <li>English Communication</li> <li>English Literary Studies</li> <li>English as an Additional Language</li> </ul>
<ul style="list-style-type: none"> <li>General Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics A</li> </ul>	<ul style="list-style-type: none"> <li>Mathematical Applications</li> </ul>	<ul style="list-style-type: none"> <li>General Mathematics</li> <li>Maths in Society</li> <li>Maths in Practice</li> <li>Mathematics General 2</li> </ul>	<ul style="list-style-type: none"> <li>Quantitative Methods</li> <li>Mathematical Methods (up to 2016)</li> <li>General Mathematics</li> </ul>
<ul style="list-style-type: none"> <li>Mathematical Methods</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics B</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics</li> <li>Specialist Mathematics</li> <li>Mathematical Methods</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics 2 unit</li> <li>Mathematics (3U to 4U)</li> <li>Mathematics Extension 1 and 2</li> </ul>	<ul style="list-style-type: none"> <li>Mathematical Studies</li> <li>Mathematics 1</li> <li>Mathematical Methods (from 2017)</li> </ul>
<ul style="list-style-type: none"> <li>Specialist Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics C</li> </ul>	<ul style="list-style-type: none"> <li>Specialist Mathematics</li> <li>Mathematics Advanced Extended</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics (3U to 4U)</li> <li>Mathematics Extension 1 and 2</li> </ul>	<ul style="list-style-type: none"> <li>Specialist Mathematics</li> <li>Mathematics 2</li> </ul>
<ul style="list-style-type: none"> <li>Physics</li> </ul>	<ul style="list-style-type: none"> <li>Physics</li> </ul>	<ul style="list-style-type: none"> <li>Physics</li> <li>Electronics</li> </ul>	<ul style="list-style-type: none"> <li>Science (3U or 4U)</li> <li>Physics (2U)</li> <li>Physics</li> </ul>	<ul style="list-style-type: none"> <li>Physics</li> </ul>
<ul style="list-style-type: none"> <li>Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>Science (3U or 4U)</li> <li>Chemistry (2U)</li> <li>Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>Chemistry</li> </ul>
<ul style="list-style-type: none"> <li>Biology or</li> <li>Biological Sciences</li> </ul>	<ul style="list-style-type: none"> <li>Biology or</li> <li>Biological Sciences</li> </ul>	<ul style="list-style-type: none"> <li>Biology</li> <li>Human Biology</li> <li>Biological Sciences</li> </ul>	<ul style="list-style-type: none"> <li>Biology (2U)</li> <li>Biology</li> </ul>	<ul style="list-style-type: none"> <li>Biology</li> </ul>

This table is a guide. Please contact our Student Centre for further information on 1800 246 446

\* Includes external Year 12 subjects

TAS	VIC	WA	IB	NZ
Sound Achievement or better (exit level of achievement)*	25+ (study score)*	50%+ (subjects scaled mark)*	HL: 3 or higher SL: 4 or higher*	2.0 (achieved or better at NCEA Level 3)*
<ul style="list-style-type: none"> <li>•English</li> <li>•Literature</li> <li>•Writer's Workshop</li> <li>•World Literature</li> <li>•English Studies</li> <li>•English Communications</li> <li>•English Writing</li> </ul>	<ul style="list-style-type: none"> <li>•English</li> <li>•English (ESL)</li> <li>•Literature</li> <li>•English Language</li> </ul>	<ul style="list-style-type: none"> <li>•English</li> <li>•English (Stage 2 or 3)</li> <li>•English for ESL Students</li> <li>•English Literature</li> <li>•English Course</li> <li>•English as an Additional Language or Dialect</li> </ul>	<ul style="list-style-type: none"> <li>•English A1 (HL or SL)</li> <li>•English A2 (HL or SL)</li> <li>•English B (HL or SL)</li> <li>•English A: Language and Literature</li> <li>•English A: Literature</li> </ul>	<ul style="list-style-type: none"> <li>•English</li> </ul>
<ul style="list-style-type: none"> <li>•Mathematics Applied</li> <li>•Mathematics Applied Senior Secondary 5C</li> <li>•Mathematical Methods-Foundation</li> <li>•General Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>•Further Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>•Mathematics 1</li> <li>•Mathematics IV</li> <li>•Modelling with Mathematics</li> <li>•Mathematics Stage 2C/D</li> <li>•Mathematics Stage 3A/B</li> <li>•Discrete Mathematics</li> <li>•Mathematics Applications</li> </ul>	<ul style="list-style-type: none"> <li>•Mathematical Studies (SL)</li> </ul>	<ul style="list-style-type: none"> <li>•Statistics and Modelling</li> <li>•Statistics</li> <li>•Mathematics</li> </ul>
<ul style="list-style-type: none"> <li>•Mathematics Methods Senior Secondary 5C</li> <li>•Mathematics Methods</li> <li>•Maths Stage 2 or 3</li> <li>•Algebra and Geometry</li> <li>•Analysis and Statistics</li> <li>•Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>•Mathematical Methods</li> </ul>	<ul style="list-style-type: none"> <li>•Calculus</li> <li>•Applicable Mathematics</li> <li>•Mathematics II</li> <li>•Mathematics Stage 3C/D</li> <li>•Mathematics Specialist Stage 3A/B</li> <li>•Mathematical Methods ATAR</li> </ul>	<ul style="list-style-type: none"> <li>•Mathematics (HL or SL)</li> <li>•Further Mathematics (HL or SL)</li> <li>•Mathematics Analysis and Approaches (HL or SL)</li> <li>•Mathematics Applications and Interpretations (HL)</li> </ul>	<ul style="list-style-type: none"> <li>•Mathematics with Calculus</li> <li>•Calculus</li> </ul>
<ul style="list-style-type: none"> <li>•Mathematics Specialist Senior Secondary 5C</li> <li>•Mathematics Specialised</li> <li>•Mathematics Stage 2 and 3</li> </ul>	<ul style="list-style-type: none"> <li>•Specialist Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>•Applicable Mathematics</li> <li>•Mathematics III</li> <li>•Mathematics Specialist Stage 3C/D</li> <li>•Mathematics Specialist ATAR</li> </ul>	<ul style="list-style-type: none"> <li>•Mathematics (HL)</li> <li>•Further Mathematics (HL)</li> </ul>	n/a
<ul style="list-style-type: none"> <li>•Physics</li> <li>•Applied Science-Physical Sciences</li> <li>•Physical Sciences</li> </ul>	<ul style="list-style-type: none"> <li>•Physics</li> </ul>	<ul style="list-style-type: none"> <li>•Physics</li> <li>•Physical Science</li> <li>•Physics (Stage 3)</li> </ul>	<ul style="list-style-type: none"> <li>•Physics (HL or SL)</li> <li>•Physical Science (HL)</li> </ul>	<ul style="list-style-type: none"> <li>•Physics</li> </ul>
<ul style="list-style-type: none"> <li>•Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>•Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>•Chemistry</li> <li>•Chemistry (Stage 3)</li> </ul>	<ul style="list-style-type: none"> <li>•Chemistry (HL or SL)</li> </ul>	<ul style="list-style-type: none"> <li>•Chemistry</li> </ul>
<ul style="list-style-type: none"> <li>•Biology</li> </ul>	<ul style="list-style-type: none"> <li>•Biology</li> </ul>	<ul style="list-style-type: none"> <li>•Biology</li> <li>•Human Biology</li> <li>•Biological Sciences</li> <li>•Human Biological Sciences</li> </ul>	<ul style="list-style-type: none"> <li>•Biology (HL or SL)</li> </ul>	<ul style="list-style-type: none"> <li>•Biology</li> </ul>

## International Baccalaureate (IB) Diploma

### HOW DO I APPLY TO JCU?

If you are a domestic student who has completed an IB Diploma at a Queensland school, you will need to apply through QTAC.

If you completed an IB Diploma at an Australian school outside of Queensland, your school will provide you with a Learner Unique Identifier (LUI) that will allow you to apply through QTAC. This unique application number is different to your IB candidate number, and the format will be three letters followed by three numbers, e.g. abc123.



# Research excellence

*JCU is committed to making a positive difference through research, knowledge infrastructure, and commercialisation of research findings.*

JCU produces research of excellence and high impact, particularly on issues of importance to the tropics. Excellence in Research for Australia (ERA) rated 83 per cent of JCU's research fields as world class or above.

JCU received the highest possible rating, well above world standard, in eight research areas:

- Environmental science and management
- Ecology
- Geology
- Ecological applications
- Plant biology
- Medical microbiology
- Fisheries sciences
- Organic chemistry.

JCU is focused on achieving research excellence in tropical health and medicine, with this commitment resulting in every field of research in medical and health sciences at JCU being rated world class or above. The JCU Australian Institute of Tropical Health and Medicine (AITHM) is focused on Australia's health security and collaborative partnerships with neighbours in the Asia Pacific region, particularly in Papua New Guinea, the South Pacific, and Southeast Asia. In Australia, JCU AITHM partnerships include the Tropical Australian Academic Health Centre (TAAHC) and Northern Queensland Primary Health Network.

JCU's unique location and work in World Heritage sites such as the Great Barrier Reef and the Daintree Rainforest has led to JCU being number one in the world for Marine and Freshwater Biology and number two in the world for Biodiversity Conservation (CWUR 2017). JCU is also the only university to receive the top rating for environmental science and management in every ERA evaluation.



*JCU's proximity to the Great Barrier Reef means students have easy access to a diversity of marine and coastal ecosystems.*



*JCU's own canopy crane in the World Heritage Daintree Rainforest.*



*As a JCU undergraduate student, your course may access some of JCU's unique and remarkable research facilities.*



## World-class facilities

James Cook University is a leader in research addressing the critical challenges facing the Tropics, world wide.

JCU campuses and research hubs are on the doorstep of some of the world's most spectacular environments: the Great Barrier Reef Marine Park, the rainforests of the Wet Tropics, the savannahs of Cape York Peninsula, and the deserts of the arid outback. These living laboratories provide our staff and students with unlimited opportunities.

JCU's research is central to the region's future, and its importance is acknowledged by both State and Federal Government, and by businesses and organisations across Queensland. We are proud of our strong links with rural, remote, and Indigenous communities in our region.

Many local, national, and international research organisations and industry groups collaborate with JCU. These linkages help ensure our courses are research-rich and reflect the latest innovations. Many of our staff and students are co-located with researchers from partner institutions.

### Advanced Analytical Centre

Australian Institute of Tropical Health and Medicine  
- Mosquito Research Facility  
- Advanced Protein Analysis Facility

Australian Tropical Herbarium

The Cairns Institute

The Ideas Lab

BARRON GORGE NATIONAL PARK

UNDARA NATIONAL PARK

GIRRINGUN NATIONAL PARK

PALUMA RANGE NATIONAL PARK

### JCU CAIRNS

Daintree Rainforest Observatory

GREAT BARRIER REEF MARINE PARK (CENTRAL SECTION)

Orpheus Island Research Station

### JCU TOWNSVILLE

Australian Institute of Tropical Health and Medicine

Australian Research Council (ARC) Centre for Coral Reef Studies

Centre for Biodiscovery and Molecular Development of Therapeutics

Centre for Biosecurity and Tropical Infectious Diseases

Centre for Sustainable Tropical Fisheries and Aquaculture

Centre for Tropical Environmental and Sustainability Sciences

Centre for Tropical Water & Aquatic Ecosystem Research

Cyclone Testing Station

Comparative Genomics Centre

eResearch Centre

MACRO - Centre for Macroalgal Resources and Biotechnology

NHMRC National Centre of Research Excellence to Improve Management of Peripheral Arterial Disease

PORCUPINE GORGE NATIONAL PARK

Fletcherview Research Station

CAPE HILLSBOROUGH NATIONAL PARK

EUNGELLA NATIONAL PARK

GREAT BARRIER REEF MARINE PARK (CAPRICORN SECTION)



BRISBANE

FRASER ISLAND NATIONAL PARK



# JCU Daintree Rainforest Observatory

*The JCU Daintree Rainforest Observatory (DRO) is located in lowland tropical rainforest at Cape Tribulation, 140 kilometres (87 miles) north of Cairns. It is a unique part of the world, where the reef meets the rainforest and two World Heritage areas lay side-by-side.*



Wet Tropics rainforests have the highest biodiversity of anywhere in Australia, supporting 800 species of vertebrates and over 5,000 plant species. Flora and fauna endemic to the region attract researchers from across the globe.

JCU's DRO is one of only five long-term ecological monitoring sites in Australia. It offers accommodation, one open-air teaching laboratory, and one traditional air-conditioned laboratory.

The facility also houses an extensive insect collection and herbarium for visitors.

JCU's canopy crane makes it possible to view the rainforest from the atmosphere above the canopy, through its different levels, and down to the soils and subterranean water resources. The crane allows students to use complex scientific equipment to observe ecological, physiological, and atmospheric processes in-situ.

The JCU DRO forms part of the TERN Australian Supersite Network helping JCU ascertain how key ecosystems will respond to future environmental change. As such, the DRO forms part of a worldwide network of projects that aim to understand environmental change across the globe.

Currently, the JCU DRO is supporting the development of a project seeking to understand the impacts of decreased rainfall on rainforests in the seasonal tropics, where climate change predictions suggest that dry season severity will increase. This aids the understanding of changing climates on rainforest biodiversity.





# JCU Fletcherview Research Station

*JCU's Fletcherview Research Station focuses on tropical Agriculture and Veterinary Science. It is a massive 1,960 hectare working cattle station situated 98 kilometres (60 miles) southwest of Townsville, in Australia's major cattle producing area.*



Students studying Tropical Agriculture and Tropical Veterinary Science obtain a hands-on practical experience associated with grazing in the dry Tropics.

The region experiences a wet season followed by a six-to-nine month dry season. Fletcherview also supports study in biology and botany, and field trips to examine the unique geomorphology and geology of its lava flows.





# JCU Orpheus Island Research Station

*The JCU Orpheus Island Research Station is located on the western side of Orpheus Island with ready access to pristine inshore reefs and islands. A known 1,100 species of fish and 340 of the 350 known species of reef coral can be found in the underwater gardens of the surrounding reefs.*



The island comprises 1,368 hectares of dry woodlands with Moreton Bay Ash and Acacias dominating, scattered rainforest gullies featuring Fig and Macaranga trees, grasslands, granite outcrops, and beaches and bays surrounded by fringing reefs.

Exploring the waters off Orpheus Island reveals a number of different types of submerged historic sites. From Indigenous sites to recent shipwrecks, this Research Station is also a base for training in search and survey techniques.

Marine Biology students regularly visit Orpheus Island to study the diverse fauna, particularly on the sand and rubble intertidal reef flat, as well as investigating fauna associated with the mangrove community.

Scientific resources on the island include climate-controlled research rooms, wet laboratories, a versatile saltwater aquarium system, and six aquarium raceways.





# JCU Advanced Analytical Centre

*The JCU Advanced Analytical Centre (AAC) is a central analytical facility, providing a range of analytical instrumentation.*

The AAC is supported by highly-experienced staff and has projects ranging from the analysis of the oldest rocks on Earth to corrosion of medical implants, and reef ecosystems to archaeological artefacts.

The AAC provides access to a number of techniques covering the fields of microscopy and microanalysis, inorganic and organic chemical analysis, mineralogy/crystallography, and genetic analysis.





# AIMS@JCU

*AIMS@JCU is a strategic alliance between JCU and the Australian Institute of Marine Science (AIMS). It integrates strengths, synergies, infrastructure, and expertise in world-class tropical marine research capacity.*



AIMS is the Australian Government's tropical marine research agency. AIMS@JCU is strategically focused on the AIMS research plan, which addresses national and international research priorities and skills gaps, to advance the global knowledge required to understand and sustainably manage marine resources.

AIMS@JCU informs government policy and improves the global knowledge and tools required to understand and sustainably manage marine resources. It also makes a significant contribution to training the next generation of marine science leaders equipped with expertise of most relevance to meet real-world challenges.



*Global coral bleaching event – AIMS RV Cape Ferguson at Coates Reef conducting coral bleaching surveys. Six cameras mounted on a pole were recording at the same time to capture the scene.*



# ARC Centre of Excellence for Coral Reef Studies

*The ARC Centre of Excellence for Coral Reef Studies is the world leader in integrated research for sustainable use and management of coral reefs.*



The Centre underpins Australia's leading contribution to coral reef sciences, and fosters stronger collaborative links between the major partners and 24 other leading institutions in nine countries. Collectively, the Centre creates the world's largest concentration of coral reef scientists.

The Centre is a partnership of JCU, the Australian Institute of Marine Science (AIMS), The Australian National University, the Great Barrier Reef Marine Park Authority (GBRMPA), The University of Queensland, and The University of Western Australia.

*Professor Joshua Cinner, Chief Investigator, ARC Centre of Excellence for Coral Reef Studies and winner of the 2017 Elinor Ostrom Award, interviews PNG fishermen about adapting to changing social and environmental conditions.*





# JCU Australian Institute of Tropical Health and Medicine

*JCU Australian Institute of Tropical Health and Medicine (AITHM) is a significant tropical health and medical research institute based at JCU.*



JCU AITHM's programs encompass public health, bio-molecular, clinical, translational, and health systems research, focused on the health issues of most importance to tropical Australia, delivering significant public health benefit locally, regionally, and globally.

Through its research and innovation, and in partnership with key community organisations and health service providers, JCU AITHM aims to fill a major gap that currently exists at the interface between cutting-edge research and scientific expertise, and health service, workforce and policy delivery.

The establishment of JCU AITHM as a world leader in tropical health, medical and biotechnology research, and research training will enable JCU AITHM to:

- Strengthen Australia's health security
- Improve health outcomes in rural, remote, Indigenous, and tropical Australia
- Improve occupational health in key industries such as mining and agriculture.

Current research areas include:

- Tropical infectious disease
- Chronic disease with high prevalence in the tropics
- Development of new diagnostics, therapeutics, and vaccines
- Health systems in tropical, regional, rural, and remote communities.

[www.aithm.jcu.edu.au](http://www.aithm.jcu.edu.au)





# JCU Cairns Institute

*JCU Cairns Institute brings together the expertise and intellectual resources of more than 20 disciplines in the Humanities and Social Sciences, creating a vibrant hub for research, capacity building and public debate, relevant to tropical societies.*



JCU Cairns Institute is committed to understanding and informing critical processes of social and environmental transformation. Its location in tropical North Queensland and proximity to neighbouring countries in the Pacific and Southeast Asia offers unique opportunities to enhance human life in the tropics and contribute to a brighter, more equitable, and enriching future for its peoples.

JCU Cairns Institute's work is organised around eight themes:

- Aboriginal and Torres Strait Islander futures
- Education futures
- Governance and political innovation
- International aid development
- Language, culture, agency, and change
- Regional economic development
- Social justice and community wellbeing
- Sustainability and tropical environments.





# JCU eResearch Centre

*JCU's eResearch Centre is multi-disciplinary with IT professionals and members of the public. The aim is to advance tropical knowledge and harness the power of technology and data.*



JCU has an increasingly significant role in the development of eResearch globally, by engaging innovative and creative practices both locally and worldwide.

Current projects include the development of a Tropical Data Hub, the implementation of a comprehensive environmental monitoring system at JCU's Daintree Rainforest Observatory, the Smart Environment Monitoring and Analysis Technologies (SEMAT) project, and the Wallace Initiative – a website for climate predictions and variables using biodiversity and climate data.





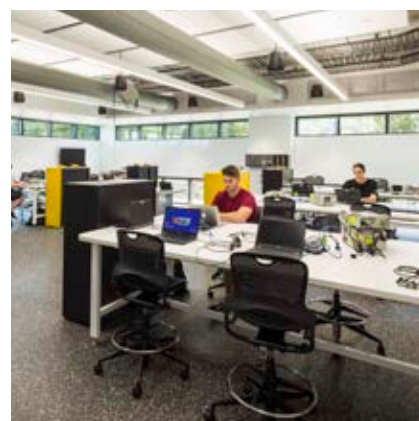
# JCU Ideas Lab

*JCU Ideas Lab is a research and development hub for innovators to create, connect and collaborate. Students, researchers and the broader community use this space to develop as innovators and entrepreneurs. With state-of-the-art facilities and cutting edge technology, JCU Ideas Lab equips innovators to develop products and processes and take their ideas to the next level.*



Dive into Far North Queensland's innovation ecosystem. At JCU Ideas Lab, you can join programs that accelerate high-potential ventures towards successful uptake and global relevance. JCU Ideas Lab has the facilities and expert staff to move your idea through the stages of development, validation, and scaling.

Join a community with an innovation focus. Students, researchers and staff gather at JCU Ideas Lab to connect with like-minded individuals who can spark creativity and encourage you along your entrepreneurial journey. Have opportunities to network with fellow entrepreneurs and researchers, as well as industry partners and potential investors.



[jcu.edu.au/ideaslab](http://jcu.edu.au/ideaslab)



# JCU Marine & Aquaculture Research Facility (MARF)

*JCU leads the world in coral reef studies and tropical aquaculture. JCU's strong international reputation also includes biological oceanography, marine biology, coral reef studies, population and quantitative genetics, population ecology and fisheries, and marine conservation.*

## JCU Aquarium Complex

The JCU Aquarium Complex comprises large re-circulated seawater and freshwater aquarium systems, as well as controlled-environment facilities, home to oysters, mud crabs, corals, reef fishes, and freshwater fishes. Several large outdoor covered areas are also available. These systems permit the successful rearing of reef fishes through egg, larval, and settlement stages.

JCU staff and students collaborate with partner organisations including the Australian Institute of Marine Science (AIMS) and the Great Barrier Reef Marine Park Authority (GBRMPA), as well as industry partners, particularly in aquaculture.

The Australian Research Council's Centre of Excellence in Coral Reef Studies at JCU leads the world in the science of understanding and managing coral reef resources.



## Apply to JCU



Email us at:  
[enquiries@jcu.edu.au](mailto:enquiries@jcu.edu.au)



Apply online:  
[jcu.edu.au/applying-to-jcu](http://jcu.edu.au/applying-to-jcu)

JCU Student Centre is your number one point of contact. JCU advisors will provide advice on courses and careers, subjects, fees, support services and scholarships.

Freecall (within Australia): 1800 246 446  
Email: [enquiries@jcu.edu.au](mailto:enquiries@jcu.edu.au)

Stay social # jculife



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This publication is intended as a general guide for domestic students only. Prospective domestic students and all international applicants should contact the University to confirm admission requirements and the availability of courses.

Information is correct at the time of printing.

James Cook University reserves the right to alter any course or admission requirement without prior notice. Check for updates at [jcu.edu.au](http://jcu.edu.au)

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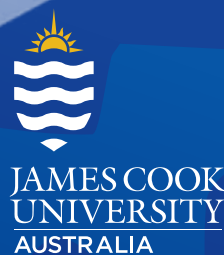




Ready today  
for tomorrow



[jcu.edu.au](http://jcu.edu.au)



*Celebrating*  
**50**  
YEARS  
1970 - 2020