



JAMES COOK
UNIVERSITY
AUSTRALIA

Celebrating
50
YEARS
1970 - 2020

2021

Postgraduate Study Guide



Ready today for tomorrow

jcu.edu.au

Why JCU?

Explore the world of postgraduate study at 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
- Support through scholarships for merit and equity
- Discover great accommodation options

NO. **1**

IN THE WORLD FOR
MARINE BIOLOGY¹

TOP **400**

UNIVERSITIES
IN THE WORLD²

NO. **1**

IN GLOBAL PARTNERSHIPS
FOR SUSTAINABLE
DEVELOPMENT⁷

WORLD-CLASS
FACILITIES

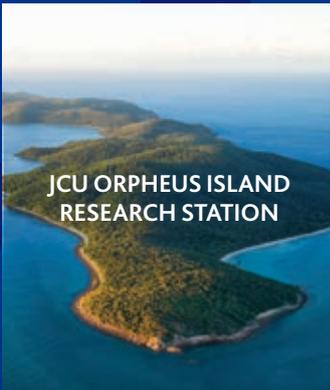


AUSTRALIAN INSTITUTE
OF TROPICAL HEALTH
& MEDICINE



21,972
STUDENTS

JCU ORPHEUS ISLAND
RESEARCH STATION



4,698
EMPLOYEES

ON-CAMPUS
ACCOMMODATION
FOR OVER

1,600
STUDENTS

OPENING DOORS TO
OPPORTUNITY WITH
INDUSTRY AND RESEARCH
THROUGH JCU CONNECT

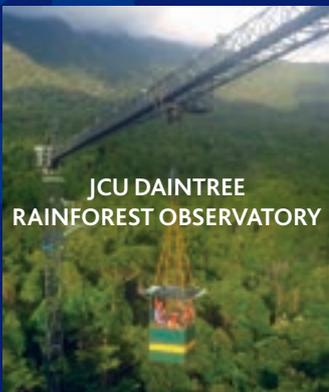


AUSTRALIA'S FIRST
INTERNET OF THINGS
RESEARCH LAB

26

JCU SPECIALISED
RESEARCH CENTRES
& INSTITUTES





JCU DAINTREE
RAINFOREST OBSERVATORY



FIVE STARS FOR
STARTING SALARY FOR
POSTGRADUATES³

RESEARCH
CONNECTIONS TO
124
COUNTRIES

Celebrating
50
YEARS
1970 - 2020

\$1.9_{Bn}
IN FUTURE
INVESTMENT⁴

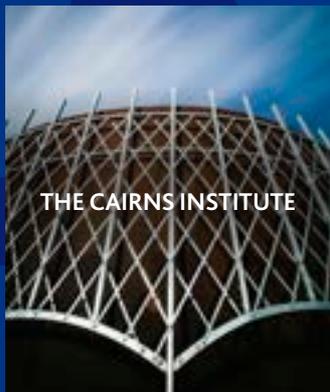


MAKE STUDY WORK FOR YOU.
FULL-TIME, PART-TIME AND
ONLINE OPTIONS

'WORLD CLASS
OR BETTER'
IN **38** AREAS
OF RESEARCH⁵

STATE OF THE TROPICS
2020 REPORT

TOP **30**
OF MODERN
UNIVERSITIES⁶

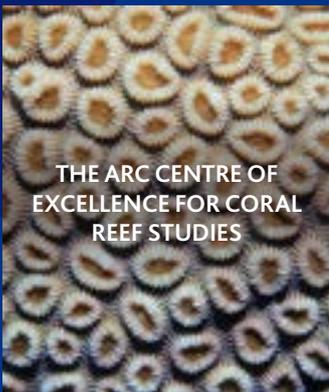


THE CAIRNS INSTITUTE

117
INDUSTRY RESEARCH
CONTRACTS



HANDS-ON LEARNING



THE ARC CENTRE OF
EXCELLENCE FOR CORAL
REEF STUDIES

TOTAL RESEARCH INCOME:
\$47.4
MILLION

SCHOLARSHIPS
SUPPORT FOR YOUR
SUCCESS

STUDENTS FROM
108
COUNTRIES

15
DISTINGUISHED
PROFESSORSHIPS

\$1.75_{Bn}
JCU'S CONTRIBUTION TO
HUMAN CAPITAL⁴



JCU FLETCHERVIEW
RESEARCH STATION

\$1.3_{Bn}
ASSETS⁴

Welcome to James Cook University

The world of postgraduate study is exciting, challenging, and takes our journey of discovery to a whole new level. It is where I experienced a real sense of the transformative power of education and its power to nourish enquiring minds and help navigate an increasingly complex world. Education also has a more practical purpose, especially in times of uncertainty. This distinctly resonates for those looking to develop advanced skills, acquire better jobs, or be the best they can be in building a rewarding career.



So, two points to help you in your decision about where to study.

The first point is to look at distinction in terms of a global presence. For 50 years, JCU has helped create a 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 and in the 2020 Times Higher Education (THE) Impact Rankings JCU was recognised as the No. 1 University in the world for global partnerships for sustainable development¹. Other accolades include being No. 1 in the world for study areas such as marine science and freshwater biology² and being independently rated five stars for student support, learner engagement, skills development, and social equity³. These accolades are hard earned and a tribute to the commitment of academics and professional staff in supporting students to become well-rounded graduates. We have been here for 50 years and we are in it for keeps.

The second point is to look at practical outcomes for postgraduate students. JCU has been independently rated number one in Queensland, Australia, for postgraduate study in terms of starting salaries and full-time employment³. There's a reason JCU graduates are in such high demand and it comes from the natural talent we help foster and grow through study that recognises the needs of students.

For some, accelerated full-time study is required. For others, a balance between work, family and other commitments. All our graduates are encouraged to manage subjects with part-time options, online or on-campus learning, or a combination that draws on the wonderful diversity that comes from the place we call home.

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. One in which you develop your skills, deepen your knowledge, and gain the confidence to ignite your career.

Thank you for taking the time to explore JCU. We look forward to working with you to create a brighter future that makes a difference to you and for our community.

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

Professor Sandra Harding AO
Vice Chancellor and President

¹Times Higher Education (THE) Impact Rankings 2020 ²CWUR 2017 Rankings: Ranked Number 1 in the world for Marine and Freshwater Biology.

³2020 The Good Universities Guide.

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**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



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 rich cultural and experiential diversity on campus.

We acknowledge the Australian Aboriginal and Torres Strait Islander peoples as the Traditional Owners of the lands and waters where we operate our business. 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 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.

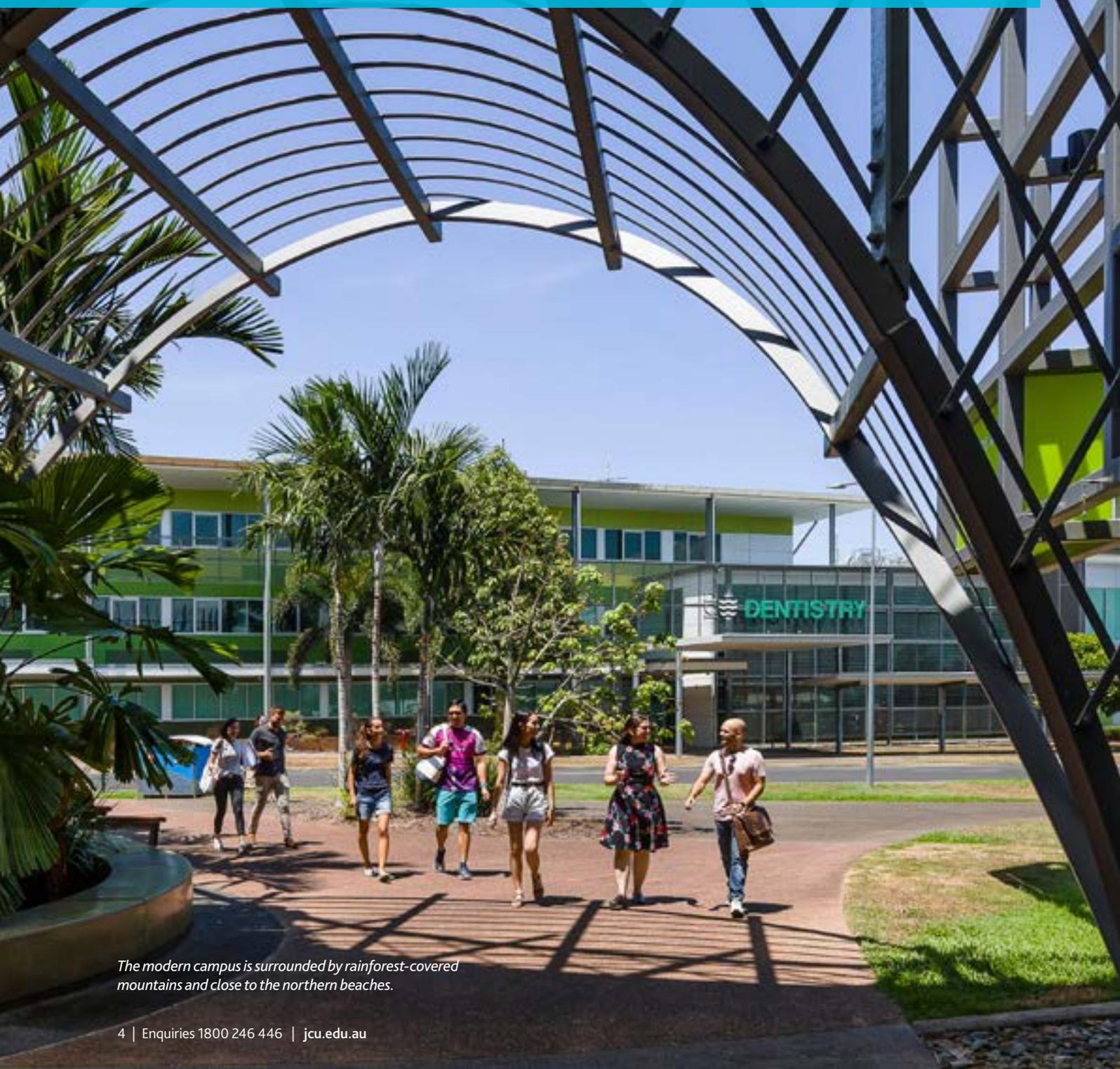
This publication is intended as a general guide for domestic students only. Prospective domestic students and all international applicants should contact the University to confirm admission requirements and the availability of courses.

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 001171.

JCU Cairns

Study in some of the most interesting places on Earth. Explore unrivalled research locations, access World Heritage natural environments, and learn in state-of-the-art facilities. Build valuable professional networks while developing the skills and knowledge to make a difference.



The modern campus is surrounded by rainforest-covered mountains and close to the northern beaches.

JCU Cairns

Over 4,000 students study at JCU Cairns, including approximately 380 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, a careers team ready to assist students with work both during and post study, and a myriad of academic and sporting clubs on offer, students at JCU Cairns have a world of experiences available to them.

JCU Cairns is conveniently located 15 kilometres (9 miles) north of the city centre in the suburb of Smithfield. 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 the city centre, JCU Cairns City offers a range of flexible study, teaching, and meeting areas, and 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.

Study in paradise. Cairns is one of the most popular tourist destinations in Australia, with over two million visitors annually. 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, Daintree and Wet Tropics rainforest, Atherton Tablelands, and the outback 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 atmosphere
Dry season (June–October)
17°–26°C/63°–79°F
Mild and dry atmosphere

Food

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

Population

160,000 (city), >4,000 (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

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

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.



JCU Townsville

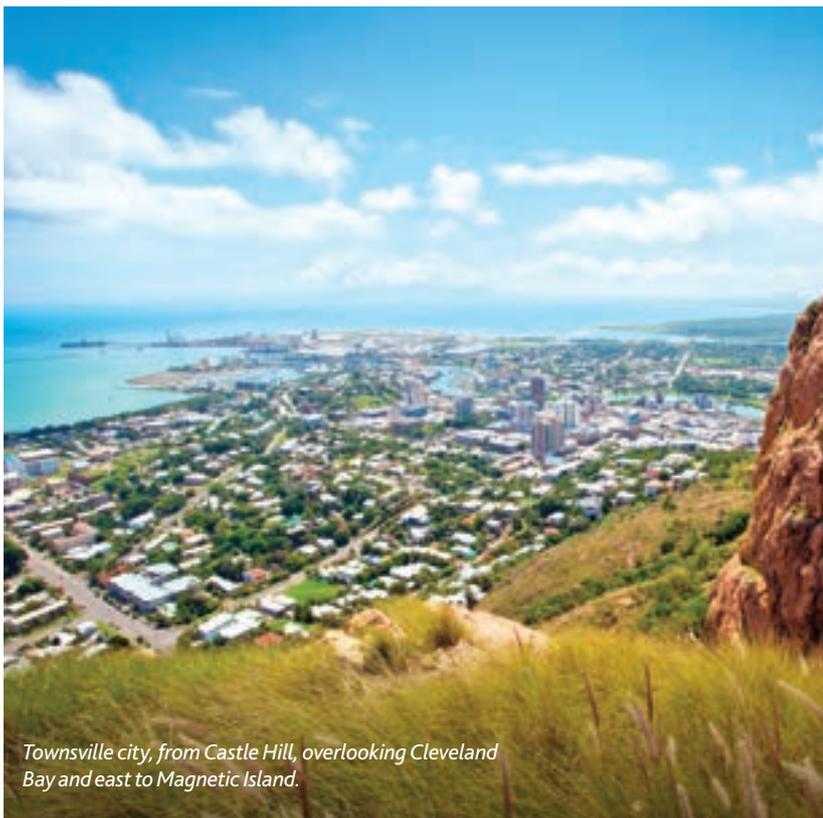
Students access exceptional teaching and research facilities at JCU Townsville. Develop professional skills, engage with peers, and learn from leading lecturers at JCU Science Place. The world-class facility features sophisticated teaching areas, collaborative lecture theatres, technology-enabled active 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 is a convenient 13 kilometres (8 miles) from the city centre, and 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.

JCU Townsville is located in the suburb of Douglas and is surrounded by natural bush and parkland.

Immerse yourself in the heart of Townsville at JCU Townsville City Campus. Located in Townsville's CBD and boasting a range of innovative spaces and state-of-the-art facilities, Townsville City Campus delivers services for the university, its 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 savannah 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 atmosphere
Winter (June–August)
13°–26°C/56°–79°F
Mild and dry atmosphere

Food

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

Population

190,000 (city), 13,000 (campus)

Transport

Bus to and from campus, car, bicycle, international airport (Bali and Port Moresby).

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

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

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 on campus for student use.

Medical

The JCU Singapore Psychology Clinic, a sick bay, and a nurse's room are located on campus. 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



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.

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 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. 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.

The nationally-accredited Bachelor of Nursing Science program in Mount Isa offers opportunities to gain rural experience like nowhere else. The centre facilitates research and education for rural, remote, and Indigenous health issues. Learn from lectures delivered by experts all over Queensland, and be taught in tutorials by local practising nurses.

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.

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 savannah 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. With five different accommodation options at JCU Townsville, housing over 1,200 students, and a brand new complex for 300 students at JCU Cairns, living on campus is a great place to make new friends and immerse yourself into the JCU culture.

All rooms at our on-campus residences are single board, with a single 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

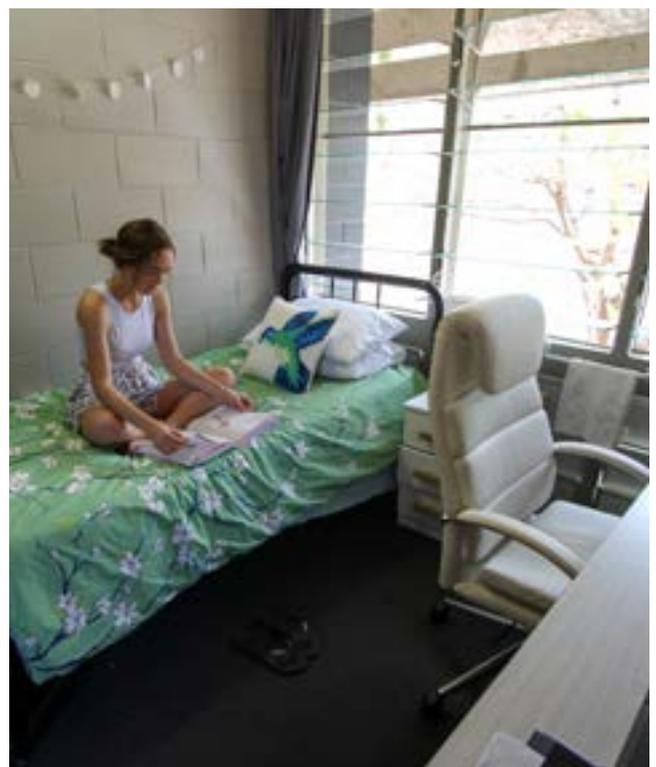
Living on-campus is so much more than just a room. It is a safe, secure, and fun way to transition into university life. Each of our residences provides academic support, wellbeing support, and social support.

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. This is why we make sure you know someone else studying the same course you are before you take your first class. And 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 open August 1 for the following year. You can apply for on-campus housing at 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 during your time at JCU.

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

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

Further information

jcu.edu.au/accommodation

accommodation@jcu.edu.au
T 07 4781 4148



Research for the Tropics

Solar chemistry for the Tropics

Associate Prof Michael Oelgemöller and his group harvest the abundant natural resources of the tropics: renewable biomass and sunlight. Using the power of the sun, solar photochemistry is performed for the large-scale manufacturing of fragrances, herbicides, pharmaceutical building blocks and antimalarial compounds.

Solar thermal chemistry produces pharmaceutically active compounds or insect repellents from local agricultural waste or essential oils. The group also investigates sustainable water treatment using light and local minerals: titania and zeolites. This process has been utilised for the degradation of pharmaceutical residues, which have emerged as a significant danger to the aquatic environment and subsequently to human health.



Machine Learning for Agriculture, Automation, and Medicine

Dr. Mostafa Rahimi Azghadi is leading a team of researchers in translating machine learning research into real-world products. The team has already developed an autonomous robotic platform for weed control, a smart car park monitoring system, an infant flat-head syndrome analysis software, and a medical image analyser tool, all of which using cutting-edge deep learning techniques.

The team has expertise in software and hardware development for neuromorphic and machine learning algorithms and architecture and is ready to take new engineering challenges.



Impacts of coral bleaching

When the temperature of the ocean is too warm, corals can bleach and die. Mass bleaching events have increased in frequency over the past several decades. Widespread bleaching events erode the functioning of reefs and their capacity to provide ecosystem services.

Associate Professor Mia Hoogenboom is an expert on coral reef ecophysiology. Her research aims to understand how corals cope with variation in temperature, light and pollution in their natural environment. Using a combination of aquarium experiments, field observations and modelling, she and her research team investigate why some corals bleach but not others, how coral populations and communities recover from bleaching events, and how the combined effects of multiple stressors affect coral growth and survival.

The deep history of sea country: climate, sea level and culture

Nearly one-third of Australia's landmass was drowned after the last ice age and generations of people were displaced by sea-level change. This pioneering, multidisciplinary study of submerged landscape archaeology in Australia is designed to investigate the records of the now-submerged Australian continental shelf (spanning 50,000 to 7000 years ago). Information from drowned contexts will help address critical debates in Australian archaeology relating to past sea-level rise, population resilience, mobility, and diet. The project integrates cultural and environmental studies and contributes a unique southern hemisphere insight into world archaeology. A suite of cutting-edge marine and aerial survey techniques will be developed to investigate physical and cultural submerged landscapes.

At the intersection of animal and human health

From bats and rats, to chickens and mosquitoes, JCU researchers are conducting surveillance in Tropical communities throughout Asia, the Pacific and Africa, looking at ways to contain the spread of diseases. Virologist **Dr Paul Horwood** screens for pathogens in bats and rats in Papua New Guinea with community partners.

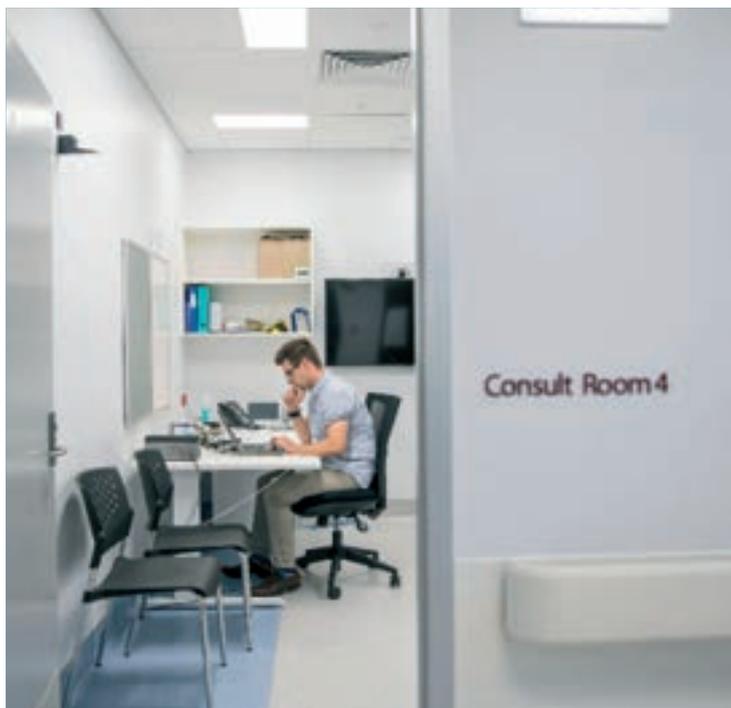
Professor Tom Burkot conducts field work and training in the Solomon Islands and Asia to contain vector-borne diseases spread by mosquitoes, and **Professor Bruce Gummow** leads a 'poultry club' project with Zambian chicken farmers to prevent poultry disease transmission.

Working with Aboriginal and Torres Strait Islander communities for better health

Aboriginal and Torres Strait Islander women's groups in 10 communities are working to improve maternal and child health outcomes in their own communities with the support of JCU health and medicine researchers, including **Professor Sarah Larkins** and **Associate Professor Catrina Felton-Busch**.

The five-year project, called WOMB, is helping empower mums to improve their own health, their babies' health and, in turn, their communities.

In another project, **Associate Professor Stephanie Topp** is looking at the important role played by Indigenous Health Workers in helping to 'close the gap'. The collaborative qualitative research project is considering how communities and hospitals and health services can better support and care for these carers.



Tuberculosis – monitoring, containment and finding for a cure

Tuberculosis (TB) remains the world's deadliest infectious killer. In our tropical region, the emergence of multi-drug resistant TB is adding a new intensity to an already-urgent health issue. Researchers and post-graduate students at JCU are tackling TB from many angles.

Professor Emma McBryde is using mathematical modelling to understand the epidemiology of TB, and working with postgraduate student clinicians to improve management and diagnosis of TB in the Torres Strait.

Associate Professors Jeffrey Warner and **Catherine Rush** are leading capacity building research and TB field studies in Papua New Guinea, and Australian Institute of Tropical Health and Medicine Research Fellow **Dr Andreas Kupz** is working on an effective life-long vaccine for TB.

Analysing the smallest pieces of life for big medical answers

Ever-more advanced medical and scientific technology, housed at JCU and AITHM, is allowing researchers to examine the genetic and molecular make-up of living things in even greater depth.

Professor Denise Doolan is using genome-based technologies to develop vaccine candidates. **Dr Matt Field** and colleagues are examining whether genetic sequencing technology might be a more effective way to diagnose and identify disease causing agents like bacteria and virus in hospital emergency rooms. **Dr Joseph Moxon** is searching for a simple blood test to diagnose stroke quickly by learning more about a particular protein found in human blood samples.

Your dream career starts with JCU

Enhance your employability and advance your career in Australia and globally through the Professional Employability Program.

This program is a unique feature of JCU's Professional Masters Courses and is based on the latest research, employment data and industry insights.

The JCU Professional Employability Program is available as part of the following degrees:

- Master of Data Science (Professional)
- Master of Engineering (Professional)
- Master of International Tourism and Hospitality Management
- Master of Science
- Master of Science (Professional)

JCU has partnered with employability experts Career Ahead to develop and deliver the program.

Professional Employability Program Units and Schedule

The Masters Employability Program is completed throughout the normal duration of the JCU professional masters program and includes three elements:

1. Professional Employability Subject

Students participate in workshops, delivered by discipline experts and senior HR practitioners. The subject builds the capability in career planning, employability skills, professional networking and navigation of the recruitment process. Regular industry involvement is a characteristic of this subject including keynote speakers, industry panels, work based simulation and case study activity.

2. Employability Passport

A 'one stop shop' of resources to support career planning and enable development of a personal employability portfolio, within the Passport platform.

3. Industry Placement

Offered as a subject within your course, typically towards the completion of study. Career Ahead identifies industry partners to provide meaningful industry experiences for students as part of their study program, in a range of forms including individual internships, small group industry programs and research based activities. These placements align to subject outlines and assessment requirements, providing students with real work or research experience, enhancing post study employability. Career Ahead have hundreds of industry relationships both nationally and internationally and access these for the Industry Placement Subject.



“I chose the Professional program so I could take advantage of the 12-credit research/placement option. Having always wanted to study wildlife sciences, I figured my best bet was to get into research, to help myself and the world understand some of the problems facing our wildlife.”

Taruna Venkatachalam

MASTER OF SCIENCE (PROFESSIONAL)

JCU Postgraduate degrees

How to get started

Looking to enhance your existing career? Interested in a life of research and discovery? Do you want to steer your life in a new direction and try something new? Choosing the right degree can be a lengthy decision to make, but JCU is here to make the process easier. Use the following pages in this guide to compare and shortlist the postgraduate courses you may be interested in, then get the enrolment process started by visiting pages 62-63.

Coursework degrees

Coursework qualifications include Graduate Certificates, Graduate Diplomas and Masters degrees. All coursework degrees are structured very similarly to undergraduate degrees with specified subjects and learning outcomes. These programs are particularly useful if you wish to further your career in a chosen field, or steer your career in a new direction with a different discipline.

Coursework programs are different to research programs, which are structured around research projects and thesis presentations.

The coursework structure enables you to enhance your knowledge and understanding of your field, while simultaneously sharpening your skills.

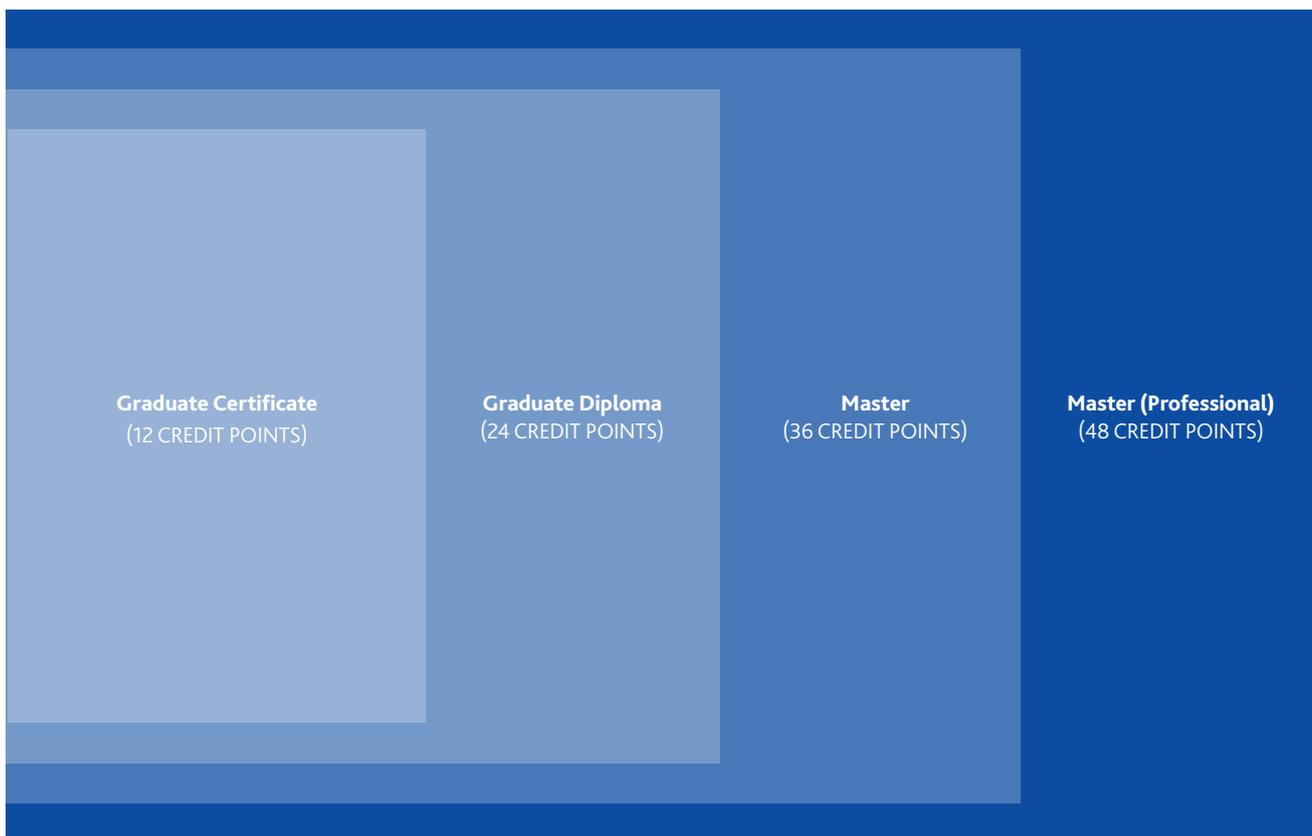
JCU offers three coursework qualifications: Graduate Certificates, Graduate Diplomas, and Masters. Graduate Certificates and Graduate Diplomas can usually be studied as stand-alone qualifications or can be used as stepping stones to a Master's degree.

JCU works with industry groups and employers to ensure courses reflect best industry practice. You can optimise your employability through opportunities for industry placements, hands-on practical experience, and discipline-specific research projects.

Progress your studies

Pursue your passion to a higher level through nested qualifications. In many postgraduate qualifications, you can enter directly into the Masters or Master (Professional) or use the Graduate Diploma

or Graduate Certificate as a stepping stone towards the higher qualification. This example shows the possible progression towards a Master of Science (Professional).



JCU Postgraduate degrees

Research degrees

Research degrees, also known as Higher Degrees by Research (HDR), comprise of a program of supervised original research in a chosen discipline. Learning is undertaken independently, with no lectures or classes to attend. Research qualifications include Master of Philosophy, Doctor of Philosophy and Professional Doctorates. Research degrees are ideal for students who wish to work in academia or who wish to introduce their existing profession to high-level research.

Doctor of Philosophy (PhD)

A PhD consists of supervised original research. It culminates in the submission of a thesis that demonstrates the ability for critical analysis and research that makes a significant and original contribution to knowledge and understanding within the field of study.

Masters of Philosophy (MPhil)

The Master of Philosophy is a two-year degree designed for graduates to undertake supervised study and research. At least two-thirds of the degree is devoted to research, research training, and independent study.

Professional Doctorate

A research degree that integrates your professional experience with high-level applied research in a related field of study.

Our Research Studies Support Program offers training in research skills, academic writing and professional development. The program also provides financial support for direct research costs, specific support for international candidates, English language assistance and development, and opportunities to present your work nationally and internationally.

Make study work for you

JCU postgraduate coursework programs often have flexible study options to suit busy lifestyles and fit in with your current employment situation. You can choose to study full-time or part-time, as well as on campus or online.

Studying on campus is a great way to connect with your peers and make the most on-campus activities, while studying online offers the flexibility to study when and where it suits you. Some courses offer a mix of two, providing the best of both options. When choosing to study online, check the attendance requirements as some individual subjects may require on-campus attendance. Some courses may also offer subjects in block mode. Block mode subjects require intensive study and can help you fast-track your degree by cutting down on time. A block mode subject is equivalent to subjects offered over the traditional 13-week period, except they are delivered over a shorter time period. Usually intensive mode subjects are taught in the semester break over a two-week period with classes scheduled five to six days each week. Block mode subjects may also require on-campus attendance.

Your pathways to postgraduate research degrees

What qualifications do I need to hold to enrol in a postgraduate degree?

For most, the successful completion of an undergraduate degree is enough to enrol into a Graduate Certificate, Graduate Diploma or Masters program. If you have already completed your Masters degree or earned a high grade in an Honours degree, you may be eligible to enrol straight into a PhD program. However, it's always best to check the prerequisites of your chosen degree to ensure you meet the eligibility criteria.

Credit for previous studies (Advanced standing)

If you have completed subjects at another institution in Australia or overseas, or as part of a different degree at JCU, you may be able to transfer credit to your new course. You can use the Advanced Standing Calculator to enquire about possible credit that may be allocated to a JCU course, based on your previous studies at a recognised tertiary institution. Not all subjects from your previous study may be eligible to be transferred to your new JCU course. See [Applying for Credit for previous study](#) at jcu.edu.au for more details.

Graduate Diploma of Research Methods

If you do not have sufficient research experience, JCU offers a one-year (full-time) research qualifying course as a potential pathway to gain the skills required to enter a Higher Degree by Research.

We also offer a six-month (full-time) Graduate Certificate of Research Methods.

JCU offers a number of Higher Degrees by Research (HDR).

Pathways to a Doctor of Philosophy (PhD)

As a guide, you need to have completed ONE of the following to apply for a PhD:

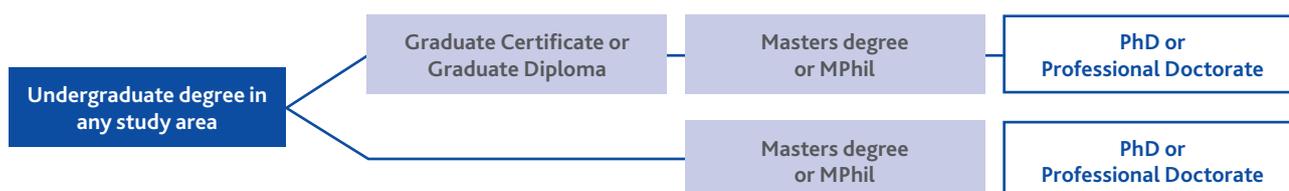
- 1 A Bachelor's degree with at least Second Class, Division A (Honours) in a degree program that included a total of at least a semester of supervised project work, the results of which contributed to the Honours grade.
- OR
- 2 A Postgraduate qualification which included:
 - a. Supervised research component(s) of at least one semester or equivalent and resulted in the production of output(s) graded at the equivalent of Distinction or better,
 - and
 - b. At least one research methods subject
- OR
- 3 A Research Masters degree, where at least two-thirds of the degree consisted of a supervised research component and resulted in the production of a thesis or equivalent.

Pathways to a Masters of Philosophy (MPhil)

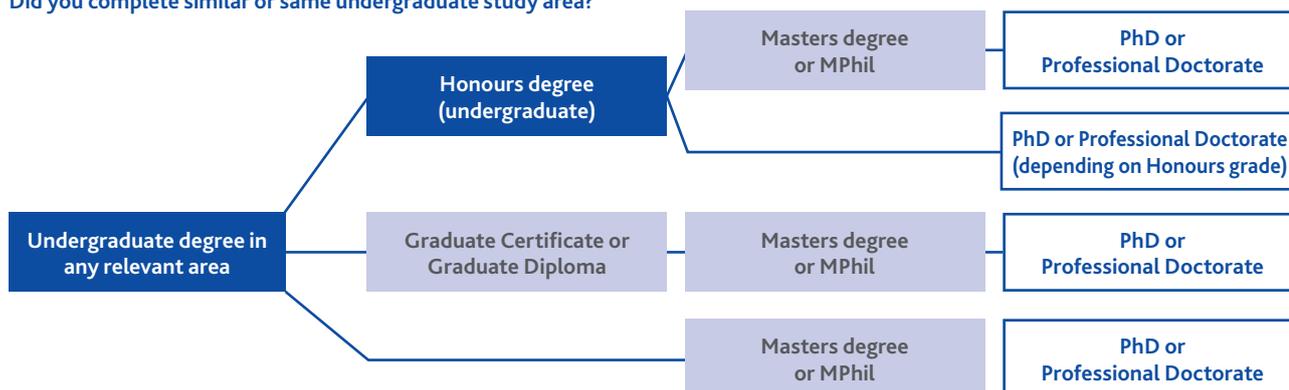
As a guide, you need to have completed ONE of the following to apply for a MPhil:

- 1 A Bachelor's degree with at least Second Class, Division B (Honours) in a degree program that included a total of at least a 0.5 semester of supervised project work, the results of which contributed to the Honours grade.
- OR
- 2 A Postgraduate qualification, which included:
 - a. Supervised research component(s) of at least 0.5 semester (or equivalent) and resulted in the production of output(s) graded at the equivalent of Credit or better,
 - and
 - b. At least one research methods subject
- OR
- 3 Graduate Certificate or Diploma in Research Methods graded at the equivalent of Credit or better, in addition to a Bachelor's degree.

Did you complete a different undergraduate study area?



Did you complete similar or same undergraduate study area?



Biomedicine

JCU Biomedicine is a leader in experiential learning. Highly valued by employers, JCU graduates are at the leading edge of health and the human body.

5 stars for learner engagement

Graduate with confidence*

*Good Universities Guide 2021, PG study area science

State-of-the-art facilities

Access the best during your studies

Above world class*

research in medical and health sciences

*Excellence in Research Australia (ERA) 2018

Master of Medical Science

Fees: \$28,960*

WHAT TO EXPECT

- Experience specialist training and hone your research skills to contribute valuably in your chosen field.
- Apply and adapt advanced knowledge in biomedical, medical laboratory and clinical measurement science. Learn how to improve human and animal health in rural, remote and Indigenous community settings.
- Study a specialised major and learn from industry professionals in JCU's cutting-edge custom laboratories. Network and form professional relationships with potential future employers.
- Conduct an independent research project on a significant topic and present your findings to postgraduate peers, academics and researchers.

CAREER OPPORTUNITIES

JCU Master of Medical Science graduates are equipped with specialist skills and are employed in a variety of medical laboratory settings.

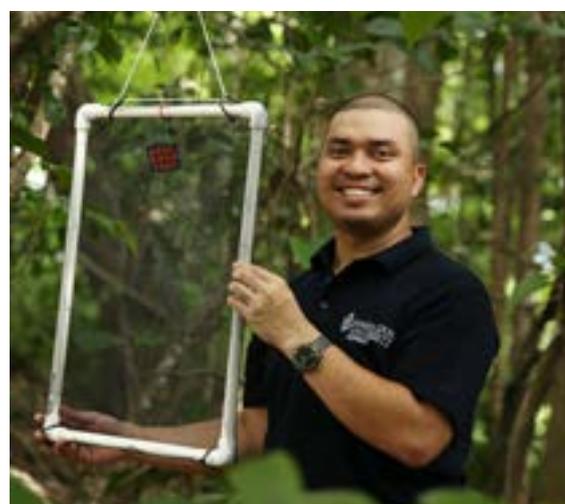
You could work as a research scientist in all areas, or as a clinical scientist working as a cardiac scientist, respiratory scientist, sleep scientist, neuroscientist or renal physiologist. You could also work as a medical laboratory scientist working in areas of pathology, clinical microbiology, haematology, transfusion science, clinical biochemistry, histopathology, immunology, serology or laboratory management.

Graduates of the medical laboratory science major can apply for membership with the Australian Institute of Medical Scientists (AIMS).



Related qualifications:

- Graduate Diploma of Medical Science



“When I wanted to study tropical health research, James Cook University was my first choice. I made the best decision of my life! Meeting and learning from JCU lecturers who write the journal articles that you read has been an exceptional experience.”

Boni Sebayang

MASTER OF MEDICAL SCIENCE

+estimated annual Commonwealth Supported Fee ^estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

Business, Finance and Law

JCU Business, Finance and Law specialises in accredited training that has a focus on innovative, evidence-based and sustainable change. JCU graduates have high-level skills and advanced academic knowledge, empowering them to be the next generation of leaders and managers in the rapidly changing business, finance and law sectors.

88%*

Graduate employment rate

*ComparED 2020, PG study area (Business & Management)

\$98,000*

Median Graduate salary

*Good Universities Guide 2021, PG study area (Business & Management)

83%*

Satisfied with skill improvement*

*ComparED 2020, PG study area (Business & Management)

Master of Business Administration

Fees: \$27,320[^]

WHAT TO EXPECT

- Flexible study options that you can tailor to your professional needs and career pathway.
- Analyse complex contemporary business issues using appropriate models and make reasoned recommendations based on multidisciplinary synthesis of theory and evidence.
- Communicate complex business analyses and information appropriately to diverse audiences.
- Evaluate sustainable economic, social and environmental practices and value systems from different disciplinary perspectives.
- Evaluate contexts within which differing sustainable business performance methods should be integrated and applied.
- Apply knowledge of research principles, methods, techniques and tools to apply established concepts to solve business and professional practice problems.

CAREER OPPORTUNITIES

JCU Master of Business Administration graduates have outstanding leadership skills and are sought-after in a wide range of industries. Graduates pursue careers in various areas including economics, finance, human resource management, marketing, accounting, business law and information technology. You could work as a management consultant, marketing manager, market research analyst, investment banker, operations manager, financial advisor, conflict resolution specialist, mediator, arbitrator or conciliator. Graduates who qualify with a major in Conflict Management and Resolution may be eligible for membership with the Australian National Mediator Accreditation System and Conflict Coaching International.



Related qualifications:

- Graduate Certificate of Business Administration

Master of Business Administration -Master of Conflict Management and Resolution

Fees: \$27,320[^]

WHAT TO EXPECT

- Develop the knowledge and skills to analyse, manage and resolve conflict in a wide variety of contexts.
- Apply creative and innovative thinking effectively to business, conflict and related theory and practice and standards for professional practice.
- Critically analyse complex issues using appropriate models and provide specialised advice to assist individuals, groups or organisations based on multidisciplinary synthesis of theory and evidence. Provide specialised advice to assist individuals, groups and organisations to constructively manage conflict.
- Effectively communicate with, facilitate and support people in personal, group, organisational and cross-cultural conflict. Present complex information to a wide variety of audiences using effective oral presentation skills and clear, fluent written communication.

CAREER OPPORTUNITIES

JCU Master of Business Administration-Master of Conflict Management and Resolution graduates have advanced knowledge and skills across two complementary disciplines. You could find employment in a wide range of professions domestically and internationally including: health, local government, higher education, emergency services, primary and secondary schools, construction, logistics, law, Federal politics, defence, social work and general management settings. Graduates can also practice as mediators, conciliators, arbitrators and ombuds in private practice or with corporate or government organisations.



Business, Finance and Law

JCU Business, Finance and Law specialises in accredited training that has a focus on innovative, evidence-based and sustainable change. JCU graduates have high-level skills and advanced academic knowledge, empowering them to be the next generation of leaders and managers in the rapidly changing business, finance and law sectors.

88%*

Graduate employment rate

*ComparED 2020, PG study area (Business & Management)

\$98,000*

Median Graduate salary

*Good Universities Guide 2021, PG study area (Business & Management)

83%*

Satisfied with skill improvement*

*ComparED 2020, PG study area (Business & Management)

Master of Business Administration Global

Fees: \$39,300[^]

WHAT TO EXPECT

- Flexible study options that you can tailor to your professional needs and career pathway.
- Develop a deeper understanding of global markets to better inform your business practice.
- Gain analytical skills to leverage the data and make sustainable, evidence-based strategic decisions.
- Enhance your organisational leadership, management, and governance capabilities to make independent and ethical decisions.

CAREER OPPORTUNITIES

JCU Master of Business Administration Global graduates find employment in a wide range of professions domestically and internationally, including health, local government, higher education, emergency services, primary and secondary schools, construction, logistics, law, Federal politics, defence, social work and general management settings.



Intakes are January, March, May, July, September, October

Related qualifications:

- [Graduate Diploma of Business Administration Global](#)
- [Graduate Certificate of Business Administration Global](#)

Master of Business Administration (Leadership)

Fees: \$27,320[^]

WHAT TO EXPECT

- Flexible study options and valuable opportunities to establish highly influential networks within industry and government agencies while you undertake your studies in leadership.
- Evaluate contexts within which differing sustainable business performance methods should be integrated and applied. Assess sustainable economic, social and environmental practices and value systems from different disciplinary perspectives.
- Critically analyse complex contemporary business issues using appropriate models and make reasoned recommendations based on multidisciplinary synthesis of theory and evidence. Present complex business analyses and information appropriately to differing audiences using effective oral presentation skills and clear and fluent written communication.
- Research and apply established concepts to solve business and professional practice problems. Apply creative and innovative thinking effectively to business theory and practice.

CAREER OPPORTUNITIES

JCU Master of Business Administration (Leadership) graduates have skills that are valued by employers. You could find work in Australian and in international corporations, government departments at all levels, educational environments or non-government and not-for-profit organisations. All are employers who need leaders who can respond to challenges (internal and external to the organisation) and lead responsibly, innovatively and sustainably.



⁺estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements



“The Conflict Management and Resolution program at JCU taught me so much about myself, understanding other people and how to manage conflict. The combination of theory with role-play heightens the learning experience, and I was able to apply new knowledge and skills in my professional role immediately.”

Natasha Buttler

MASTER OF BUSINESS ADMINISTRATION AND MASTER OF CONFLICT MANAGEMENT AND RESOLUTION

Business, Finance and Law

JCU Business, Finance and Law specialises in accredited training that has a focus on innovative, evidence-based and sustainable change. JCU graduates have high-level skills and advanced academic knowledge, empowering them to be the next generation of leaders and managers in the rapidly changing business, finance and law sectors.

88%*

Graduate employment rate

*ComparED 2020, PG study area (Business & Management)

\$98,000*

Median Graduate salary

*Good Universities Guide 2021, PG study area (Business & Management)

83%*

Satisfied with skill improvement*

*ComparED 2020, PG study area (Business & Management)

Master of Conflict Management and Resolution

Fees: \$27,320[^]

WHAT TO EXPECT

- Apply your theoretical knowledge and engage with real-world conflict scenarios. Learn from leading industry practitioners and gain hands-on experience through JCU's partnership with the Dispute Resolution Branch (DRB).
- Evaluate complex conflict and related theories and standards for professional practice in conflict management and resolution. Analyse complex conflicts and conflict management systems.
- Provide specialised advice to assist individuals, groups and organisations to constructively manage conflict. Effectively communicate with, facilitate and support people in personal, group, organisational and cross-cultural conflict.
- Research, analyse and interpret data from a range of sources relevant to conflict management and resolution. Exercise independent ethical judgment and initiative in conflict management and resolution practice and research.

CAREER OPPORTUNITIES

JCU Conflict Management and Resolution graduates contribute valuably to local and global workplace environments, leading innovative and sustainable change in a variety of business sectors. You could find employment in a broad range of workplace environments that rely on productive professional relationships and require strong leadership skills, including business, law, healthcare, education, public service, human resources and many other contexts. You could also work as a conflict resolution specialist, mediator, arbitrator or conciliator.



Related qualifications:

- Graduate Certificate of Conflict Management and Resolution

Master of Governance and Leadership

Fees: \$27,320[^]

WHAT TO EXPECT

- Collaborate with local organisations to plan, execute and communicate the results of a real-world research project.
- Flexible study and degree options that you can tailor to your professional needs and career pathway.
- Develop innovative methodologies for the management of complex societal issues. Investigate, analyse and synthesise information, issues and problems with concepts and theories in relation to governance and leadership practices.
- Communicate and demonstrate knowledge, skills and ideas that contribute to and advance understandings and ethical practices in governance and leadership.

CAREER OPPORTUNITIES

JCU Master of Governance and Leadership graduates are positioned to lead change in the sphere of governance. You could find employment in corporate or government agencies, not-for-profits or community and research organisations. You could also work in high-level leadership roles managing the rapidly changing e-governance environment, such as collective intelligence and social networking technologies.



[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

Master of Professional Accounting

Fees: \$27,320[^]

WHAT TO EXPECT

- Critically analyse complex contemporary business issues using appropriate accounting models and techniques and make reasoned recommendations based on a synthesis of theory and evidence. Adapt accounting constructs and skills to diverse theoretical or practical situations.
- Integrate advanced theoretical and technical accounting knowledge which includes a selection of auditing and assurance, finance, economics, quantitative methods, information systems, commercial law, corporation law and taxation law.
- Evaluate contexts within which differing accounting performance reporting and monitoring methods should be integrated and applied.
- Exercise judgement under minimal supervision to solve emerging and/or advanced accounting problems in complex contexts using social, ethical, economic, regulatory and global perspectives.

CAREER OPPORTUNITIES

JCU Master of Professional Accounting graduates are highly skilled professionals who lead successful careers in finance. As an accountant with a degree accredited by Certified Practising Accountants (CPA) Australia, Chartered Accountants Australia and New Zealand (CAANZ), and the Association of Chartered Certified Accountants (ACCA) you could find employment in a variety of public and private organisations.



Related qualifications:

- [Graduate Diploma of Accounting](#)
- [Graduate Certificate of Accounting](#)

Master of Professional Accounting - Master of Business Administration

Fees: \$28,960[^]

WHAT TO EXPECT

- Evaluate sustainable economic, social and environmental practices and value systems from accounting and other disciplinary perspectives.
- Critically analyse complex contemporary business issues using appropriate business and accounting models and make reasoned recommendations based on multidisciplinary synthesis of theory and evidence.
- Research and apply established concepts to solve business and professional practice problems.
- Present complex business analyses and accounting information appropriately to different audience using effective oral presentation skills and clear, fluent written communication.

CAREER OPPORTUNITIES

JCU's Master of Professional Accounting - Master of Business Administration has full accreditation with the Australian professional accounting bodies, Certified Practising Accountants Australia (CPA), Chartered Accountants Australia and New Zealand (CAANZ) and the Association of Chartered Certified Accountants (ACCA), which is the global body for professional accountants. ACCA qualifications are recognised worldwide.



Education

JCU Education champions education access and outcomes in regional, rural, remote and Indigenous communities. JCU graduates have in-depth knowledge and advanced practical skills, enabling them to make a difference for their students and communities.

87%*

Graduate full-time employment

*Good Universities Guide 2021, PG study area

\$74,000*

Median graduate salary

*Good Universities Guide 2021, PG study area science

World-class research*

Access expertise

*Excellence in Research Australia (ERA) 2018

Master of Education

Fees: \$21,520[^]

WHAT TO EXPECT

- Flexible study options so you can align your degree with the demands of your personal and professional life.
- Investigate, analyse, synthesise and evaluate complex information, problems, concepts and theories at an advanced level, and critically reflect on theory in relation to different bodies of knowledge or practice.
- Justify, interpret and present theoretical propositions, methodologies, conclusions and professional decisions to specialist and non-specialist audiences.
- Develop advanced knowledge of recent developments, discourses and debates in the field, or a sub-field, of Education and/or area of professional practice.

CAREER OPPORTUNITIES

JCU Master of Education graduates lead rewarding careers across a variety of roles. Graduates work in leadership, education, communication and sustainability in both public and private organisations. Leverage your teaching qualification and experience with the Master of Education and find leadership roles in schools, corporate education, the community sector and public policy.



Master of Guidance and Counselling

Fees: \$21,520[^]

WHAT TO EXPECT

- Reflect on deep and critical approaches to learning in issues relating to the tropics, sustainability, and Indigenous, regional and rural wellbeing, and their application in the guidance and counselling field, including career development.
- Design, plan and ethically execute a substantial research-based project with creativity and initiative and a high level of autonomy and accountability.
- Critically review, analyse and synthesise theoretical propositions, professional practice and research principles and methodologies in guidance and counselling, including intercultural and career development applications.
- Interpret, evaluate, generate and justify complex ideas, conclusions and professional decisions to specialist and non-specialist stakeholders, using advanced speaking, reading, writing, listening, numeracy and advocacy skills.

CAREER OPPORTUNITIES

JCU Master of Guidance and Counselling graduates have extensive professional knowledge and practical experience that is accredited by the Australian Counselling Association and the Singapore Association for Counselling. You could provide specialist human resource management skills across the public or private sector for business or government, as well as working in schools as a guidance counsellor.



EDUCATION

[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

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- JCU Townsville
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- Field trips
- Clinical placements

Master of Teaching and Learning (Primary)

Fees: \$21,520[^]

WHAT TO EXPECT

- Maximise your professional experience with work integrated learning and mentoring throughout your degree. Respond to the unique challenges of North Queensland and the Tropics with practical involvement in rural and remote communities.
- Choose from six specialisations - English/Literacy, Mathematics/ Numeracy, Science, Technology, Humanities and Social Science and Health and Physical Education.
- Learn to design, implement, and evaluate curriculum to enhance learning outcomes for all students. Demonstrate your ability to improve Indigenous learning outcomes with your strong knowledge of learning styles and cultural frameworks.

CAREER OPPORTUNITIES

JCU Teaching and Learning (Primary) graduates have high-level skills and expertise, and are nationally accredited through the Australian Institute for Teaching and School Leadership (AITSL) in association with the Queensland College of Teachers (QCT). JCU graduates are prepared to teach in primary schools across Australia and to respond to the diverse learning needs of students.



Master of Teaching and Learning (Secondary)

Fees: \$21,520[^]

WHAT TO EXPECT

- Enhance your career by achieving a highly respected Master of Teaching and Learning (Secondary). Your qualification will give you an edge in a competitive educational workplace, and your abilities will be valued if you aspire to work in an Australian, international, Indigenous or rural, regional or remote community.
- Be taught how to learn and learn how to teach. In line with a developmental approach, you'll experience study within this course that is structured into phases focusing on: learners and learning; teaching for learning; leading for learning and change.
- Gain valuable practical skills as you take part in an internship or service-learning experience focused on teachers as researchers for learning. This experience will ensure that you're ready to make a difference at your school from day one.

CAREER OPPORTUNITIES

JCU Master of Teaching and Learning (Secondary) graduates excel in culturally and linguistically diverse classrooms and have specialised skills and knowledge in education for regional, rural, remote and Indigenous communities. You could find work as a secondary teacher in Australian or international schools.



Global Development

JCU Global Development a leader in empowering critical thought. JCU graduates are equipped with the skills to address global poverty, inequality, climate change and development issues.

#1 in the world*

Collaborating for sustainable development goals

* Times Higher Education (THE) Impact Rankings 2020

Accelerated learning

Finish sooner with credit for previous study

5 stars for median salary*

* Good Universities Guide 2020, postgraduate outcomes

Master of Global Development

Fees: \$7,490⁺ \$27,320.00[^]

WHAT TO EXPECT

- Analyse, evaluate and generate solutions to complex social and environmental problems, with a focus on tropical, remote and Indigenous contexts.
- Develop professional leadership skills and culturally sensitive practices. Learn to work autonomously and collaboratively in the design, implementation and evaluation of development projects and policy-related initiatives.
- Expand your professional network and learn from industry leaders through a domestic or international internship.
- Integrate your skills and knowledge in an area you're passionate about by undertaking an individual research project.
- Fast-track your degree. If you have a bachelor's degree or a graduate certificate in a related discipline, you may be able to complete the master's degree in 1.5 years. If you have a bachelor (Honours) degree or a graduate diploma in a related discipline, you may be able to complete this degree in 1 year.

CAREER OPPORTUNITIES

JCU Global Development graduates have specialised skills that are used to solve pressing global development issues, such as global poverty, inequality, natural disasters and climate change.

You could work in a variety of local and global settings across a range of industries, including national and international non-government organisations, government departments, local councils, global governance institutions and research organisations.

You could find employment as a leading advocate, business planner and developer, fundraiser, disaster recovery specialist or research officer.



Related qualifications:

- Graduate Diploma of Global Development
- Graduate Certificate of Global Development



"It was refreshing to have a course coordinator as invested in my learning and experiences as I was. The support, motivation and thoughtful considerations surpassed my expectations and inspired me to excel. It truly made my postgraduate experience memorable, enriching, challenging and a worthwhile investment."

Joyce Gehr

MASTER OF GLOBAL DEVELOPMENT

⁺estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

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- JCU Townsville
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- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

Health

JCU Health is a leader in improving the wellbeing of individuals and communities. JCU graduates have strong expertise and advanced practical skills, empowering them to make a difference.

5 stars for student support*

*Good Universities Guide 2021,
PG study area Health services and support

\$110,800*

Median graduate salary

*Good Universities Guide 2021,
PG study area Health services and support

#1 in Australia*

Median salary

*Good Universities Guide 2021,
PG study area Health services and support

Master of Health Professional Education

Fees: \$25,240[^]

WHAT TO EXPECT

- Develop knowledge and skills in teaching and learning in clinical contexts, educational technologies, assessment, evaluation, curriculum design, leadership, and evidenced-based leadership.
- Investigate, analyse, and synthesise the theories and principles of health professional education. Solve complex problems unique to regional, remote and tropical Australia.
- Design, manage, and conduct a research-based project with careful consideration for ethical principles.

CAREER OPPORTUNITIES

JCU Master of Health Professional Education graduates are equipped with specialist educator skills that are applicable to a range of clinical and healthcare settings.

You could work in private or public hospitals, tertiary health services, rural and remote health services, or in community settings and clinics. You could find work as an educator in medicine, nursing, dentistry, and all allied health professions, or as a lead clinical educator, supervisor, or preceptor for health students in your discipline.



Related qualifications:

- Graduate Diploma of Health Professional Education
- Graduate Certificate of Health Professional Education



HEALTH

“I think Health Professional Education helps you not just to move into education, but makes you a better clinician. I can educate my patients better and talk to students and colleagues more effectively. The course has given me a passion for research I never thought I’d find. I now feel I can make a real difference through research, rather than doing exclusively service-based delivery”

Dr Angie Nilsson

MASTER OF HEALTH PROFESSIONAL EDUCATION

Health

JCU Health is a leader in improving the wellbeing of individuals and communities. JCU graduates have strong expertise and advanced practical skills, empowering them to make a difference.

5 stars for student support*

*Good Universities Guide 2021, PG study area Health services and support

\$110,800*

Median graduate salary

*Good Universities Guide 2021, PG study area Health services and support

#1 in Australia*

Median salary

*Good Universities Guide 2021, PG study area Health services and support

Master of Rehabilitation

Fees: \$27,320[^]

WHAT TO EXPECT

- Create assessment, management, and evaluation plans across the human lifespan, for culturally and demographically diverse peoples. Benefit from a focus on tropical, rural, remote, and Indigenous communities.
- Develop solutions for complex problems in health professional practice by retrieving, critically evaluating, and applying established and evolving evidence.
- Design, analyse, and ethically implement research and critically reflect on implications of research findings for clinical practice.

CAREER OPPORTUNITIES

JCU Master of Rehabilitation graduates possess the contemporary knowledge and experience to upskill and update their clinical practice. Graduates work in rehabilitation, occupational therapy, physiotherapy, and speech pathology. You will gain advanced skills in your specialisation and valuable expertise in tropical, Indigenous, rural, and remote practice.

MAJORS

- General Major in Rehabilitation
- Occupational Therapy
- Physiotherapy
- Speech Pathology



Related qualifications:

- Graduate Diploma of Rehabilitation
- Graduate Certificate of Rehabilitation

Graduate Diploma of Rural Generalist Practice

Fees: \$25,240[^]

WHAT TO EXPECT

- Deliver rural and remote health services effectively and confidently in low resource settings. You will gain the leadership, research, and patient management skills to respond to diverse healthcare needs.
- Innovate solutions for local healthcare challenges by retrieving, critically evaluating, synthesising, and applying established and evolving evidence.
- Plan, implement, and evaluate service development and quality improvement in the local rural and remote service setting.

CAREER OPPORTUNITIES

JCU Graduate Diploma of Rural Generalist Practice graduates are equipped with highly specialised, sought-after skills that allow them to work effectively in rural and remote communities. You can advance your career as a nutritionist/dietician, occupational therapist, pharmacist, physiotherapist, podiatrist, psychologist, radiographer, social worker, or speech pathologist. You could find employment in the allied health industry, and in rural, remote, and Indigenous communities.



[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

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.

82%*

Satisfied with skills improvement

*ComparED 2020, PG study area

Flexible Options

Make study work for you

Above world class*

research in technology

*Excellence in Research Australia (ERA) 2018

Master of Information Technology

Fees: \$27,320[^]

WHAT TO EXPECT

- Benefit from the opportunity to gain hands-on experience applying your new skills to real-world problems. Learn from leading industry experts in a variety of workplaces.
- Choose from three majors and tailor your degree to your career goals with computing and networking, business informatics, or interactive technologies and games design.
- Apply lateral and original thinking to conceptualise and evaluate a range of solutions to relevant problems. Critically analyse to select appropriate tools and technologies to meet project requirements.
- Advance knowledge of technologies and networking methods at both area networks and Internet level. Communicate technical information clearly through presentations, demonstrations and documentation.

CAREER OPPORTUNITIES

JCU Master of Information Technology graduates are highly skilled and well equipped to solve technology challenges of the future. You could work in a variety of sectors advising and leading technology-related organisational decision making.



Related qualifications:

- Graduate Certificate of Information Technology

Master of Information Technology - Master of Business Administration

Fees: \$27,320[^]

WHAT TO EXPECT

- Apply lateral and original thinking to conceptualise and evaluate a range of solutions to relevant business and information technology problems.
- Communicate technical and specialised information clearly through presentations, demonstrations and documentation using effective oral presentation skills and clear written communication.
- Evaluate contexts within which differing sustainable business performance methods should be integrated and applied. Critically analyse to select appropriate tools and technologies to meet project requirements.
- Apply creative and innovative thinking effectively to business theory and practice. Conceptualise and evaluate a range of solutions to relevant information technology problems.

CAREER OPPORTUNITIES

JCU Master of Information Technology-Master of Business Administration graduates have critical business acumen and information technology expertise. You could find work in a number of sectors including accounting, finance management, marketing, operations management, E-business technologies, multimedia, programming, networking or software.



Medicine & Dentistry

JCU Medicine and Dentistry is a leader in health equality. Be equipped with the skills to make an impact – improve healthcare in underserved communities or make life-changing discoveries.

5 stars for learning resources*

*Good Universities Guide 2021, PG study area Medicine

97%*

Full-time graduate employment

*Good Universities Guide 2021, PG study area Medicine

\$110,300*

Median graduate salary

*Good Universities Guide 2021, PG study area Medicine

Master of Rural and Remote Medicine

Fees: \$25,240[^]

WHAT TO EXPECT

- Apply advanced and integrated knowledge, and consider current evidence, to evaluate cultural, social, community, population, and health factors influencing the practice of rural and remote medicine.
- Investigate, analyse, and synthesise the complexities of health and healthcare delivery in rural and remote communities. Exercise autonomy and expert judgement to respond in a variety of ways to these challenges.
- Design, implement, communicate, and reflect upon a research project in an area of relevance to rural and remote medical practice.

CAREER OPPORTUNITIES

JCU Master of Rural and Remote Medicine graduates are equipped with the skills to deliver specialised, evidenced-based healthcare to rural, remote, and Indigenous communities.

You could find rewarding career opportunities as a clinical supervisor and teacher, medical educator, in rural and remote healthcare clinics, or aeromedical medicine.



Related qualifications:

- Graduate Diploma of Rural and Remote Medicine



“As a practicing clinician wanting to better understand what I do, and where I fit, the Master of Rural and Remote Medicine provides context to my work. The Master of Rural and Remote Medicine provided me, a very busy rural doctor, with a foundation on which to build my research and health professional education skills. It has been transformative in rekindling my enthusiasm for rural medicine.”

Dr Ewen McPhee

MASTER OF RURAL AND REMOTE MEDICINE

[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

Graduate Diploma of Surgical Anatomy

Fees: \$28,960[^]

WHAT TO EXPECT

- Review, consolidate, and synthesise knowledge of anatomical development, tissue structure, and functional systematic structure to identify anatomical variants and analyse the clinical and surgical implications of such variants.
- Apply and adapt advanced anatomical knowledge and technical skills to structural identification and regional cadaveric dissection of a whole human body.
- Relate detailed anatomical knowledge to the potential for pathology development, functional complications of the human body and the options for management of complications.
- Communicate theoretical knowledge using high-level literacy and numeracy skills to a variety of audiences.

CAREER OPPORTUNITIES

JCU Graduate Diploma of Surgical Anatomy graduates are equipped with specialist skills that prepare them for the next step in their careers.

The curriculum and delivery of the course align with the academic requirements you need when preparing for Surgical Education Training (SET) examinations.



[^]This course requires some on campus attendance

Graduate Diploma of Orthodontics

Fees: \$50,512[^]

WHAT TO EXPECT

- Apply the scientific basis of orthodontics, with particular emphasis on current theories relevant to growth and development; diagnosis; treatment planning; and, clinical management of malocclusions.
- Diagnose orthodontic dental malocclusions and skeletal discrepancies. Implement biomechanical methods to treat orthodontics cases.
- Formulate evidenced-based treatment plans following consideration of the underlying condition and addressing the patient's chief complaint.
- Learn to critically analyse orthodontic literature and apply it to the clinical setting.

CAREER OPPORTUNITIES

JCU Graduate Diploma of Orthodontics graduates are equipped with the skills and knowledge to diagnose, manage, and implement evidenced-based orthodontic care. You will be able to offer an enhanced scope of care to your community in a field of dentistry that is experiencing high demand.



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.

#1 in Australia*

Median salary

*Good Universities Guide 2021, PG study area

#1 in Queensland*

Student support

*Good Universities Guide 2021, PG study area

92.9%*

of graduates were satisfied with their course

*ComparED, Course Experience Questionnaire (2018-2019), PG study area

Master of Nursing

Fees: \$28,960[^]

WHAT TO EXPECT

- Align study with your career goals and choose from three specialisation tracks: advanced practice, leadership and management, and education. If you can't choose between specialties, combine two and graduate with a double major.
- Make study work for you with flexible, online delivery designed to fit in your busy personal and professional life.
- Adapt to the challenges of changing healthcare environments in rural, remote and urban healthcare settings.
- Advance to the next phase of your career with skills in advanced communication, data management, governance, informatics, ethical leadership, clinical education and advanced patient care.

CAREER OPPORTUNITIES

JCU Master of Nursing graduates are equipped with specialised skills in leadership and management, advanced clinical care and nurse education, and are employed in a variety of healthcare settings.

You could find work as a specialist nurse or nurse leader in public or private hospitals, rural and regional clinical settings, community health, the education sector or nursing management.



Intakes: Jan, Mar, May, Jul, Sept, Oct.

Related qualifications:

- Graduate Diploma of Nursing
- Graduate Certificate of Nursing

Graduate Diploma of Midwifery

Fees: \$6,684[^] \$22,360[^]

WHAT TO EXPECT

- Undertake continuous placement in a facility of your choice in Australia. Benefit from first-hand experience working with midwives in your local birthing suites, community midwifery services, private practice midwifery, maternity wards and special care nurseries.
- Design, implement and evaluate evidence-based care that recognises every woman's right to self-determination and autonomy in familiar, complex and challenging environments across the pregnancy continuum.
- Develop and communicate culturally safe strategies to promote and optimise health, welfare and autonomy of childbearing women in Australia, with specific reference to Aboriginal and Torres Strait Islander families.
- Engage in a continuity of care experience program. Provide midwifery care for women through attendance at antenatal appointments, labour, birth and the postnatal period throughout the course.

CAREER OPPORTUNITIES

JCU Graduate Diploma of Midwifery graduates are equipped with specialist skills and are employed in a variety of midwifery care settings.

You could find work as a midwife in public and private hospitals, birth centres and clinics, midwifery group practice, aeromedical services, neonatal care services and rural and remote facilities.



[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements



“Studying the Graduate Diploma of Midwifery through JCU has made the process of transitioning from a Registered Nurse to a Midwife truly enjoyable, and I recommend it to anyone who is eager to further their clinical skills and progress their career.”

Zoe Robson

GRADUATE DIPLOMA OF MIDWIFERY

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.

#1 in Australia*

Median salary

*Good Universities Guide 2021, PG study area

#1 in Queensland*

Student support

*Good Universities Guide 2021, PG study area

92.9%*

of graduates were satisfied with their course

*ComparED, Course Experience Questionnaire (2018-2019), PG study area

Graduate Certificate of Diabetes Education

Fees: \$11,523[^]

WHAT TO EXPECT

- Gain accreditation as a diabetes educator with the Australian Diabetes Educators Association (ADEA) Foundation.
- Provide safe, effective, client centred, clinical care and self-management education to people with or at risk of diabetes across the lifespan.
- Systematically plan, manage and evaluate diabetes services that support a contemporary, integrated, multidisciplinary approach to client care, in a range of practice settings including rural, remote, Indigenous and tropical Australian contexts.
- Demonstrate effective leadership and oral and written communication skills in advocating for diabetes prevention, self-management education and care to optimise the health and welfare of individuals and populations.

CAREER OPPORTUNITIES

JCU Graduate Certificate of Diabetes Education graduates are equipped with specialist skills in diabetes management, care, and education that are relevant in a variety of healthcare settings.

You could find employment in private and public hospitals, rural and remote health clinics, education settings, and public health. You could find work as a diabetes educator.



*This course requires some on campus attendance

Graduate Certificate of Diabetes Studies

Fees: \$11,523[^]

WHAT TO EXPECT

- Systematically plan, manage and evaluate diabetes care and diabetes services in a way that supports a contemporary, integrated, and multidisciplinary approach to client care in a variety of practice settings.
- Provide safe, effective, client centred, clinical care and self-management education to people with or at risk of diabetes across the lifespan.
- Identify, evaluate and apply established and evolving evidence in the provision of diabetes education and practice including clinical care, education, counselling and program and service development and management.

CAREER OPPORTUNITIES

JCU Graduate Certificate of Diabetes Studies graduates are equipped with specialist skills in the treatment, management, and evaluation of diabetes care.

You could find work in a variety of government, private health, hospital and community settings, offering client-centred and evidenced-based clinical care and self-management education programs. Expand your expertise or open the door to new careers in diabetes management and prevention.



[^] Estimated annual fee, plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible

LEGEND

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

Public Health and Tropical Medicine

JCU Public Health and Tropical Medicine is a world leader in improving the health and wellbeing of communities within the global tropics. JCU graduates have highly specialised skills and expertise, enabling them to be effective leaders for positive change in the communities they live and work in.

Above world-class standards*

Access research expertise

*Excellence in Research Australia (ERA) 2018, Public Health and Health Services

Exclusive course offering*

The Master of Public Health and Tropical Medicine is the only course of its kind in Australia

Lecturers and industry experts

Get the best of both worlds with lecturers who practice in industry

Master of Public Health

Fees: \$9,625* \$25,240^

WHAT TO EXPECT

- Specialise in public health issues relevant to Australia, the Tropics, and to developing nations worldwide.
- Draw on your knowledge of recent developments in tropical healthcare to make responsible, informed and ethical decisions. Use the knowledge and skills you acquire to effect meaningful change in public health.

CAREER OPPORTUNITIES

JCU Public Health graduates find challenging and rewarding careers.

Graduates go on to work in regional, rural, and remote locations in Australia and internationally.

You could find employment in state and commonwealth government organisations, health care settings, community settings, non-profit and International organisations both within and beyond the health sector. Roles can involve work that focuses on the protection of the health of the population, prevention of poor health outcomes and promotion of health and wellbeing. Opportunities to engage in further research training via a Doctor of Public Health (Research) is also a possibility.



Master of Public Health and Tropical Medicine

Fees: \$9,803* \$27,450^

WHAT TO EXPECT

- Pursue your passion with a Master of Public Health and Tropical Medicine, one of only two degrees of this kind offered globally.
- Complete most of your studies online, and benefit from immersive learning experiences in the north of Queensland by studying elective block mode subjects that focus on tropical, rural, remote and Indigenous communities.
- Develop your professional judgement and ethical decision making using evidence-based approaches. Use your knowledge and expertise in public health core competencies and tropical medicine to become an effective leader for positive change in the communities in which you work..

CAREER OPPORTUNITIES

JCU Public Health and Tropical Medicine graduates acquire the knowledge and skills needed to enhance their practice and manage public health priorities in tropical environments.

Graduates have the knowledge and skills to work in disease control and prevention programs that focus on conditions found in tropical areas of Australia and internationally.

You could find employment in State and Commonwealth Government organisations, health care settings, community settings, non-profit and international organisations. This could include working in roles related to disease control and protection of the health of the population living in tropical areas, and promotion of health and wellbeing. Opportunities to engage in further research training via a PhD is also possible.



Related qualifications:

- Graduate Diploma of Public Health and Tropical Medicine

Public Health and Tropical Medicine

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Above world-class standards*

Access research expertise

*Excellence in Research Australia (ERA) 2018, Public Health and Health Services

Exclusive course offering*

The Master of Public Health and Tropical Medicine is the only course of its kind in Australia

Lecturers and industry experts

Get the best of both worlds with lecturers who practice in industry

Master of Public Health - Master of Business Administration

Fees: \$26,860[^]

WHAT TO EXPECT

- This joint master enables health professionals to gain advanced management skills while undertaking further study in the area of their specialisation.
- The program aims to develop the following knowledge and skills:
 - Understanding current major health and management issues
 - Managing information and human financial resources within health care delivery organisations
 - Critical analysis by health managers in the context of national and global economic and political environments
 - Identification and analysis of management issues in health care delivery organisations and the identification of appropriate solutions.

CAREER OPPORTUNITIES

JCU Master of Public Health-Master of Business Administration graduates are uniquely equipped to be leaders in healthcare.

You could find employment in public and private healthcare positions including management, marketing, research, and economics.

Roles could include being a healthcare professional with a focus on travel, tropical and rural areas, developing countries, disease management or Indigenous health care. You could also work as a policy officer, healthcare administrator, epidemiologist, community health worker, management consultant, CEO, research associate or project coordinator.



Graduate Diploma of Tropical Medicine and Hygiene

Fees: \$29,100[^]

WHAT TO EXPECT

- Undertake advanced studies of the medical issues in tropical Australia and its close neighbours with the Graduate Diploma of Tropical Medicine and Hygiene.
- Study epidemiology, pathogenesis, diagnosis, and management of tropical diseases in depth. Develop your evidence-based approach with recent advancements in the field.
- Subjects are offered as flexible delivery, which includes online mode, limited attendance mode, and block mode/intensives.
- Enhance your current qualifications. Tropical Medicine and Hygiene graduates contribute valuably to Northern Australia and beyond.

CAREER OPPORTUNITIES

JCU Graduate Diploma of Tropical Medicine and Hygiene graduates are equipped with expert knowledge and skills necessary to pursue work in tropical environments.

You could work in roles to control disease, protect the health of people living in tropical areas, promote health and wellbeing, conduct aid work in areas such as the western Pacific and Southeast Asia.



⁺estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements



“My experience at JCU was a beautiful experience. The support was really extraordinary and way beyond my expectations. I know that now when I’m given the opportunity to work in the public health sector, I can do things much more differently compared to when I was working without the knowledge that I gained during the Master of Public Health and Tropical Medicine. It’s an amazing course and I’d recommend it to anyone, everywhere.”

Dr Faith Alele

MASTER OF PUBLIC HEALTH AND TROPICAL MEDICINE

Public Health and Tropical Medicine

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Above world-class standards*

Access research expertise

*Excellence in Research Australia (ERA) 2018, Public Health and Health Services

Exclusive course offering*

The Master of Public Health and Tropical Medicine is the only course of its kind in Australia

Lecturers and industry experts

Get the best of both worlds with lecturers who practice in industry

Graduate Certificate of Aeromedical Retrieval

Fees: \$16,120[^]

WHAT TO EXPECT

- Build on your qualification as a doctor, nurse, or paramedic to work with aeromedical evacuation systems. You will gain specific skills in pre-hospital and secondary retrieval situations in accordance with Australian and International healthcare standards.
- Develop a broad understanding of the foundations of aeromedical retrieval and the essential skills required. Choose from various subjects to tailor your degree to your interests.
- Enhance your current qualifications. Graduates of JCU's Graduate Certificate of Aeromedical Retrieval are highly-skilled, sought-after health professionals.

CAREER OPPORTUNITIES

JCU Aeromedical Retrieval graduates have dynamic and engaging careers in health care. You could find employment as a retrieval physician, a flight nurse, or a flight paramedic.

Graduates work in not-for-profit, government health services, military and non-government organisations. Your work is likely to take you to remote and interesting locations, either in Australia or internationally. JCU Aeromedical Retrieval graduates learn and develop very specialised skills working in high-pressure situations that can broaden career options.



*Some optional subjects may require face-to-face on campus attendance

Graduate Certificate of Communicable Disease Control

Fees: \$4,964[^]

WHAT TO EXPECT

- Learn how to identify, control, eliminate and eradicate disease outbreaks. You will gain advanced knowledge in infectious disease epidemiology, infection control, the interaction of human and animal health, and environmental factors.
- Apply your theoretical knowledge to real-life scenarios, including resourcing limitations you may encounter in some national and international settings.
- Enhance your qualifications and be equipped to combat current and future pandemics. Graduate Certificate of Communicable Disease graduates benefit from the research-rich environment of tropical expertise at JCU.

CAREER OPPORTUNITIES

JCU Graduate Certificate of Communicable Disease Control graduates have specialist knowledge to help identify and adequately respond towards communicable disease outbreaks, including pandemics.

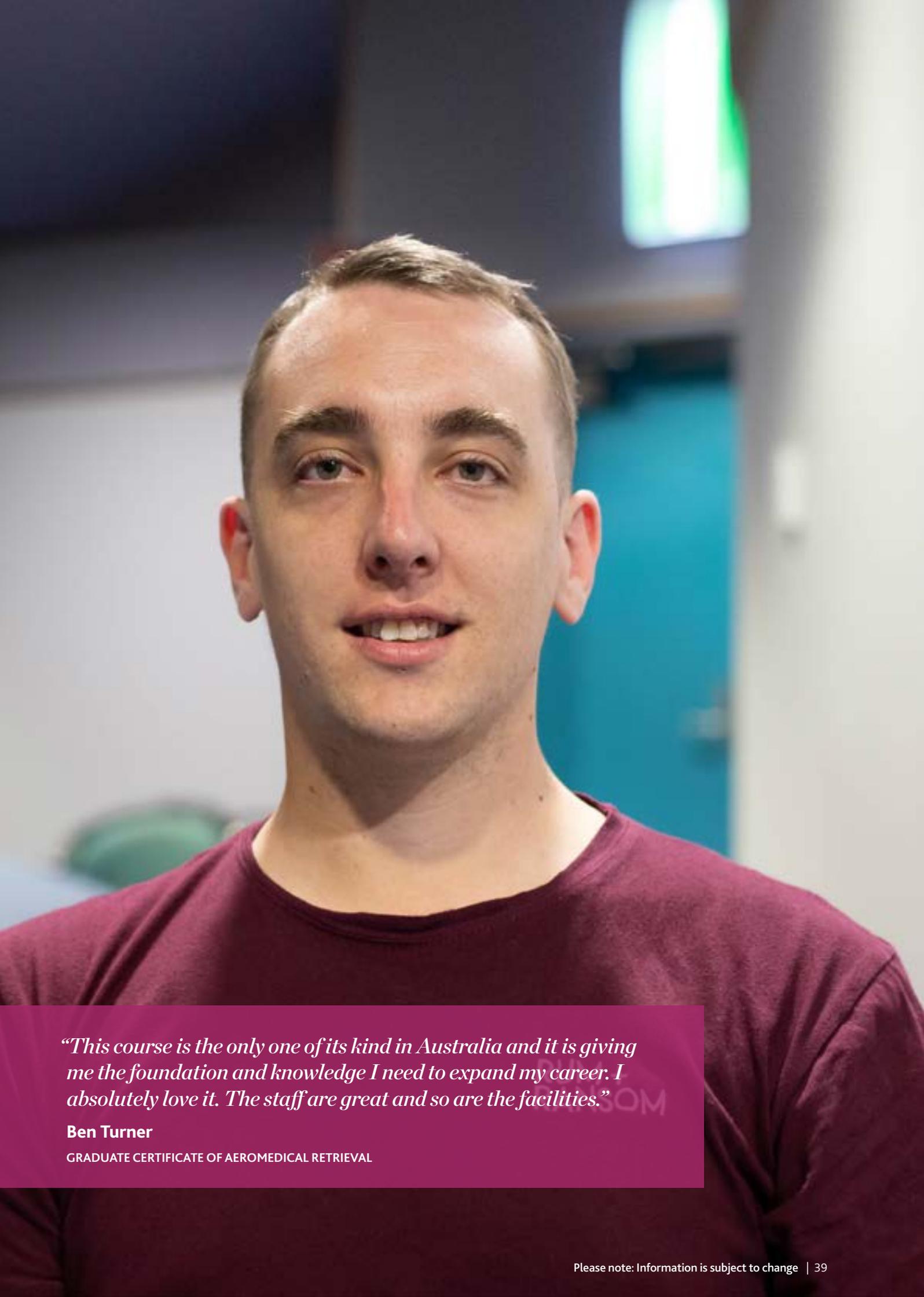
You could find employment as a communicable disease specialist in national and international organisations. Find work as part of a multidisciplinary team in the health sector, including Ministries of Health, international relief agencies, hospitals, aged-care facilities and local public health units.



⁺estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements



“This course is the only one of its kind in Australia and it is giving me the foundation and knowledge I need to expand my career. I absolutely love it. The staff are great and so are the facilities.”

Ben Turner

GRADUATE CERTIFICATE OF AEROMEDICAL RETRIEVAL

Public Health and Tropical Medicine

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Above world-class standards*

Access research expertise

*Excellence in Research Australia (ERA) 2018, Public Health and Health Services

Exclusive course offering*

The Master of Public Health and Tropical Medicine is the only course of its kind in Australia

Lecturers and industry experts

Get the best of both worlds with lecturers who practice in industry

Graduate Certificate of Disaster Health and Humanitarian Assistance

Fees: \$12,620[^]

WHAT TO EXPECT

- Specialise in a field you're passionate about with a Graduate Certificate of Disaster Health and Humanitarian Assistance. This course is designed for health professionals and graduates who want to develop skills and knowledge in this area.
- Be equipped to provide a coordinated and informed public health response in humanitarian emergencies and disaster settings both nationally and internationally.
- Learn and apply specialised theoretical and technical knowledge across a range of real-world disaster and displacement scenarios. Take advantage of JCU's world-class tropical research facilities.
- JCU Disaster Health and Humanitarian Assistance graduates are highly-trained specialists who contribute valuably to the field of disaster health and humanitarian assistance.
- This course is delivered online and is available part-time only.

CAREER OPPORTUNITIES

JCU Graduate Certificate of Disaster Health and Humanitarian Assistance graduates are highly-trained specialists who contribute valuably to humanitarian emergencies and disaster scenarios.

You could find work in a range of local and global health settings, including international humanitarian assistance organisations such as the Red Cross and Médecins Sans Frontières, and in Australian disaster management positions.



Graduate Certificate of Infection Control

Fees: \$12,620[^]

WHAT TO EXPECT

- Make a significant contribution as a medical, nursing, or health-related professional to the health of patients, staff and the public in your healthcare facility.
- Apply and adapt specialised knowledge, skills and technical competencies pertaining to infection prevention and control across a variety of health contexts, including rural, remote and Indigenous settings in developed and developing countries.
- Critically analyse and synthesise a range of data and evidence to provide solutions to complex problems related to infection prevention and control.
- Appraise the significance of healthcare-associated infections and their causative pathogens, and exercise high-level and independent judgement in the design, implementation and evaluation of strategies for their management across tropical, rural, remote and Indigenous communities.

CAREER OPPORTUNITIES

JCU Graduate Certificate of Infection Control graduates are equipped with the knowledge and skills applicable to a wide range of healthcare settings.

You could find employment in public and private hospitals in metropolitan, regional, and rural settings; aged care facilities, mental health, drug and alcohol settings, or infection control policy development.

You could provide education programs to a broad range of stakeholders and enable healthcare and other organisations to maximise the effectiveness of their infection control procedures.



Some optional subjects may require face-to-face on campus attendance

[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

Graduate Certificate of Travel Medicine

Fees: \$15,725[^]

WHAT TO EXPECT

- Gain practical and academic experience with the Graduate Certificate of Travel Medicine at JCU.
- Learn to investigate and manage travel-related diseases, perform risk-assessments, and promote the health of travellers. Become familiar with the current national and international practices and guidelines.
- Study in cutting-edge facilities with outstanding teachers and build professional networks during a block mode subject in Townsville. Carve out your space in the field of travel medicine with a course that is accredited as an approved qualification by The Faculty of Travel Medicine of the Australasian College of Tropical Medicine for their fellowship program.

CAREER OPPORTUNITIES

JCU Graduate Certificate of Travel Medicine graduates have specialist knowledge that is applicable in a variety of healthcare settings.

You could find work in public and private hospitals, clinical healthcare settings, or community and health-based organisation, or as a travel health consultant.



Requires some on-campus attendance

Psychology

JCU Psychology specialises in accredited training with special reference to rural, remote and Indigenous communities. Graduates have extensive placement experience and advanced academic knowledge, enabling them to facilitate high-quality mental healthcare.

1000+ hours
of placement

96%*
Graduate employment
*ComparED 2020, PG study area

Specialised observation suites
Develop high-level skills

Master of Psychology (Clinical)

Fees: \$6,684.00* \$31,880.00^

WHAT TO EXPECT

- Apply mastery knowledge of research principles, methods and ethics to plan and execute a substantial piece of research that addresses a complex theoretical or professional practice issue in clinical psychology.
- Adapt and apply complex and contemporary knowledge, skills and technical competencies in clinical psychology to facilitate quality client outcomes across a variety of populations, including tropical, Indigenous and rural and remote communities.
- Synthesise, evaluate, and apply theories, evidence-based practice and ethical considerations to design and deliver safe and effective assessment and interventions for client groups of varying age, gender, cultural, and socioeconomic status.

CAREER OPPORTUNITIES

JCU Master of Psychology (Clinical) graduates are eligible for full, general registration with the Psychology Board of Australia. Graduates could find employment in a number of clinical settings including public and private mental health providers, mental health wards or community mental healthcare settings.



“The subjects cover a wide range of areas including assessment, therapeutic intervention and research. The course ensures that students graduate ready for professional practice, with high-level skills and a specialised understanding of psychology.”

Billie McKeen

MASTER OF PSYCHOLOGY (CLINICAL)

+estimated annual Commonwealth Supported Fee ^estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

Graduate Diploma of Psychology (Bridging)

Fees: \$28,960[^]

WHAT TO EXPECT

- Make study work for you with flexible, fully online delivery.
- Develop a comprehensive understanding of contemporary theoretical perspectives of psychology, their philosophical and historical developments and their interconnectedness.
- Acquire skills in using technology and statistical methods to facilitate research, client care and community outcomes and to enhance your career in an increasingly digital and data-driven world.
- Access one-to-one support from a dedicated Success Advisor, who will be there throughout your studies to help you achieve your goals.

CAREER OPPORTUNITIES

JCU Graduate Diploma of Psychology (Bridging) graduates have completed the first step on the path to a career as a practising psychologist. Graduates can also use this degree to complement current roles in a variety of industries including marketing, human resources, education, social work and counselling.



Intakes: January, March, May, July September, October

Related qualifications:

- Graduate Certificate of Psychology

Graduate Diploma of Psychology

Fees: \$6,684.00[^] \$31,880.00[^]

WHAT TO EXPECT

- Review, analyse, consolidate and synthesise knowledge and evidence bases underpinning professional practice. Identify and provide solutions to complex problems with intellectual independence.
- Integrate a coherent and advanced body of knowledge across major theoretical perspectives and concepts, and philosophical and historical developments, in the core areas of psychology.
- Assess and reflect upon the ethics and efficacy of professional practice, interventions and interactions.
- Apply knowledge and skills of research principles, methods and ethics to initiate, plan, execute and evaluate a piece of research and scholarship with developing independence and creativity.

CAREER OPPORTUNITIES

The Graduate Diploma of Psychology gives you further training, as well as an increased knowledge of the field and the skills necessary to operate within it. Graduates of this course who wish to become fully registered as psychologists must complete, in addition to this course, two years of supervised practice in the field, or an accredited Master's degree with one further year of supervised practice.



Science and Engineering

JCU Science and Engineering is a leader in envisioning a sustainable and prosperous future for the Tropics. JCU Graduates have highly developed practical skills and expertise that they use to make a difference.

#1 in the World*

Best in the world for Marine Biology

*Centre for World University Rankings 2017, study area

5 stars for learner engagement*

*Good Universities Guide 2021, PG study area

\$79,500*

Median Graduate Salary

*ComparED 2020, PG study are (Science)

Master of Data Science (Professional)

Fees: \$26,400[^]

WHAT TO EXPECT

- Develop high-level industry contacts and undertake real-world projects.
- Integrate and apply an advanced body of practical, technical, and theoretical knowledge, including understanding of recent developments and modern challenges, in data science and its application.
- Plan and conduct appropriate investigations of data sets by selecting and applying qualitative and quantitative methods, techniques and tools, as appropriate to the data and the application.
- Identify, analyse, and generate solutions for complex problems by applying data science knowledge and skills with initiative and expert judgement.

CAREER OPPORTUNITIES

Master of Data Science graduates have a unique skill set and can work in almost any field of business or science. Graduates go on to careers in the fields of science, engineering, business, environmental studies, cyber security, finance, health care, and marketing. You could find work as a data scientist, risk analyst, business intelligence analyst, data miner, actuarial and analytics consultant, or software developer.



Related qualifications:

- Master of Data Science
- Graduate Diploma of Data Science
- Graduate Certificate of Data Science

Master of Engineering (Professional)

Fees: \$28,960[^]

WHAT TO EXPECT

- Master basic and advanced engineering subjects and develop professional skills, such as risk engineering, asset management, safety in design, business leadership and data analytics, and gain industry experience as required by Engineers Australia.
- Enhance your employability and advance your career in Australia and globally through the Masters Employability Program. Complete a structured co-curricular employability skills and development program, which runs for the duration of the degree. This includes a tailored plan to support individual employment objectives, beginning from semester one through to graduation.
- Apply knowledge of research principles, methods, techniques and tools to plan and execute a substantial research-based project, capstone experience and/or piece of scholarship within a professional workplace environment.

CAREER OPPORTUNITIES

Work as a graduate engineer in Australia and abroad. Upon completing the course, you will be accredited by Engineers Australia for Stage 1 competency standards (accreditation in process). You will be a job-ready graduate with competencies in advanced engineering techniques. You will have the broader skill sets and attributes required to work and succeed as a professional engineer. You will also gain a head-start in preparing for Stage 2 competency standards prescribed by Engineers Australia for Professional Engineers.



[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements



“Studying a Master’s of Science (Professional) at JCU, I feel like I am walking away with much more than a piece of paper, but with genuine hands-on experience and skills to tackle both industry and further academic studies. Diving and living on an island in the Great Barrier Reef for a field trip was pretty amazing.”

Jana Birkby

MASTER OF SCIENCE (PROFESSIONAL)

Science and Engineering

JCU Science and Engineering is a leader in envisioning a sustainable and prosperous future for the Tropics. JCU Graduates have highly developed practical skills and expertise that they use to make a difference.

#1 in the World*

Best in the world for Marine Biology

*Centre for World University Rankings 2017, study area

5 stars for learner engagement*

*Good Universities Guide 2021, PG study area

\$79,500*

Median Graduate Salary

*ComparED 2020, PG study area (Science)

Master of Science

Fees: \$28,960[^]

WHAT TO EXPECT

- Gain hands-on experience with access to world renowned research facilities, such as the Orpheus Island Research Station and the Daintree Rainforest Observatory.
- Learn from research and industry experts as you study the unique environments of North Queensland, including coral reefs, seagrass beds, mangroves, dry savannahs, and tropical rainforests.
- Apply knowledge of research principles, methods, techniques and tools to plan and execute a substantial research-based project, capstone experience and/or piece of scholarship.
- Identify, analyse and generate solutions to unpredictable or complex problems, especially related to tropical, rural, remote or Indigenous contexts, by applying scientific knowledge and skills with initiative and expert judgement.

CAREER OPPORTUNITIES

JCU Master of Science graduates are well regarded and highly skilled. You can find employment in a wide range of industries in Australia and internationally. Depending on your area of specialisation, you could work across the public or private sector for business, government, education, research or not for profit agencies. You could find employment in roles such as biologist, conservation agent, educator, environmental manager, field or laboratory technician, geologist, research scientist, resource consultant, or science communicator.



Related qualifications:

- Graduate Diploma of Science
- Graduate Certificate of Science

MAJORS - Master Of Science and Master of Science (Professional)

- Aquaculture Science and Technology
- Fisheries Science and Management
- Tropical Biology and Conservation
- Environmental Earth Science
- Geology
- Environmental Management
- Marine Biology

[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

Master of Science (Professional)

Fees: \$28,960[^]

WHAT TO EXPECT

- Enhance your employability and advance your career in Australia and globally through the Masters Employability Program. Complete a structured co-curricular employability skills and development program, which runs for the duration of the degree. This includes a tailored plan to support individual employment objectives, beginning from semester one through to graduation.
- Apply knowledge of research principles, methods, techniques and tools to plan and execute a substantial research-based project, capstone experience and/or piece of scholarship within a professional workplace environment.
- Identify, analyse and generate solutions to unpredictable or complex problems by applying scientific knowledge and skills with initiative and expert judgement.

CAREER OPPORTUNITIES

JCU Master of Science (Professional) graduates are highly regarded and find employment in a range of organisations around the world. You could pursue a career in the public or private sector for business, government, educational, research and not for profit agencies. Graduates work in roles such as biologist, conservation agent, educator, environmental manager, field or laboratory technician, geologist, research scientist, or resource consultant. This course is also a pathway towards a JCU PhD.



Social Sciences

JCU Social Sciences empower critical and cultural thinking. Be equipped to find solutions to social issues through a multi-disciplinary approach to both theory and practice.

Work anywhere

Gain expertise and a global perspective through a multidisciplinary approach

81%*

of graduates found full-time employment

* ComparED 2020, PG study area, Humanities, Culture & Social Sciences

Face future challenges

Engage with complex issues facing Asia-Pacific and tropical societies

Master of Social Science

Fees: \$6,684* \$21,520^

WHAT TO EXPECT

- Learn about the critical processes of transformation that will shape communities' and environments' future wellbeing. Develop an expert understanding of contemporary social economic and environmental issues in tropical societies.
- During this 1.5 year full-time (or part-time equivalent) master's course, JCU postgraduate social science students study a combination of core subjects and specialist electives, deepening their knowledge in their selected major. All major streams include a research thesis.
- Apply social theory to design and execute a substantial social science research-based project. Use your skills and knowledge to analyse and evaluate complex perspectives and pose creative solutions to societies in diverse tropical contexts worldwide.

CAREER OPPORTUNITIES

JCU Master of Social Science graduates have the knowledge, skills and strategies to work in a broad range of industries. Graduates are sought-after by government agencies, the education sector, industry and commerce. You could find employment in public health services policy analysis and development; research roles that involve analysis and critical evaluation of social systems, institutions, structures and practices; or advocacy for diverse social sciences-related programs.

MAJORS

- Asia-Pacific Governance and Development
- Environment and Heritage



Related qualifications:

- Graduate Diploma of Social Science



SOCIAL SCIENCES

“I think the most enjoyable aspect is the privilege of learning and having access to such wonderful resources and help. Doing something new is not without its challenges and there are certain things that push you outside your comfort zone, but I think that’s important for growth. For me, it’s as much – if not more – about the journey as the qualification at the end.”

Carly Lubicz

MASTER OF SOCIAL SCIENCE, MAJORING IN ENVIRONMENT AND HERITAGE

Social Work

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

80%*

of students rated teaching practices positively

*ComparED 2020, PG study area

75%*

of students rated support services positively

*ComparED 2020, PG study area

1000 hours

of placement experience

Master of Social Work (Professional Qualifying)

Fees: \$28,960*

WHAT TO EXPECT

- Enhance your current qualifications and gain the critical skills to improve the lives of others, working towards creating a just and equitable society.
- Acquire valuable hands-on experience working with individuals, families, groups and communities through on-campus classes and/or residential workshops. JCU's world-class lecturers provide consistent support and regular feedback to help you get the most out of your learning experience.
- Students complete a series of essential core subjects, tailored to the unique and complex challenges of social work. Students consider global issues and international perspectives with those of Aboriginal and Torres Strait Islander peoples.
- Work while you study with JCU's flexible delivery options. You may be eligible for Recognition of Prior Learning for one field education placement if you already have significant social welfare and human services experience

CAREER OPPORTUNITIES

Further your passion for social work and expand your career opportunities with professional accreditation, recognised by the Australian Association of Social Workers.

You could pursue a career in government and non-government organisations throughout Australia or internationally. Graduates find employment in areas like hospital and community health services, child protection services, and youth and family services.

You could work in a range of occupations, such as case work with individuals and families, community work and development roles, or social policy, research and advocacy roles.



“The wealth and depth of knowledge I gained through the Master of Social Work, in addition to being able to grow personally and professionally, has been amazing. I am now a school counsellor – a role not easily attained by Social Workers – but through this course, my dream became a reality.”

Valerie Derwent

MASTER OF SOCIAL WORK (PROFESSIONAL QUALIFYING)

+estimated annual Commonwealth Supported Fee ^estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- 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 has a specialised focus on the needs of patients in regional, rural and remote communities in North Queensland and across Australia. A focus on building practical skills produces well-rounded graduates who are ready today for tomorrow.

93%*

Full-time graduate employment

*ComparED 2020, PG study area Health Services & Support

5 stars*

for student support

*Good Universities Guide 2021, PG study area Health Service & Support

360

hours of practical placements

Master of Clinical Exercise Physiology

Fees: \$6,800*

WHAT TO EXPECT

- Devise and deliver exercise programs for individual clients via an evidenced-based and holistic approach. Learn to assess and treat individuals with chronic conditions.
- Sharpen your professional skills with 360 hours of practical placements in a range of locations, including rural, remote and regional communities.
- Plan and execute a substantial piece of research addressing a complex theoretical or professional practice issue.
- Assess and apply your knowledge to a range of physical circumstances as you develop an expert understanding of the mechanisms of human movement.

CAREER OPPORTUNITIES

JCU Master of Clinical Exercise Physiology graduates are highly skilled and sought-after health professionals. Graduates are equipped with high-level skills and extensive knowledge to address a range of physical and chronic conditions. You could find employment in private and public hospitals, in multidisciplinary medical centres, fitness centres, aged-care facilities, workplace health and rehabilitation and private practice.



Currently Seeking Exercise and Sports Science Australia accreditation



“JCU’s Master of Clinical Exercise Physiology provides students with hands-on experience in contemporary clinical settings. Students get to work with expert practitioners who provide guidance and support to optimise academic success. JCU staff are friendly, approachable and want to support students in achieving career fulfilment.”

Lisa Simmons (Lecturer)

MASTER OF CLINICAL EXERCISE PHYSIOLOGY

Tourism

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

Work worldwide

Be equipped with global business skills and specialist training.

Next-level networking

Enhance your professional network through JCU's industry partnerships.

Top 50*

Universities in the world for Hospitality and Tourism Management

*ARWU subject rankings 2020

Master of International Tourism and Hospitality Management

Fees: \$27,320[†]

WHAT TO EXPECT

- Learn from expert lecturers who are leaders in their fields. With a focus on sustainability, innovation and effective leadership, you will learn how to make decisions using critical thinking and analyse high-level issues.
- Enhance your employability and advance your career in Australia and globally through the Masters Employability Program. Complete a structured co-curricular employability skills and development program, which runs for the duration of the degree.
- Your career path could lead you to work in hotels and other tourism venues, as well as government departments or private companies in Australia and overseas. You could find employment as a duty manager, sales and marketing consultant or human resources adviser.

CAREER OPPORTUNITIES

Advance your career and become a management-level professional with expert knowledge of business operations and administration. Your career path could lead you to work in hotels, resorts, convention centres and other hospitality and tourism venues, as well as government departments or private companies like airports, meetings, events and tour operators, in Australia and overseas. Graduates can find employment in roles such as general managers, sales and marketing directors, human resources managers, event managers, convention services managers, front office directors, directors of catering and managers of information technology.



“We are future proofing our students. They have professional opportunities in the workplace, where they gain practical experience and skills in leadership and risk management to prepare for the ever-changing industry. The Professional Employability Program ensures graduates are career ready.”

Dr Janice Scarinci

COORDINATOR, MASTER OF INTERNATIONAL TOURISM AND HOSPITALITY MANAGEMENT

[†]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements



“Through the Master of International Tourism and Hospitality Management I’ve learnt the ability to critically study the key structures, opportunities and challenges within the tourism industry and to develop strategies to positively influence the sector. This course will enable me to achieve senior management or executive roles within the Government or the private sector.”

Nikki Giumelli

MASTER OF INTERNATIONAL TOURISM AND HOSPITALITY MANAGEMENT

Veterinary and Animal Science

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

Kickstart your career

Graduate with the expert knowledge and skills to propel you into your dream career.

Access the best

Study with academics who are not only experts in their field, but passionate about their work.

Turn theory into practice

Be equipped for any challenge through hands-on and experiential learning.

Master of Animal Sciences

Fees: \$34,360[^]

WHAT TO EXPECT

- Learn the best methods for improving livestock production with the Master of Animal Science at JCU. Integrate established evidence and recent developments to graduate with a comprehensive understanding of the industry.
- Gain hands-on experience with JCU's onsite farm animals and at JCU's extensive beef property, Fletcherview Research Station. Learn how to use technology in beef production and gain insights in ways of assessing and optimising animal welfare in agricultural enterprises.
- JCU Animal Science graduates benefit from an immersive learning experience with a specific focus on livestock production. You could go on to work in animal agriculture in a range of positions within government departments, independent research organisations, CSIRO or consultancies.

You can specialise your Master of Animal Science degree by choosing from a range of study areas that include nutrition, pathology, epidemiology, microbiology and parasitology.

CAREER OPPORTUNITIES

JCU Animal Science graduates benefit from an immersive learning experience with a specific focus on livestock production. Graduates go on to work in animal agriculture in a range of positions. Employers include: Department of Agriculture and Water Resources, Queensland Government Department of Environment and Science, Department of Natural Resources, Mines and Energy, Department of Agriculture and Fisheries, CSIRO, Natural Resource Management Boards, Natural Resource Assessment Consultants and Agricultural Consultants.



Related qualifications:

- Graduate Diploma of Animal Sciences
- Graduate Certificate of Animal Sciences

Master of Tropical Veterinary Science

Fees: \$34,360[^]

WHAT TO EXPECT

- The Master of Tropical Veterinary Science is for veterinary science graduates who want to further their training in tropical veterinary health issues and reproduction. Enhance your practical skills and gain expert knowledge in both the theory and practices of veterinary science.
- Gain advanced and integrated knowledge and understanding of standard practice as well as recent developments in the area of tropical veterinary science and related competencies and frameworks.
- Tropical veterinary science has become an area of global importance as world trade continues to expand. Master the ability to apply your expertise to improve human health and quality of life through increased and safe food production.

Your Master of Tropical Veterinary Science course will include study areas such as animal production, pathology, epidemiology, microbiology and parasitology.

CAREER OPPORTUNITIES

Tropical Veterinary Science graduates have vital skills to address important issues in biosecurity, public health and infectious diseases. Graduates can pursue careers in regional and tropical areas, where their skills are in high demand. Graduates work as veterinarians in the areas of fisheries and livestock, regulatory and quarantine services, academia and as private consultants in disease detection, prevention and control.



Related qualifications:

- Graduate Diploma of Tropical Veterinary Science
- Graduate Certificate of Tropical Veterinary Science

[^]estimated annual Commonwealth Supported Fee [^]estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

LEGEND

- JCU Cairns
- JCU Townsville
- Study online
- JCU Singapore
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning (WIL)
- Field trips
- Clinical placements

Coursework degrees

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code	Fees (per year) ⁷	Page no.
MASTERS BY COURSEWORK							
Master of Animal Sciences	1.5	T	No	Completion of an AQF level 7 bachelor degree in Animal Science; or equivalent.	118704	\$34,360	52
Master of Business Administration Major: Conflict Management and Resolution	1.5	T	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or relevant professional experience.	116204	\$27,320	19
Master of Business Administration (Leadership)	2	T, O	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or relevant practical experience.	116604	\$27,320	20
Master of Business Administration Global	2 ⁴	O	Yes	Completion of an AQF level 7 bachelor degree in a cognate discipline or an AQF level 8 degree in any discipline plus two years business experience, or four years experience in a managerial role; or equivalent qualifications or practical experience.	300204	\$39,300	20
Master of Business Administration– Master of Conflict Management and Resolution	2	T, O	Yes	Completion of an AQF level 7 bachelor degree in a business or human services discipline; or equivalent qualifications or practical experience.	112004	\$27,320	19
Master of Clinical Exercise Physiology	1.5	T	No	Completion of an ESSA accredited AQF level 7 bachelor of sport and exercise science program or equivalent qualification from an overseas institution or hold current ESSA accreditation as an exercise scientist.	118804	\$6,800	49
Master of Conflict Management and Resolution	1.5	T, O	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications with relevant professional experience.	117304	\$27,320	22
Master of Data Science	2 ⁴	O	Yes	Completion of relevant AQF level 7 bachelor degree or five years or more relevant industry experience in IT or Data Science/Data Analytics; or equivalent qualifications with relevant practical experience. Note: algebra & elementary differential calculus and a background in computing, data analysis or programming is assumed.	300504	\$19,800	44
Master of Data Science (Professional)	3 ⁴	C, O	Yes	Completion of relevant AQF level 7 bachelor degree or five years or more relevant industry experience in IT or Data Science/Data Analytics; or equivalent qualifications with relevant practical experience. Note: algebra & elementary differential calculus and a background in computing, data analysis or programming is assumed.	300604	\$26,400	44
Master of Education Majors: Global Contexts, Leadership and Management	1.5	O	Yes	Completion of an AQF level 7 bachelor degree in a discipline other than education with a minimum of two years professional experience in education, or a bachelor degree in education; or equivalent qualifications. Note: this course does not lead to teacher registration.	113804	\$21,520	24
Master of Engineering (Professional) Majors: Electrical and Renewable Energy, Internet of Things and Data Engineering, Technology and Management, Water Resource Management	2	T, C ³	Yes	Completion of a four-year AQF level 7 Bachelor of Engineering in any discipline; or equivalent. Note: Water Resource Management; Internet of Things and Data Engineering; and Electrical and Renewable Energy majors require a four-year Bachelor of Engineering at AQF level 7 (or equivalent) in a discipline cognate to the major.	118304	\$28,960	44
Master of Global Development	2	C, O	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or practical experience.	118204	\$7,490 ⁸ (\$27,320)	26
Master of Governance and Leadership Majors: Conflict Management and Resolution; Economics; Leadership	1.5	T, O	Yes	Completion of an AQF 7 bachelor degree with four years relevant employment/work experience in management, governance or leadership roles; or equivalent qualifications or practical experience.	117704	\$27,320	22

Campus availability: T = Townsville; C = Cairns, S = Singapore, B = Brisbane

External mode degrees are primarily offered by flexible, online or distance delivery, but may require some attendance on campus

¹ Graduate Certificates are 12 credit point courses.

² Available as part-time study only

³ Not all majors available at all campuses

⁴ Course operates on a Carousel model of study with six intakes per year.

⁵ This course is under review, please contact JCU for further information

⁶ This is a 48 credit point course studied in 1.5 years.

⁷ estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

⁸ estimated annual Commonwealth Supported fee

Coursework degrees (continued)

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code	Fees (per year) ⁷	Page no.
Master of Guidance and Counselling	1.5	T, O	Yes	Completion of an AQF level 7 bachelor degree in education, psychology, social work, law, health or career development.	34704	\$21,520	24
Master of Health Professional Education	3 ²	O	Yes	Registration as a nurse, doctor or other health professional in Australia; or completion of an appropriate AQF level 7 bachelor degree in a relevant discipline with two years practical experience; or equivalent.	107004	\$25,240	27
Master of Information Technology Major: Computing	2	T	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or practical experience.	113504	\$27,320	29
Master of Information Technology– Master of Business Administration	2	T	Yes	Completion of an AQF level 7 bachelor degree in information technology.	112404	\$27,320	29
Master of International Tourism and Hospitality Management	2	C	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or relevant professional experience.	109104	\$27,320	50
Master of Medical Science Majors: Clinical Sciences, Future Leaders in Tropical Research, Medical Laboratory Science	2	T	Yes	Completion of an AQF level 7 Biomedical Science degree, Medical Laboratory Science degree, or AQF level 8 Graduate Diploma of Medical Science; or equivalent.	117204	\$28,960	18
Master of Nursing Majors: Advanced Practice , Education, Leadership and Management	2 ⁴	O	Yes	Completion of an AQF level 7 bachelor degree in nursing or equivalent qualification and Registered Nurse (Division 1) registration with the Australian Health Practitioner Regulation Agency (AHPRA).	300004	\$28,960	32
Master of Professional Accounting	2	T, O	Yes	Completion of an AQF level 7 bachelor degree in a non-accounting discipline; or equivalent qualifications or practical experience.	109504	\$27,320	23
Master of Professional Accounting– Master of Business Administration	2	T, O	Yes	Completion of an AQF level 7 bachelor degree in a business discipline other than accounting; or equivalent qualifications or relevant experience.	112104	\$28,960	23
Master of Psychology (Clinical)	2	T	No	Completion of an AQF level 8 bachelor honours degree accredited by the Australian Psychology Accreditation Council; and must hold provisional registration as a psychologist in Australia.	102304	\$6,684 ⁸ (\$31,880)	42
Master of Public Health	1.5	T, O	Yes	Completion of an AQF level 7 bachelor degree in a health discipline; or equivalent qualifications or practical experience.	72504	\$9,625 ⁸ (\$25,240)	35
Master of Public Health–Master of Business Administration	2	T, O	Yes	Completion of an AQF level 7 bachelor degree in a health discipline; or equivalent qualifications or practical experience.	109804	\$26,860	36
Master of Public Health and Tropical Medicine	1.5	T, O	Yes	Completion of an AQF level 7 bachelor degree in a related discipline; or equivalent qualifications with relevant professional experience.	74204	\$9,803 ⁸ (\$27,450)	35
Master of Rehabilitation Majors: General, Occupational Therapy, Physiotherapy, Speech Pathology	1.5	O	No	Completion of an AQF level 7 bachelor degree in a relevant health discipline (General major); or at least an AQF level 7 Bachelor of Physiotherapy, Occupational Therapy or Speech Pathology	114804	\$27,320	28
Master of Rural and Remote Medicine	1.5	O	Yes	Applicants must be registered health practitioners with the Australian Health Practitioner Regulation Agency (AHPRA) and be experienced rural health practitioners; or have completed, or be enrolled in, a training program in rural medicine or general practice certified by the Australian College of Rural and Remote Medicine or the Royal Australian College of General Practitioners; or be a current student of an Australian Medical Council (AMC) accredited medicine program.	74504	\$25,240	30
Master of Science (Professional) Majors: Aquaculture Science and Technology, Environmental Earth Science, Environmental Management, Fisheries Science and Management, Geology, Marine Biology, Tropical Biology and Conservation	2	T, C ³	Yes	Completion of an AQF level 7 bachelor degree in science with a minimum 5.0 GPA (65%); or equivalent.	115804	\$28,960	46

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code	Fees (per year) ⁷	Page no.
Master of Science Majors: Aquaculture Science and Technology, Environmental Earth Science, Environmental Management, Fisheries Science and Management, Geology, Marine Biology, Tropical Biology and Conservation	1.5	T, C ³	Yes	Completion of an AQF level 7 bachelor degree in science with a minimum 5.0 GPA (65%); or equivalent.	106904	\$28,960	46
Master of Social Science Majors: Asia-Pacific Governance and Development, Environment and Heritage, Indigenous Studies	1.5	T, C, O ³	No	Completion of an AQF level 7 bachelor degree in a social science discipline, with an overall 5.0 GPA, within the previous five years, or completion of an AQF level 8 qualification in any discipline, within the previous five years; or equivalent qualifications.	103404	\$6,684 ⁸ (\$21,520)	47
Master of Social Work (Professional Qualifying)	2	T, C	Yes	Completion of an AQF level 7 bachelor degree in a relevant discipline other than an Australian Association of Social Workers (AASW) recognised social work degree; or equivalent qualifications.	103804	\$28,960	48
Master of Teaching and Learning (Primary)	2	T, C, O	No	Completion of an AQF level 7 bachelor degree, or equivalent, which includes the equivalent of a full year of study in subjects that link to the national school curriculum (Australian Curriculum, Assessment and Reporting Authority (ACARA)) in English, technologies, mathematics, science, humanities and social sciences, the arts, health and physical education.	114004	\$21,520	25
Master of Teaching and Learning (Secondary)	2	T, C	No	Completion of an AQF Level 7 bachelor degree, or equivalent, which includes subjects in two teaching areas that link to the national school curriculum (Australian Curriculum, Assessment and Reporting Authority (ACARA)) and/or the Queensland Curriculum and Assessment Authority (QCAA).	114104	\$21,520	25
Master of Tropical Veterinary Science	1.5	T	No	Completion of an AQF Level 7 bachelor degree in Veterinary Science; or equivalent.	75204	\$34,360	52
GRADUATE DIPLOMAS							
Graduate Diploma of Accounting	1	T, O	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or practical experience.	23506	\$27,320	23
Graduate Diploma of Animal Sciences	1	T	No	Completion of an AQF level 7 bachelor degree in animal science; or equivalent qualification with relevant professional experience.	118706	\$34,360	52
Graduate Diploma of Business Administration Global	1.5 ⁴	O	Yes	Completion of an AQF level 7 bachelor degree in a cognate discipline and two years business experience, or four years experience in a managerial role; or equivalent qualifications or practical experience.	300206	\$27,320	20
Graduate Diploma of Data Science	1.5 ⁴	O	Yes	Completion of an AQF level 7 bachelor degree, or five years relevant industry experience in IT or Data Science/Data Analytics; or equivalent qualifications or practical experience. Note: Algebra & elementary differential calculus and a background in computing, data analysis or programming is assumed.	300106	\$28,960	44
Graduate Diploma of Engineering	1	T, C	Yes	Completion of a four-year AQF level 7 Bachelor of Engineering, or equivalent, in a discipline cognate to one of the streams.	118307	\$28,960	27
Graduate Diploma of Global Development	1	C, O	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or practical experience.	118206	\$27,320	26

Campus availability: T = Townsville; C = Cairns, S = Singapore, B = Brisbane

External mode degrees are primarily offered by flexible, online or distance delivery, but may require some attendance on campus

¹ Graduate Certificates are 12 credit point courses.

² Available as part-time study only

³ Not all majors available at all campuses

⁴ Course operates on a Carousel model of study with six intakes per year.

⁵ This course is under review, please contact JCU for further information

⁶ This is a 48 credit point course studied in 1.5 years.

⁷ estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

⁸ estimated annual Commonwealth Supported fee

Coursework degrees (continued)

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code	Fees (per year) ⁷	Page no.
Graduate Diploma of Health Professional Education	2 ²	O	Yes	Registration as a nurse, doctor of medicine or other health professional in Australia; or completion of an appropriate AQF level 7 bachelor degree in a relevant discipline, with two years relevant experience or equivalent.	107006	\$25,240	27
Graduate Diploma of Medical Science Majors: Clinical Sciences, Medical Laboratory Science	1	T	Yes	Completion of an AQF level 7 bachelor degree in Biomedical Sciences or cognate degree; or equivalent.	116107	\$11,155 ⁸ (\$28,960)	33
Graduate Diploma of Midwifery	1.5 ²	T	No	Registration as a nurse in Australia, and completion of an AQF level 7 bachelor degree in a health-related field, or equivalent, and have concurrent placement arranged for a minimum 0.4FTE in a midwifery unit.	73907	\$6,684 ⁸ (\$22,360)	32
Graduate Diploma of Nursing Majors: Education, Leadership and Management, Advanced Practice	1.5 ⁴	O	Yes	Completion of an AQF level 7 bachelor degree in nursing, or equivalent, and Registered Nurse (Division 1) registration with the Australian Health Practitioner Regulation Agency (AHPRA).	300006	\$28,960	32
Graduate Diploma of Orthodontics	2 ²	C	Yes	Completion of an AQF level 7 bachelor degree in dentistry more than two years prior to application.	116506	\$50,512	31
Graduate Diploma of Psychology	1	T	No	Completion of a bachelor degree that includes an Australian Psychology Accreditation Council approved three-year sequence in psychology within the past 10 years with a minimum credit average (65%) in all level 2 and 3 psychology subjects taken as part of that degree; or equivalent.	15707	\$6,684 ⁸ (\$31,880)	43
Graduate Diploma of Psychology (Bridging)	2 ⁴	O	Yes	Completion of an AQF Level 7 bachelor qualification in any field other than psychology	300306	\$6,684 ⁸ (\$31,880)	43
Graduate Diploma of Public Health and Tropical Medicine	1	T, O	Yes	Completion of an AQF level 7 bachelor degree in a health-related discipline; or equivalent.	73707	\$25,240	35
Graduate Diploma of Rehabilitation Majors: General, Occupational Therapy, Physiotherapy, Speech Pathology	1	O	No	Completion of an AQF level 7 bachelor degree in a relevant health discipline (General major); or completion of an AQF level 7 Bachelor of Physiotherapy, Occupational Therapy or Speech Pathology.	114807	\$27,320	28
Graduate Diploma of Research Methods							
1. Tropical Health and Medicine	1	T, C, O	Yes	Completion of an AQF level 7 bachelor degree in a relevant health, health science, medicine, medical science, or veterinary science discipline with a minimum GPA of 5 (credit average) in the final year; or equivalent qualifications	114206	\$10,218 ⁸ (\$29,000)	-
2. Tropical Environments and Societies				Completion of an AQF level 7 bachelor degree in a relevant discipline with a minimum GPA of 5 (credit average) in the final year; or equivalent qualifications	114106	\$8,104 ⁸ (\$28,960)	-
Graduate Diploma of Rural Generalist Practice	1	O	Yes	Completion of an AQF level 7 bachelor degree in a relevant health discipline more than two years prior to admission.	117506	\$25,240	34
Graduate Diploma of Rural and Remote Medicine	1	T, O	Yes	Applicants must be registered health practitioners with the Australian Health Practitioner Regulation Agency (AHPRA) and be experienced rural health practitioners; or have completed, or be enrolled in, a training program in rural medicine or general practice certified by the Australian College of Rural and Remote Medicine or the Royal Australian College of General Practitioners; or be a current student of an Australian Medical Council (AMC) accredited medicine program.	74507	\$25,240	30
Graduate Diploma of Science	1	T, C ³	Yes	Completion of an AQF level 7 bachelor degree in science; or equivalent.	105006	\$9,527 ⁸ (\$28,960)	41
Graduate Diploma of Social Science	1	T, C	No	Completion of an AQF level 7 bachelor degree; or equivalent.	103406	\$21,520	47

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code	Fees (per year) ⁷	Page no.
Graduate Diploma of Surgical Anatomy	1	O	Yes	Completion of an AQF level 7 bachelor degree in a health-related field, Australian Health Practitioner Regulation Agency (AHPRA) registration and maintenance of AHPRA registration for the duration of the course; or be a current final-year student of a JCU MBBS program with a minimum 5.0 GPA.	113906	\$28,960	31
Graduate Diploma of Tropical Medicine and Hygiene	1	T, O	Yes	Completion of an AQF level 7 bachelor degree in a relevant health discipline; or equivalent.	73807	\$29,100	36
Graduate Diploma of Tropical Veterinary Science	1	T	No	Completion of an AQF level 7 bachelor degree in Veterinary Science; or equivalent.	75207	\$34,360	52

GRADUATE CERTIFICATES¹

Graduate Certificate of Accounting	0.5	T, O	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications with relevant professional experience.	23511	\$13,660	23
Graduate Certificate of Animal Sciences	0.5	T	No	Completion of an AQF level 7 bachelor degree in animal science; or equivalent.	18711	\$17,180	52
Graduate Certificate of Aeromedical Retrieval	1 ²	O	Yes	Completion of an AQF level 7 bachelor degree in a relevant health discipline and two years postgraduate experience; or equivalent.	76511	\$16,120	38
Graduate Certificate of Business Administration	0.5	T	Yes	Completion of an AQF level 7 bachelor degree, or a minimum of five years business experience; or equivalent qualifications or practical experience.	109011	\$13,660	19
Graduate Certificate of Business Administration Global	1 ⁴	O	Yes	Completion of an AQF level 7 bachelor degree in a cognate discipline and two years business experience, or four years experience in a managerial role; or equivalent qualifications or practical experience.	300211	19,650	20
Graduate Certificate of Career Development	1 ²	O	No	Completion of an AQF level 7 bachelor degree; or equivalent.	106011	\$6,684 ⁸ (\$10,760)	-
Graduate Certificate of Communicable Disease Control	0.5	O	Yes	Completion of an AQF level 7 bachelor degree in health-related discipline; or a minimum 5 years' experience in a health profession	119011	\$4,964	38
Graduate Certificate of Conflict Management and Resolution	1 ²	O	Yes	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or practical experience.	23411	\$13,660	22
Graduate Certificate of Data Science	1 ⁴	C, O	Yes	Completion of an AQF level 7 bachelor degree, or five years relevant industry experience in IT or DataScience/Data Analytics, or equivalent qualifications or practical experience. Note: algebra & elementary differential calculus and a background in computing, data analysis or programming is assumed.	300111	\$9,900	44
Graduate Certificate of Diabetes Education	1 ²	O	No	Completion of an AQF Level 7 bachelor degree, or equivalent, in clinical-based health, allied health or relevant field, plus one year relevant practical experience.	113011	\$11,523	33
Graduate Certificate of Diabetes Studies	1 ²	O	No	Completion of an AQF level 7 bachelor in a relevant health degree or equivalent, plus one year relevant practical experience; or at least 5 years' experience in a health profession	113111	\$11,523	33
Graduate Certificate of Disaster Health and Humanitarian Assistance	1 ²	O	Yes	Completion of an AQF level 7 bachelor degree in a relevant health discipline; or equivalent.	76811	\$11,523	40
Graduate Certificate of Engineering	1 ²	T, C	Yes	Completion of a four-year AQF level 7 Bachelor of Engineering degree in any discipline; or equivalent.	118311	\$14,480	27
Graduate Certificate of Global Development	0.5	C, O	Yes (July intake part-time only)	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or practical experience.	118211	\$13,660	26

Campus availability: T = Townsville; C = Cairns, S = Singapore, B = Brisbane

External mode degrees are primarily offered by flexible, online or distance delivery, but may require some attendance on campus

¹ Graduate Certificates are 12 credit point courses.

² Available as part-time study only

³ Not all majors available at all campuses

⁴ Course operates on a Carousel model of study with six intakes per year.

⁵ This course is under review, please contact JCU for further information

⁶ This is a 48 credit point course studied in 1.5 years.

⁷ estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

⁸ estimated annual Commonwealth Supported fee

Coursework degrees (continued)

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code	Fees (per year) ⁷	Page no.
Graduate Certificate of Health Professional Education	1 ²	O	Yes	Registration as a nurse, doctor of medicine or other health professional in Australia; or completion of an appropriate AQF level 7 bachelor degree in a relevant discipline, with 2 years relevant experience.	107011	\$12,620	27
Graduate Certificate of Infection Control	0.5	O	Yes	Completion of an AQF level 7 bachelor degree in a medical, nursing or other relevant health-related field ; or at least five years' experience in a health profession.	76711	\$12,620	40
Graduate Certificate of Information Technology	0.5	T, O	No	Completion of an AQF level 7 bachelor degree; or equivalent qualifications or practical experience.	50311	\$13,660	29
Graduate Certificate of Nursing Majors: Advanced Practice, Education, Leadership and Management.	1 ^{2,4}	O	Yes	Completion of an AQF level 7 bachelor degree in nursing or equivalent qualification and Registered Nurse (Division 1) registration with the Australian Health Practitioner Regulation Agency (AHPRA).	300011	\$14,480	32
Graduate Certificate of Public Health	1 ²	O	Yes	Completion of an AQF level 7 bachelor degree in a relevant health discipline; or equivalent.	101811	\$12,620	35
Graduate Certificate of Psychology	1 ^{2,4}	O	Yes	Completion of an AQF level 7 bachelor qualification in any field other than Psychology	300311	\$15,940	43
Graduate Certificate of Rehabilitation Majors: General, Occupational Therapy, Physiotherapy, Speech Pathology	0.5	O	Yes	Completion of an AQF level 7 bachelor degree in a health-related discipline (general major); or completion of an AQF level 7 Bachelor of Physiotherapy, Occupational Therapy or Speech Pathology.	114811	\$13,660	28
Graduate Certificate of Research Methods							
1. Tropical Health and Medicine"	0.5	T, C, O	Yes	Completion of a 4-year AQF level 7 bachelor degree or an AQF level 8 qualification in a relevant health, health science, medicine, medical science, or veterinary science discipline with a minimum grade point average of 5.0 (credit average) in the final year, and a grade of credit (65%) or better in a minimum of one research methods or analysis subject	114711	\$5,578 ⁸ (\$14,500)	-
2. Tropical Environments and Societies				Completion of an AQF level 8 qualification in a relevant discipline with a minimum GPA of 5 (credit average) in the final year and a credit (65%) in one advanced research methods subject; or equivalent.	114611	\$4,764 ⁸ (\$14,480)	-
Graduate Certificate of Science	0.5	T, C ²	Yes	Completion of an AQF level 7 bachelor degree in science; or equivalent qualifications with relevant professional experience.	53911	\$14,500	41
Graduate Certificate of Travel Medicine	1 ²	O ²	Yes	Completion of an AQF level 7 bachelor degree in a relevant health discipline; or equivalent qualifications with relevant professional experience.	73511	\$15,725	40
Graduate Certificate of Tropical Veterinary Science	0.5	T	No	Completion of an AQF level 7 bachelor degree in veterinary science; or equivalent,	75211	\$17,180	52

Campus availability: T = Townsville; C = Cairns, S = Singapore, B = Brisbane

External mode degrees are primarily offered by flexible, online or distance delivery, but may require some attendance on campus

¹ Graduate Certificates are 12 credit point courses.

² Available as part-time study only

³ Not all majors available at all campuses

⁴ Course operates on a Carousel model of study with six intakes per year.

⁵ This course is under review, please contact JCU for further information

⁶ This is a 48 credit point course studied in 1.5 years.

⁷ estimated annual tuition fee plus Student Services and Amenities Fee. Fee deferral and scholarships available if eligible.

⁸ estimated annual Commonwealth Supported fee

Research degrees

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code
PROFESSIONAL DOCTORATES					
Doctor of Education	4	T, C, O	Yes	Completion of an AQF level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	111102
Doctor of Health Professional Education	4	T, O	Yes	Registration as a nurse, doctor or other health professional or completion of an appropriate AQF level 7 bachelor degree in a relevant discipline with two years practical experience; or equivalent.	111802
Doctor of Tropical Environmental Management	4	T, C	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	111702
DOCTOR OF PHILOSOPHY					
Doctor of Philosophy (Agriculture, Environmental and Related Studies)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110502
Doctor of Philosophy (Architecture and Building)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110402
Doctor of Philosophy (Creative Arts)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	111002
Doctor of Philosophy (Education)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110702
Doctor of Philosophy (Engineering and Related Technologies)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110302
Doctor of Philosophy (Health)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110602

Campus availability: T = Townsville; C = Cairns; O = Online

External mode degrees are primarily offered by flexible, online or distance delivery, but may require some attendance on campus (not eligible if applying for a student visa).

² Available as part-time study only

³ Not all majors available at all campuses

⁴ This course is under review, please contact JCU for further information

Research degrees (continued)

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code
Doctor of Philosophy (Information Technology)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110202
Doctor of Philosophy (Management and Commerce)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110802
Doctor of Philosophy (Medical and Molecular Sciences)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	111602
Doctor of Philosophy (Natural and Physical Sciences)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110102
Doctor of Philosophy (Society and Culture)	4	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110902

MASTERS BY RESEARCH

Master of Laws	2	T, C,	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	64003
Master of Philosophy (Agriculture, Environmental and Related Studies)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110503
Master of Philosophy (Architecture and Building)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110403
Master of Philosophy (Creative Arts)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	111003
Master of Philosophy (Education)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110703

Course	Duration (years)	Campus/ Mode	Mid-Year Start (July)	Minimum prerequisites and additional documentation	Course Code
Master of Philosophy (Engineering and Related Technologies)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110303
Master of Philosophy (Health)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110603
Master of Philosophy (Indigenous)	2	T, C	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	111103
Master of Philosophy (Information Technology)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110203
Master of Philosophy (Management and Commerce)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110803
Master of Philosophy (Medical and Molecular Sciences)	2	T, C	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	111603
Master of Philosophy (Natural and Physical Sciences)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110103
Master of Philosophy (Society and Culture)	2	T, C, O	Yes	Completion of an AFQ level 8 bachelor honours degree with research component (or equivalent), a Preliminary Project Proposal, and Statement of Research Training, Experience, Skills and Attributes forms (refer to jcu.edu.au/grs).	110903

Campus availability: T = Townsville; C = Cairns; O = Online

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² Available as part-time study only

³ Not all majors available at all campuses

⁴ This course is under review, please contact JCU for further information

Application and fees information for postgraduate coursework programs

Postgraduate study is one of the best investments you will ever make

How to apply

Call 1800 246 446 or apply by following the links at jcu.edu.au/applying-to-jcu

Tuition fees

Postgraduate study is an investment in your future and provides enhanced career opportunities.

Coursework students either pay tuition fees or a student contribution amount.

Australian citizens or permanent humanitarian visa holders can pay all or part of their fees upfront or defer payment.

jcu.edu.au/domestic-postgraduate-fees

Scholarships, bursaries and grants

All students are encouraged to apply for scholarships, bursaries and grants. We offer internal JCU scholarships and grants, plus many external scholarships made available by Government departments, business and industry groups.

jcu.edu.au/scholarships

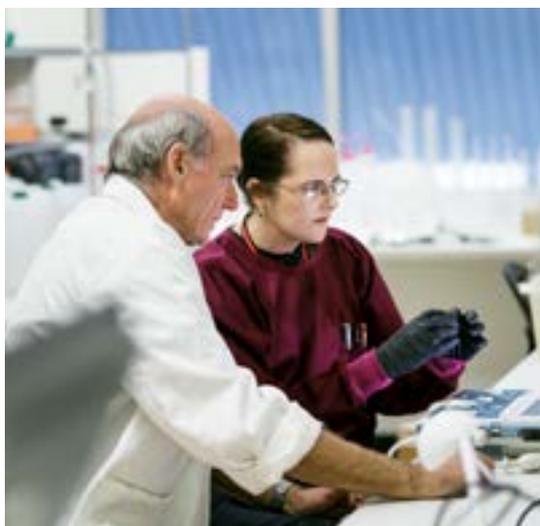
Student loans and financial assistance

There are also two main loan systems to help students with tuition fees:

- Commonwealth Supported places (see below) and the associated loan (HECS-HELP)
- Domestic fee-paying places and the associated loan (FEE-HELP).

Youth Allowance, Austudy and ABSTUDY assistance may also be available to eligible students undertaking Masters by coursework study in approved courses.

jcu.edu.au/feessupport



Commonwealth Supported courses

JCU is one of the Australian universities that has been selected to offer Commonwealth Supported places at postgraduate level. This means that the tuition fees in the courses that have Commonwealth Supported places are subsidised by the Australian Government, so your upfront fees (which you can choose to defer through HECS-HELP) will be less.

JCU COMMONWEALTH SUPPORTED COURSES

- Graduate Certificate of Career Development
- Graduate Certificate of Public Health
- Graduate Certificate of Research Methods (Tropical Environments and Societies)
- Graduate Certificate of Research Methods (Tropical Health and Medicine)
- Graduate Diploma of Clinical Psychology
- Graduate Diploma of Education (Secondary)
- Graduate Diploma of Midwifery
- Graduate Diploma of Psychology
- Graduate Diploma of Public Health and Tropical Medicine
- Graduate Diploma of Research Methods (Tropical Environments and Societies)
- Graduate Diploma of Research Methods (Tropical Health and Medicine)
- Graduate Diploma of Medical Science
- Graduate Diploma of Science
- Graduate Diploma of Tropical Medicine and Hygiene
- Master of Development Practice
- Master of Global Development
- Master of Guidance and Counselling
- Master of Midwifery
- Master of Nursing
- Master of Nursing (Nurse Practitioner)
- Master of Pharmaceutical Public Health
- Master of Psychology (Clinical)
- Master of Public Health
- Master of Public Health and Tropical Medicine
- Master of Science
- Master of Science (Professional)
- Master of Social Science
- Master of Social Work (Professional Qualifying)
- Master of Teaching and Learning (Primary)
- Master of Teaching and Learning (Secondary)
- Master of Tropical Urban and Regional Planning
- Master of Planning Urban Design.



Application and fees information for higher degrees by research

Graduate Research School

JCU's Graduate Research School (GRS) oversees all aspects of research degree candidature from application through to graduation, including assistance with scholarship programs.

jcu.edu.au/grs

TO APPLY FOR A HIGHER DEGREE BY RESEARCH (HDR) AT JCU:

1. Identify a topic or area of interest
2. Visit Find an Advisor:

jcu.me/find-an-advisor

to determine if JCU has the required expertise, and identify a potential Primary Advisor (supervisor) in your area of interest

3. Contact your potential Advisor by lodging an Expression of Interest
4. Work with your Advisor to develop and submit an online application
5. You can submit an application at any time of year.

For further information, including how to find potential Advisors, to submit an Expression of Interest, and a step-by-step guide to the application process, please visit:

jcu.edu.au/grs/prospective

Fees and financial assistance

Australian citizens and permanent residents are Commonwealth supported under the Federal Government's Research Training Scheme (RTS). Eligible candidates may receive tuition fee exemption, a stipend and allowances for the normal duration of an accredited research course under the scheme.

All HDR candidates are required to pay the students services and amenities fee.

Scholarships

JCU offers many competitive scholarships for higher degree by research candidates, including: the Research Training Program scholarships, JCU Postgraduate Research scholarships and the AIMS@JCU scholarships.

Each of these scholarships provides a stipend to assist with living costs and may include an exemption from tuition fees. For more information, including how scholarship applications are evaluated and the application procedure, visit:

jcu.edu.au/grs/scholarships

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

- DAINTREE NATIONAL PARK | Daintree Rainforest Observatory
- BARRON GORGE NATIONAL PARK
- UNDARA NATIONAL PARK
- GIRRINGUN NATIONAL PARK
- PALUMA RANGE NATIONAL PARK
- ORPHEUS ISLAND RESEARCH STATION

- 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

- FLETCHERVIEW RESEARCH STATION



BRISBANE

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 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:

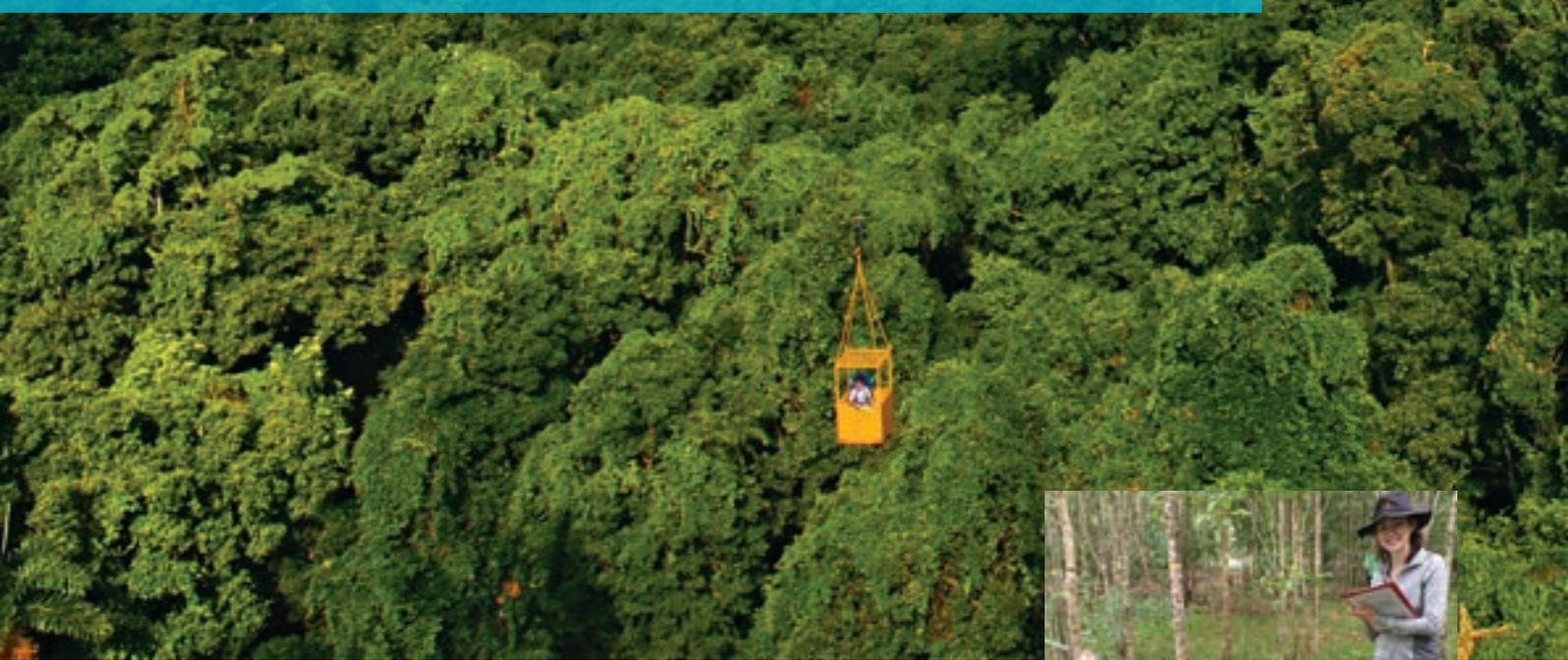
- Strengthen Australia's health security
- Improve health outcomes in rural, remote, Indigenous, and tropical Australia
- Improve occupational health in key industries such as mining and agriculture.

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.

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.

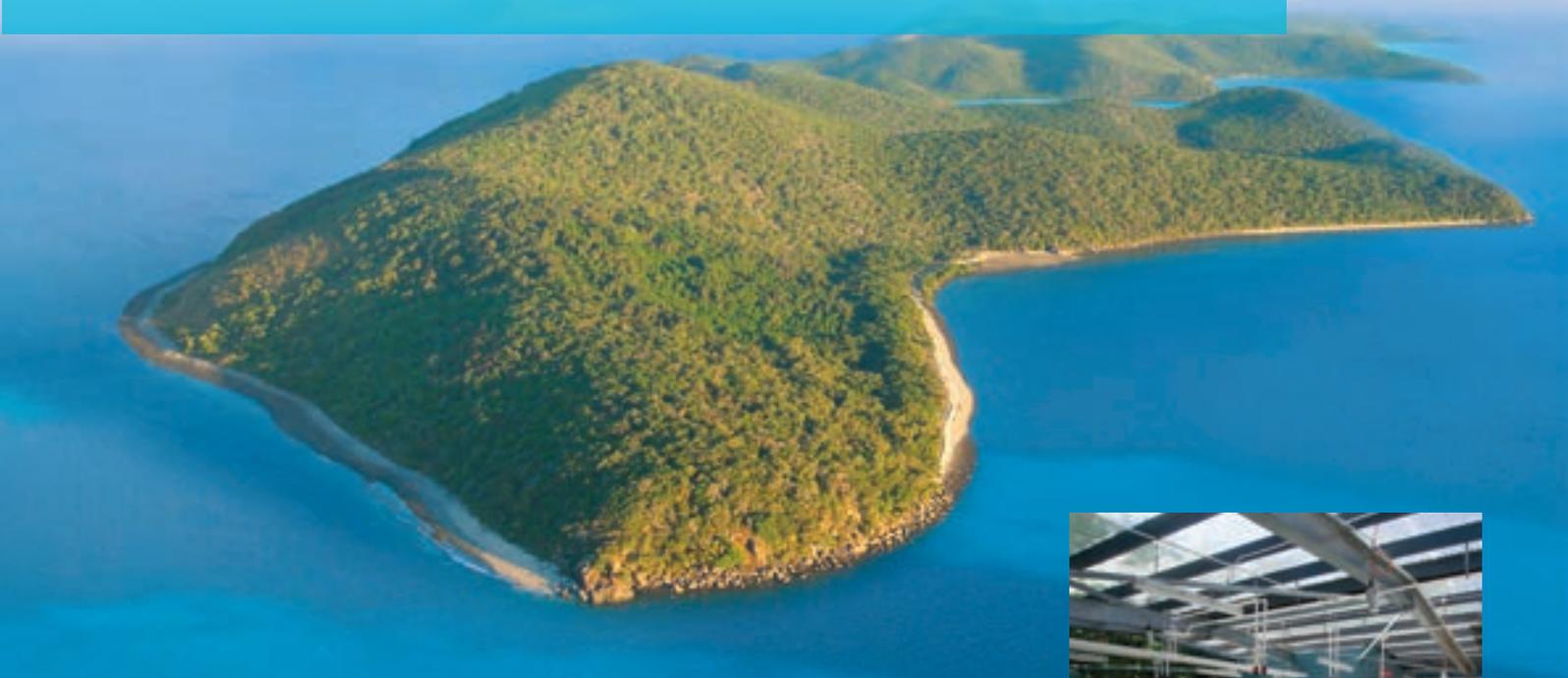
Currently, the JCU DRO is supporting the development of a project seeking to understand the impacts of decreased rainfall on rainforests in the seasonal tropics, where climate change predictions suggest that dry season severity will increase. This aids the understanding of changing climates on rainforest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



jcu.edu.au/dro

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 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.

jcu.edu.au/marf



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.



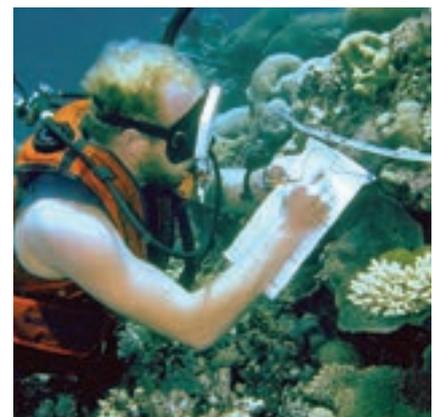
AIMS@JCU

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.

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 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.



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.





Photo - Mark Ziembicki

State of the Tropics

The future belongs to the Tropics. More than 3 billion people – almost half of the world’s population – live between the Tropic of Capricorn and the Tropic of Cancer. Concerningly, 85 per cent of the world’s poorest people live in the Tropics.

Since the inaugural State of the Tropics report was published in 2014, the world has continued to rapidly change and grow. Overall, more people have escaped extreme poverty, are healthier and are living longer than before. The environmental, social and economic impacts of climate change have been more globally recognised, with greater efforts to minimise emissions.

The research and development capacity in the Tropics is not proportionate to the challenges ahead. The State of the Tropics projects demonstrate that tackling the complex issues and unique challenges facing the Tropics will need talented and innovative people who live and work in the Tropics.

JCU postgraduate students have a unique opportunity to work towards a brighter future for the Tropics and thus a brighter future for the world. Convened by JCU, the State of the Tropics project brings together key institutions from across the globe to assess and report on the critical questions facing this important region.

The State of the Tropics report is the first in-depth, objective assessment of the Tropics as an environmental and geopolitical entity in its own right. The project shines a light on the societies and issues of the tropical world, revealing a new global dynamic and contributing to efforts to improve the lives of the people and environments of the Tropics. The International Day of the Tropics is celebrated on 29 June each year, marking the anniversary of the launch of the inaugural State of the Tropics report in 2014.

The 2020 State of the Tropics report was officially launched online on 30 June. It featured findings based on two key systems essential to assess progress and sustainability: the Earth System and the Human System. The 2020 State of the Tropics report endeavours to answer the question: Is life in the Tropics still getting better?

Visit: stateofthetropics.org

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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.

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