Why JCU?

Your world-class education begins here.

Explore, discover, grow through research and teaching that makes a difference to people and societies, the natural world and built environment.

NO. 1
IN AUSTRALIA
FOR EMPLOYER
SATISFACTION¹

TOP 2%
JCU GLOBAL RANK²

FIVE STARS FOR
GRADUATE
JOB SUCCESS³

TOP 50
OF MODERN
UNIVERSITIES⁴

21,972
STUDENTS

JCU ORPHEUS ISLAND
RESEARCH STATION

4,698
EMPLOYEES

403
DEGREES & DIPLOMAS

FIVE STARS FOR
FULL-TIME EMPLOYMENT⁵

RESEARCH
CONNECTIONS TO
124
COUNTRIES

TOTAL RESEARCH INCOME:
$47.4
MILLION

26
JCU SPECIALISED
RESEARCH CENTRES
& INSTITUTES

¹ QILT Employer Satisfaction Survey National Report. ² Academic Ranking of World Universities (ARWU). ³ 2018 The Good Universities Guide. ⁴ Times Higher Education (THE) World University Rankings 50 under 50 2016. ⁵ This is higher than the national average of 69.5 % and higher than Qld metropolitan universities – UQ 72.8 %, QUT 71.1% and Griffith 63.9% (Good Universities Guide).
ON-CAMPUS ACCOMMODATION FOR OVER 1,600 STUDENTS

JCU DAINTREE RAINFOREST OBSERVATORY

STUDENTS FROM 108 COUNTRIES

‘WORLD CLASS OR BETTER’ IN 35 AREAS OF RESEARCH

AUSTRALIA’S FIRST INTERNET OF THINGS RESEARCH LAB

117 INDUSTRY RESEARCH CONTRACTS

WORLD-CLASS FACILITIES

FIVE STARS FOR STUDENT SUPPORT

FIVE STARS FOR SKILLS DEVELOPMENT

14 DISTINGUISHED PROFESSORSHIPS

91 PUBLIC SECTOR RESEARCH CONTRACTS

$1.9 Bn IN FUTURE INVESTMENT

$1.75 Bn JCU’S CONTRIBUTION TO HUMAN CAPITAL

$1.3 Bn ASSETS

JCU FLETCHERVIEW RESEARCH STATION

$0.8 Bn JCU’S ECONOMIC IMPACT

---

6 Excellence in Research for Australia (ERA) 2015. CWUR 2017 Rankings: Ranked number 2 in the world for biodiversity conservation. Ranked number 1 in the world for marine and freshwater biology.

7 2017 JCU Economic Impact and Human Capital Report. CRICOS Provider Code 00117J
Welcome

Welcome to James Cook University (JCU). Studying with us guarantees you a world-class education, and opens your eyes to a world of diversity and opportunity.

During your time at JCU you will discover new ideas, issues, people and possibilities. You’ll become part of a friendly community in a truly supportive and encouraging study environment. You will leave with the expertise and intellectual curiosity to make a difference in your chosen profession and community.

Our students are the heart of JCU. As you explore this guide, you will learn more about the courses we offer, and discover information about the wonderful support services, facilities and career development opportunities we provide to help you during your time at JCU.

I understand it can be a big step to study in another country. Talking to our staff and students about the learning community we’re so proud to share will help you feel more at home here, as you begin your journey with us.

Professor Sandra Harding
Vice-Chancellor and President

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.

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

Getting to JCU

Routes are based on available flight paths and may represent the most direct route of travel. For information visit cairnsairport.com.au or townsvilleairport.com.au

The flight routes on this map are a selection of what is available and indicative only. Please search appropriate airport websites for more information.
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Flight times indicate the approximate time taken to fly between cities, but may vary due to weather conditions and stop overs. Please search airline websites for more specific information.
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 foods 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 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 20 minutes 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

**On-campus social events and activities**: International students meet with other students from around the world and Australia, and local Australian students. Many of these activities are free
JCU Cairns

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

Over 4,000 students study at JCU Cairns, including approximately 380 international students. The campus location is spectacular – surrounded on three sides by rainforest-covered mountains and close to the northern beaches. It is 15 kilometres (9 miles) north of the city centre in the suburb of Smithfield.

JCU Cairns houses state-of-the-art teaching and research facilities and health science laboratories, an information technology building, impressive library, student refectory, licensed bar, gym and outdoor sporting facilities.

Located in the city centre, the Cairns City Campus offers a range of flexible study, teaching and meeting areas, with high-speed internet and North Queensland’s first ‘moot court’ with e-court facilities providing practical training for law students. Access to video conferencing and catering facilities in the boardroom means staff and students can meet and network with businesses and the local community.

With over two million visitors annually, Cairns is one of the most popular tourist destinations in Australia, and its proximity to World Heritage natural environments provides you with unrivalled research locations and opportunities for field trips.

Cairns City Campus is located in the heart of the city.
Our locations
Discover our tropical campuses

Townsville

Townsville is a thriving coastal city port and Australia’s largest tropical city. Magnetic Island and the Great Barrier Reef are on its doorstep, and 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 you’ll have plenty of 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 to students for practising their faith

Medical: On-campus 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 20 minutes’ 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

On-campus social events and activities: International students meet with other students from around the world and Australia, and local Australian students. Many of these activities are free
Over 13,000 students study at JCU Townsville, including approximately 1,500 international students. The campus is located in a 386-hectare natural bush and parkland setting which is home to native wildlife. It is 13 kilometres (8 miles) from the city centre in the suburb of Douglas.

JCU Townsville Campus houses teaching and research facilities, the main JCU library, cafés, bars, fitness and sporting facilities, and many student clubs and societies. Around 1,400 students live on campus in colleges and halls of residence, which give the campus a real community atmosphere.

The innovative three-storey Townsville City Campus, located in the heart of the city, delivers a range of facilities and services for the University, businesses and community organisations. State-of-the-art teaching and research facilities are on offer at JCU Townsville, including the beautiful Orpheus Island Research Station which hosts scientists from around the world.

Townsville City Campus is located in the heart of Flinders Street in the city.
JCU Singapore

Singapore's unique characteristics and highly accessible infrastructure make the city one of the best places to live and study in Asia. As a JCU student in Singapore, you will experience the rich multiculturalism that exists on campus, as well as a first-class educational experience in one of the most vibrant cities in the world.

Climate: Dry season (March–August) 25°–32°C/77°–90°F
Wet season (September–February) 24°–32°C/75°–90°F

Food: Easy access to an abundance of fresh local foods. International cuisines from around the world can be found in Singapore. There are also plenty of vegetarian, vegan and halal options available.

Population: 5.4m

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 male/female prayer room is available on-campus for student use.

Medical: The JCU Singapore Psychology Clinic, a sick bay and 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.

On-campus sport: Basketball courts and a gymnasium are available for student use.

Singapore Campus courses and fees

<table>
<thead>
<tr>
<th>Course</th>
<th>Total tuition fees</th>
<th>Fast-track duration in years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts (Majoring in Psychology Studies)</td>
<td>S$56,496</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Business [all Majors]</td>
<td>S$53,928</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Business and Environmental Science</td>
<td>S$58,636</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Business and Environmental Science (Majoring in Aquaculture)</td>
<td>S$58,636</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Education (Early Childhood Education)</td>
<td>S$58,208</td>
<td>3</td>
</tr>
<tr>
<td>Bachelor of Information Technology</td>
<td>S$53,928</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Psychological Science</td>
<td>S$56,496</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Psychological Science (Honours) – 4th year</td>
<td>S$25,252</td>
<td>1</td>
</tr>
</tbody>
</table>

* Duration of full program, assuming students have not been granted credit exemption
# Tuition fees are for international students in 2018 and are in Singapore Dollars including prevailing 7% Goods and Services Tax (GST)
Brisbane is the capital of Queensland. The city is safe and friendly with an attractive riverfront area, cultural and entertainment options, and access to modern shopping centres.

With a modern campus in the centre of Brisbane city, JCU Brisbane offers study spaces, computer stations, high-speed internet and WiFi, leisure and activity rooms. Job-support services and clear English language and academic pathways are available, and students can complete their studies more quickly due to a three trimesters academic calendar. JCU Brisbane is operated by Russo Higher Education.

**Climate:** Summer (December–February) 21°–30°C/69°–85°F
Warm with rainy periods
Winter (June–August) 11–21°C/51.6°–69.8°F
Dry and mild

**Food:** Located on Queen Street’s main shopping mall, there is easy access to many food halls, cafés and restaurants

**Population:** 2.2m

**Transport:** Bus services are available from Queen Street Central Train Station is a 7-minute walk and it’s 1 km to the riverfront

**Places of worship:** A prayer room is available on-campus for student use

**Medical:** There are hospitals, medical clinics, psychology clinics and more off-campus

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**Brisbane Campus courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Standard duration (in trimesters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Business Majors: Accounting(^\ast), Hospitality and Tourism Management, International Business, Management</td>
<td>8</td>
</tr>
</tbody>
</table>

\(^\ast\) Available as single Major only

Tuition fees can be found in the courses and fees table on page 24. Annual tuition fees are based on 24 credit points per year. See JCU's Tuition Fee Policy for international students for the most up-to-date information on fee increases. The Policy can be found at [https://www.jcu.edu.au/policy/procedures/student-services-procedures/international-tuition-fee-payment-and-refundprocedure2](https://www.jcu.edu.au/policy/procedures/student-services-procedures/international-tuition-fee-payment-and-refundprocedure2)

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The Goodwill Bridge, a pedestrian and cycle bridge that spans the Brisbane River, connects the South Bank Parklands to the city centre.
Facilities and support at JCU
You’ll feel supported from day one

**International student support team**
JCU’s dedicated international student-support team are ready to help you from day one. They are a friendly group who serve as your first point of contact for any questions or issues you may have. They’ll also provide you with pre-departure information as you prepare for your study in Australia.

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**Getting settled in**
Make sure you have booked JCU’s free arrival reception service, so that we are waiting for you when you arrive. You can also get help finding short-term accommodation so you can take your time finding a place to call home. To receive the information you need regarding living in North Queensland and studying at JCU, you must attend the International Student Orientation.

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You can relax and meet other students in JCU’s modern facilities.

On campus there are many opportunities to play sport and make new friends.
Socialising on campus

University shouldn’t be just about studying, so at JCU there’s always something to do on campus and in the community. During semester there are regular social events held on campus for international students, such as ‘Free Lunch Fridays’, as well as events hosted by the Student Association. You can also join a range of special interest clubs and societies on campus.

“I can’t believe that I’m able to stay in the Mac labs after hours — it’s very different to what I’m used to. Back home, in Venezuela, I never would have done that — I feel much safer staying back late to study at the Townsville campus.”

Stefi Klein Miloslavich
Venezuela
Bachelor of New Media Arts
Academic and professional support at JCU

JCU provides you with the support you need to succeed

**Mentoring**

JCU is proud of the great work our student mentors do. The program matches undergraduate students with a student mentor from second or third year during Orientation. Mentors study the same, or a similar course to you, and can therefore answer any questions you may have about your studies or settling into university life.

**Learning skills**

Our Learning Advisers can provide you with study and academic skills to help you adjust to university. Language and learning services are also available to international students, including workshops to help you with academic reading, writing, speaking, presentations, referencing, English grammar and note taking. Online skills resources are also available.
Health and wellbeing

JCU understands that your health and wellbeing can impact your studies. We understand the challenges facing you as an international student, and we are here to help. Free, confidential counselling is one of the many services available to you. In addition, AccessAbility support services are available for students who identify as having a temporary or permanent disability, injury, illness or health condition that is impacting their studies. For more information, visit jcu.edu.au/accessability-services

For more information on international student support services, visit jcu.edu.au/international-students/student-services
Pathways to your degree at JCU

Whatever your level of English or your skill set, JCU has a number of pathways and study options that can help you achieve the degree you want. A JCU staff member can help you find the program that meets your needs.

Details of pathways and study options
At JCU we can offer you programs that will help in developing your skills to meet the entry requirements of your preferred course. Depending on your English skill level and current academic qualifications, the information below will help you find the program that is right for you.

Phone: +61 7 4781 4280
Email: studyenglish@jcu.edu.au or internationaladmissions@jcu.edu.au
What English program should I do?

To succeed in your degree, you need certain English skill levels in writing, reading, speaking and listening. To find out if you meet the English language entry requirements, go to page 73.

Many students who meet the academic entry requirements for entry into a JCU degree, but not the English language entry requirements, receive a ‘packaged offer’ consisting of a period of academic English language studies, plus an offer to study for a Bachelor degree*.

* Some courses, such as the Bachelor of Medicine/Bachelor of Surgery, the Bachelor of Nursing Science, and the Bachelor of Dental Surgery, will require an IELTS test after completion of the EAP program and prior to an offer being made into that course.

<table>
<thead>
<tr>
<th>Enter with*</th>
<th>Course</th>
<th>Exit with the equivalent of</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS 5.0</td>
<td>or equivalent English test</td>
<td>IELTS 5.5</td>
<td>10 week block</td>
</tr>
<tr>
<td>IELTS 5.5</td>
<td>or equivalent English test</td>
<td>IELTS 6.0</td>
<td>10 week block</td>
</tr>
<tr>
<td>IELTS 6.0</td>
<td>or equivalent English test</td>
<td>IELTS 6.5</td>
<td>10 week block</td>
</tr>
<tr>
<td>IELTS 6.5</td>
<td>or equivalent English test</td>
<td>IELTS 7.0</td>
<td>10 week block</td>
</tr>
</tbody>
</table>

English for Academic Purpose CRICOS course code 089159G
Pathway options

English language pathways

Diploma of Higher Education
The Diploma of Higher Education is a one-year introductory course. It combines introductory and first-year degree subjects, primarily to help students who do not qualify for direct entry into a Bachelor degree. A successfully completed Diploma gives you a recognised qualification as well as allowing you to enter many JCU Bachelor degree programs. You may also gain credit for some of the subjects you successfully completed. Diploma specialisations (streams) include:
• Business
• Business Studies
• Engineering and Applied Science
• General Studies
• Health
• Information Technology
• Science
• Society and Culture.

Credit for previous studies
(Advanced Standing)
If you have completed subjects at another recognised tertiary institution, 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. Not all subjects from your previous study may be eligible to be transferred to your new JCU course.

TAFE or equivalent Diploma courses
If you have undertaken vocational education courses, you should check if you are eligible to receive Advanced Standing for your previous study. This can reduce the time it takes to complete your Bachelor degree.
International pathways to JCU

**Diploma of Engineering**

✓ Study foundation engineering subjects to prepare you for direct entry into the second year of JCU’s Bachelor of Engineering (Honours) degree.
✓ Understand the key concepts of the engineering profession.
✓ Learn how to effectively communicate as a professional engineer.
✓ Gain practical experience with laboratory classes and field trips to local and regional industry partners.
✓ Receive a university diploma qualification upon completion.

**Overview**
Progress directly into the second year of the Bachelor of Engineering (Honours) degree through this JCU pathway Diploma. Develop your knowledge of engineering in a supportive environment while you adapt to life in Australia. You’ll develop the skills you need to understand and work in the engineering sector through hands-on, practical learning in small classes. The subjects and practical experience you will complete are delivered across a range of subjects, including:

• Engineering 1 – An introduction to the concept of an Engineer as a professional problem solver.
• Computing and Sensors – Use programming as a tool to solve engineering problems.
• Process Engineering – An introduction to chemistry, systems, sustainability and the chemical process industry.
• Statics and Dynamics – All things forces, and how they apply to engineering
• Electric Circuits – Learn about electricity and electrical systems.
• Mathematics Foundations – The foundation of mathematics skills needed for engineering
• Mathematical Techniques – Develop advanced skills in calculus, algebra and more sophisticated mathematical concepts.
• Advanced Stream Physics 1 – A foundation of mechanics which will serve as a platform for further studies in engineering and physics.

**Diploma of Health (Nursing Pathway)**

✓ Gain an understanding of the foundations of nursing science to prepare you for direct entry into the second year of JCU’s Bachelor of Nursing Science.
✓ Learn the fundamentals of physiological systems.
✓ Graduate with a Diploma of Health (Nursing Pathway).

**Overview**
Progress directly into the second year of the Bachelor of Nursing Science degree through this pathway diploma. Develop key nursing skills and a strong foundation of knowledge in a supportive environment, which allows international students to find their feet in Australia and at JCU. Learn the foundations all nurses need to deliver effective, ethical healthcare. Small classes with dedicated lecturers and leading experts will have you ready today for tomorrow. The subjects that will teach you how to do this include:

• Physiological Systems and Processes 1 – An introduction to physiology including cells, tissues, organs, organ systems and their functions.
• Communication for Nursing and Midwifery – Learn the process of effective communication.
• Transition to Nursing Studies – This subject will give international students an introduction to nursing’s vocabulary and skills, while also expanding students’ English language skills.
• Introduction to the Professions – Learn about nursing and midwifery as professional disciplines.
• Physiological Systems and processes 2 – Learn about the discipline of pharmacology and how it applies to the management of pain and inflammation.
• Health and Healthcare in Australia – Gain an understanding of Australia’s demographics, their characteristics and how it affects practice.
• Nursing Practice 1 – Build a foundation of knowledge for Person Centred Care.
• Law and Ethics for Nursing and Midwifery – Explore the key legal and ethical obligations of Nurses and Midwives.
JCU Accommodation

If you’re looking for a place to call home during your time at JCU, look no further than our range of accommodation options. Our dedicated Accommodation team can help you with your search for accommodation that suits you. For more information, visit jcu.edu.au/accommodation

On-campus accommodation

Living on campus will help you get the most out of your time at JCU. With five different accommodation types housing over 1,200 students in Townsville and a brand new complex for 300 students in Cairns, living on campus is a great place to make new friends, learn about the local culture and get the most out of your studies.

We want your time at JCU to be rewarding, both academically and socially. Sharing with Australian students, and other international students from around the world, will give you the opportunity to experience other cultures and make new friends. The student accommodation in Cairns and Townsville is only a short walk to your classes, the library and study hubs. You will also have living spaces you will share with other students and common areas where students can study together, watch a movie or attend social events.

With the support of staff at the accommodation and access to study groups, tutors and nearby University resources, you can achieve academic success. The safety and security of our students living on campus is important to us. All bedrooms and living areas are secured, and residential and security staff are available 24 hours.

Enjoy the benefit of music and dance competitions, sporting carnivals and social events that bring students together in an experience unique to living on campus. You can even meet the kangaroos that live around the campus!

Townsville on-campus accommodation

<table>
<thead>
<tr>
<th>University Hall</th>
<th>George Roberts Hall</th>
<th>Rotary International House</th>
<th>Saints Catholic College</th>
<th>The John Flynn College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choice of long corridor or townhouse living</td>
<td>3 bedroom flat with living room</td>
<td>6-8 bedroom self catered apartment</td>
<td>Single sexed long corridor living or unisex wing with ensuite</td>
<td>8-12 rooms per deck with shared ensuite option</td>
</tr>
<tr>
<td>Cost per week from*</td>
<td>$301</td>
<td>$321</td>
<td>$223</td>
<td>$352</td>
</tr>
<tr>
<td>Number of rooms</td>
<td>282</td>
<td>250</td>
<td>118</td>
<td>296</td>
</tr>
<tr>
<td>WiFi in bedrooms</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Air-conditioning</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Most</td>
</tr>
<tr>
<td>Fully catered (3 meals/day)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Bathroom</td>
<td>Shared</td>
<td>Shared</td>
<td>Shared</td>
<td>Shared and private</td>
</tr>
<tr>
<td>Linen provided</td>
<td>×</td>
<td>×</td>
<td>×</td>
<td>✓</td>
</tr>
<tr>
<td>Shared kitchenette</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Single sex wings offered</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*Prices subject to change and may not include amenity fees or other annual fees. Please visit our website for most current information including contract lengths. **Check online for frequency of housekeeping services

“Meeting and making friends with wonderful people from many diverse degrees and hanging out with them in so many different social settings is one of the best things about living on campus.

The college offers so many different ways to help your studies. I found mentoring in first year very helpful, as older students from the same course would guide you throughout the year.”

Nancy Wang
Australia
Bachelor of Medicine, Bachelor of Surgery
Living costs
Living in Cairns or Townsville generally costs less than living in a capital city. The table below provides a guide to the approximate cost of living.

<table>
<thead>
<tr>
<th>Expense</th>
<th>Average weekly cost (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-campus accommodation</td>
<td></td>
</tr>
<tr>
<td>Rent 1-2 bedroom flat/unit</td>
<td>$200–$350</td>
</tr>
<tr>
<td>Rent 3-4 bedroom house</td>
<td>$310–$465</td>
</tr>
<tr>
<td>Electricity and gas</td>
<td>$20–$40</td>
</tr>
<tr>
<td>Internet*, mobile, phone</td>
<td>$20–$55</td>
</tr>
<tr>
<td>Transport, travel</td>
<td>$10–$50</td>
</tr>
<tr>
<td>Homestay (including full room and board)</td>
<td>$190–$250</td>
</tr>
</tbody>
</table>

All costs are approximate and are subject to change. *2017 fees. *Based on a privately rented share house. **Please note that JCU has free wireless Internet available to students on campus. It is best to purchase a SIM card or Australian mobile number when you arrive in Australia, as using your home phone number will incur high costs.

To find out more about accommodation in Townsville and Cairns, visit: jcu.edu.au/accommodation

To get an idea of rental house prices, visit realestate.com.au

Students studying at JCU’s Singapore campus should contact the Singapore Accommodation Assistance Service. There is no on-campus accommodation, but you can choose from a wide variety of accommodation types to suit different budgets and needs.

Whether you choose to stay in off-campus hostels, a serviced apartment, private rental or shared accommodation, the Accommodation Assistance Service team help review your accommodation options to find the most suitable place to live.

You can login to our Pre-Arrival System for an accommodation application, or email us at accommodation-singapore@jcu.edu.au for an initial enquiry. Alternatively, if you are visiting Singapore, you may call us on 6709 3888 to arrange an accommodation inspection.

Cairns on-campus accommodation

John Grey Hall operated by UniLodge

<table>
<thead>
<tr>
<th>Studio apartment</th>
<th>6 bedroom apartment - ensuite room</th>
<th>6 bedroom apartment - standard room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost per week from*</td>
<td>$290</td>
<td>$275</td>
</tr>
<tr>
<td>Number of rooms</td>
<td>90</td>
<td>42</td>
</tr>
<tr>
<td>WiFi in bedroom</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Accessibility</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Air-conditioning</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Bathroom</td>
<td>Private ensuite</td>
<td>Private ensuite</td>
</tr>
<tr>
<td>Shared kitchen</td>
<td>Private kitchen</td>
<td>✓</td>
</tr>
<tr>
<td>Single sex apartments</td>
<td>TBA</td>
<td>✓</td>
</tr>
</tbody>
</table>

*Pricing and information is correct at time of printing but may change prior to placing your application.

How to apply
The on-campus residences offer a range of living and support options to suit individual preferences. Learn about where you could live at jcu.edu.au/accommodation. Complete your application online and we’ll look forward to meeting you on campus.

Off-campus accommodation
If you prefer to live off campus, the JCU Accommodation team can also assist you with finding off-campus housing in nearby share houses, private rental properties, homestays and hostels.

On our website we have a database of properties located close to the University. The database is regularly updated.

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. Also 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. Learn more about living off campus at jcu.edu.au/accommodation
Planning your move to Australia
A few things to remember before you pack your bags

2019 study dates*

<table>
<thead>
<tr>
<th>Teaching Period One 2019 (Semester One)</th>
<th>Teaching Period Two 2019 (Semester Two)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrival service</td>
<td>Arrival service</td>
</tr>
<tr>
<td>11 – 17 February</td>
<td>15 – 21 July</td>
</tr>
<tr>
<td>Compulsory International Orientation</td>
<td>Compulsory International Orientation</td>
</tr>
<tr>
<td>15 February</td>
<td>22 July</td>
</tr>
<tr>
<td>All students Orientation (O Week)</td>
<td>All students Orientation (O Week)</td>
</tr>
<tr>
<td>18 – 22 February</td>
<td>22 – 26 July</td>
</tr>
<tr>
<td>Classes begin</td>
<td>Classes begin</td>
</tr>
<tr>
<td>25 February</td>
<td>29 July</td>
</tr>
<tr>
<td>Mid semester recess</td>
<td>Mid semester recess</td>
</tr>
<tr>
<td>22 – 26 April</td>
<td>30 Sept – 4 Oct</td>
</tr>
<tr>
<td>Classes end</td>
<td>Classes end</td>
</tr>
<tr>
<td>31 May</td>
<td>1 November</td>
</tr>
<tr>
<td>Exam period</td>
<td>Exam period</td>
</tr>
<tr>
<td>8 – 21 June</td>
<td>9 – 22 November</td>
</tr>
<tr>
<td>Results published</td>
<td>Results published</td>
</tr>
<tr>
<td>9 July</td>
<td>10 December</td>
</tr>
</tbody>
</table>

*The above dates are subject to change. jcu.edu.au/students/important-dates

Budgeting
When preparing your budget we recommend you factor in all your possible expenses, including: Overseas Student Health Cover, Student Services and Amenities Fee, textbooks, study materials, and additional expenses associated with clinical placements, internships and fieldwork.

Insurance (OSHC)
International students are required to organise visa-length Overseas Student Health Cover (OSHC) through an approved insurance provider before applying for a Student Visa. OSHC can either be purchased through JCU and paid together with other university fees, or arranged directly with the OSHC insurance provider. Students are required to maintain coverage for the full duration of their Student Visa while in Australia. Students who arrive without a Student Visa will not have access to OSHC until their Student Visa is granted. Fees vary depending on the duration and the insurer, and are subject to change. Students from Sweden, Norway, and Belgium may be exempt from OSHC if they meet reciprocal requirements between the Australian government and their own national health schemes. For more information, please visit the website for Department of Home Affairs (DOHA):
homeaffairs.gov.au

Student Services and Amenities fee
The Student Services and Amenities fee provides students access to services that enhance experience through student life, student representation and advocacy. The maximum fee for 2018 is A$298.

Books and miscellaneous expenses
The cost of books and other study materials varies depending on your course. Approximately A$500 is required per teaching period/semester for textbooks, however books and other equipment such as laboratory coats can often be bought second-hand. Other expenses may include specialised equipment, and travel to internship placements and field trips. Costs for a laptop or tablet may also be factored into your budget.

Financial Aid and Scholarship information
JCU processes financial aid for students from a variety of countries. JCU is also registered as a provider to certify and administer US Federal Aid for new and continuing US students located at our Cairns or Townsville campuses.

For more information, please visit jcu.edu.au/international-students/fees-and-costs/scholarships-and-financial-aid or contact a JCU Financial Aid Administrator at financialaid@jcu.edu.au

Australia Awards Scholarships
The Australia Awards Scholarship program promotes knowledge, education links, and enduring ties between Australia and our neighbours through scholarship programs.

Students who have received an Australia Awards Scholarship are required to attend an Introductory Academic Program (IAP) prior to commencing study. australiaawards.gov.au
Student visa

Contact your nearest Australian Embassy, Consulate or High Commission to apply for your Australian student visa.

Many students apply for a visa on-line or via the Australian Diplomatic Mission in their country. In order to apply for a visa you will need a valid passport, an electronic Confirmation of Enrolment (eCoE), evidence of Overseas Student Health Cover (OSHC) and any other documentation required by the Australian diplomatic post with which you lodge your application.

It may take some time to process, so be sure to allow enough time for processing between lodging your application and the start of your academic program.

Students intending to study in Australia on a student visa are not eligible for external mode degrees (offered primarily by online or distance delivery) and are only permitted to study degrees with a Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS) registered course code.

For further information about student visas, including average visa processing time, contact the Department of Home Affairs (DOHA):

homeaffairs.gov.au

Working while studying

If you have a student visa you can work up to 40 hours per fortnight (two-week period) during university semesters, and without restriction during non-teaching periods. Permission to work in Australia is automatically included when you are granted your student visa. You may not commence work until you start your study. You need to obtain a Tax File Number to be able to work in Australia. This is available from the Australian Tax Office.

The JCU Careers and Employment Service can provide you with information on part-time and casual employment.

Bringing your family

There are many important issues to consider if you plan to bring your family while you study. These include additional financial responsibility, employment opportunities for your partner, larger (and more expensive) accommodation, schooling and childcare. You are required to identify all family members in your initial visa application, and school-aged children must attend school – schooling fees will apply, unless they are covered by a scholarship.

qld.gov.au/families/babies/childcare/types/pages/long

Working rights for your partner

If your partner* is joining you in Australia they can apply for a Permission to Work Visa. This can be done after you have started your course, or as part of your student visa application process. The work conditions for your partner will vary depending on the type of course you are enrolled in. Applying online is the quickest way for students and their family members to lodge Permission to Work applications.

* A partner is your spouse or de facto partner (including same-sex partner)

ESOS Act and Tuition Protection Service

As a provider of education services to international students in Australia, JCU is required to comply with the Education Services for Overseas Students Act (ESOS Act) and the National Code of Practice for Registration Authorities and Providers of Education and Training to Overseas Students (The National Code). The ESOS legislation and National Code specify minimum standards for the delivery of courses to students in Australia studying on a student visa, and regulate what information must be given to existing and prospective international students, what support must be provided to ongoing students, what records are kept, and what information is to be given to government agencies about international students.

JCU’s Tuition Fee Policy for International Students outlines students’ obligations and rights in relation to tuition fees for overseas students. The Policy also sets out the circumstances in which a student is entitled to a refund as required under the ESOS Act.

The Tuition Protection Service (TPS) is a placement and refund service for international students studying on a student visa, which also operates under the ESOS Act. On the rare occasions that a provider is unable to deliver a course an international student has paid for, and does not meet its legal obligations to make alternative course replacements or provide a refund, the TPS will assist students to find an alternative place or, if this is not possible, provide a refund of any unspent tuition fees. Visit: tps.gov.au

The ESOS National Code and student visa conditions contain restrictions on when students, or JCU, can defer, suspend or cancel an enrolment. Students may only defer commencement of studies or take a leave of absence once they have commenced when there are compassionate or compelling reasons for doing so. A compassionate or compelling reason is something which is beyond an individual’s control and which has, or will have, an impact on their academic progress or wellbeing.
Start your career studying at JCU

James Cook University is the only university in Queensland to be awarded five stars for graduate job success seven years in a row by The Good Universities Guide. With field trips, Work Integrated Learning and practical placements part of JCU’s degree programs, you graduate with the knowledge, confidence and work-ready skills you need to succeed.

Work Integrated Learning

Work Integrated Learning (WIL) is a formal program offered at JCU that links work and learning. You gain practical work experience as part of your degree which helps improve your academic learning and industry experience while developing important skills that employers want. WIL helps your transition into the workplace.

Practical experience is the key to success

From the reef to the rainforest to the dry tropics of the outback, JCU prepares you for your career by offering field trips, clinical placements, internships, and work placements in unique locations around Australia and even overseas. Some of these locations include Orpheus and Fitzroy Islands on the Great Barrier Reef and Fletcherview cattle station, 100 kilometres inland from the coast.

“I felt that my internships and placement prepared me to enter the work force. My experience working on real life projects helped me transition into my role as a Geographic Information Systems (GIS) Project Officer with the Great Barrier Reef Marine Park Authority.”

Kaya Asdal
Norway
Bachelor of Science
“The placements gave me the chance to work with people from different industries and were invaluable experience that taught me how to foster teamwork within a working environment and execute strategies. It was invaluable to have the chance to work with local people, and improve my English and understanding of Australian culture.”

Huan Lu
China
Doctor of Philosophy (PhD) in Tourism Management
Honours, Class 1
Bachelor of Business and Bachelor of Tourism Management

Go global
Stand out with your future employers by demonstrating a truly international education. Complete part of your Australian degree at one of over 50 partner universities from countries all over the world. For more information, visit jcu.edu.au/global-mobility

Careers and employment
JCU’s Careers and Employment service gives students access to part-time and casual employment, vacation jobs and volunteering opportunities, as well as resources for preparing job applications and links to potential employers. For more information see jcu.edu.au/careers-and-employment

Volunteering
Extracurricular volunteering is highly valued by employers. At JCU we encourage you to take up the many opportunities to volunteer – you’ll have fun, learn, get real-life work experience, and make new professional networks and friends.
## Courses and fees

The fees listed are in Australian dollars and are based on the annual international tuition fee for students commencing in 2019. Annual (per year) international tuition fee equates to 24 credit points. Tuition fees may increase each year. See JCU’s Tuition Fee Policy for International Students for the most up-to-date information on fee increases. The Policy can be found at [jcu.edu.au/policy/student-services/tuition-fee-policy-for-international-students](jcu.edu.au/policy/student-services/tuition-fee-policy-for-international-students)

### BACHELOR DEGREES

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration (years)</th>
<th>Campus/Mode</th>
<th>Mid-Year Start (July)</th>
<th>English Band Level</th>
<th>Minimum prerequisites and additional documentation</th>
<th>CRICOS course code</th>
<th>2019 Tuition fee (per year in A$)</th>
<th>Page no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts*</td>
<td>3</td>
<td>T, C, S, E</td>
<td>Yes</td>
<td>1</td>
<td>English</td>
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<td>$29,080</td>
<td>28</td>
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<tr>
<td>Bachelor of Arts-Bachelor of Business</td>
<td>4</td>
<td>T, C*, E</td>
<td>Yes</td>
<td>1</td>
<td>English, Maths B desirable</td>
<td>036644M</td>
<td>$29,400</td>
<td>†</td>
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<tr>
<td>Bachelor of Arts–Bachelor of Laws</td>
<td>5</td>
<td>T, C*</td>
<td>Yes</td>
<td>2</td>
<td>English, Maths B and Chemistry</td>
<td>028993A</td>
<td>$36,280</td>
<td>†</td>
</tr>
<tr>
<td>Bachelor of Biomedical Sciences</td>
<td>3</td>
<td>T</td>
<td>No</td>
<td>2</td>
<td>English, Chemistry, Maths B</td>
<td>013347K</td>
<td>$33,280</td>
<td>33</td>
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<tr>
<td>Bachelor of Business*</td>
<td>3</td>
<td>T, S</td>
<td>Yes</td>
<td>1</td>
<td>English, Maths B</td>
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<td>38</td>
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<tr>
<td>Bachelor of Business–Bachelor of Laws</td>
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<td>T, C*</td>
<td>Yes</td>
<td>2</td>
<td>English, Maths B</td>
<td>031833B</td>
<td>$31,200</td>
<td>†</td>
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<td>1</td>
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<td>$31,200</td>
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<td>Bachelor of Clinical Sciences (Honours)</td>
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<td>2</td>
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<td>$36,280</td>
<td>39</td>
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<tr>
<td>Bachelor of Creative Arts and Media</td>
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<td>1</td>
<td>English</td>
<td>093384J</td>
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<td>Bachelor of Dental Surgery</td>
<td>5</td>
<td>C</td>
<td>No</td>
<td>3b</td>
<td>English, Chemistry, Maths B, Biology</td>
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<tr>
<td>Bachelor of Education (Early Childhood Education)</td>
<td>4</td>
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<td>Yes</td>
<td>See p.61</td>
<td>English, Maths A, B or C, plus an authority Science subject</td>
<td>081938A</td>
<td>$29,400</td>
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<td>Bachelor of Education (Primary)</td>
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<td>T, C*</td>
<td>Yes</td>
<td>See p.61</td>
<td>English, Maths A, B or C, plus an authority Science subject</td>
<td>081941F</td>
<td>$29,400</td>
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<td>4</td>
<td>T, C*</td>
<td>Yes</td>
<td>See p.61</td>
<td>English, Maths A, B or C. For secondary Maths teaching – Maths B</td>
<td>081942E</td>
<td>$29,400</td>
<td>44</td>
</tr>
<tr>
<td>Bachelor of Engineering (Honours) *Majors: Chemical, Civil, Electrical and Electronic, Electronic Systems &amp; Internet of Things, Mechanical</td>
<td>4</td>
<td>T, C**</td>
<td>Yes#</td>
<td>1</td>
<td>English, Maths B</td>
<td>085458G</td>
<td>$35,800</td>
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</tr>
<tr>
<td>Bachelor of Engineering (Honours)–Bachelor of Information Technology</td>
<td>5</td>
<td>T, C**</td>
<td>Yes#</td>
<td>1</td>
<td>English, Maths B</td>
<td>085411M</td>
<td>$35,800</td>
<td>†</td>
</tr>
<tr>
<td>Bachelor of Engineering (Honours)–Bachelor of Science</td>
<td>5</td>
<td>T, C**</td>
<td>Yes#</td>
<td>1</td>
<td>English, Maths B and Chemistry for all Majors except Physics Major: Maths B, Chemistry, and Physics or Maths C</td>
<td>085380B</td>
<td>$36,280</td>
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<tr>
<td>Bachelor of Environmental Practice**</td>
<td>3</td>
<td>T, C</td>
<td>No</td>
<td>1</td>
<td>Assumed Knowledge: English (4,SA); Maths B (4,SA) Recommended Study: At least one of Biology, Chemistry, Earth Science, Geography, Maths C or Physics</td>
<td>093740E</td>
<td>$33,280</td>
<td>48</td>
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<tr>
<td>Bachelor of Geology</td>
<td>3</td>
<td>T, C (first year only)</td>
<td>Yes</td>
<td>1</td>
<td>Assumed Knowledge: English (4,SA); Maths B (4,SA) Recommended Study: At least one of Biology, Chemistry, Earth Science, Geography, Maths C or Physics</td>
<td>062452C</td>
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<tr>
<td>Bachelor of Information Technology</td>
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<td>1</td>
<td>English, Maths B desirable</td>
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<tr>
<td>Bachelor of Laws</td>
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<td>2</td>
<td>English</td>
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[...](jcu.edu.au)
<table>
<thead>
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<th>Course</th>
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<th>Campus / Mode</th>
<th>Mid-Year Start (July)</th>
<th>English Band Level</th>
<th>Minimum prerequisites and additional documentation</th>
<th>CRICOS course code</th>
<th>2019 Tuition fee (per year in AUD)</th>
<th>Page no.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>3</td>
<td>T, C</td>
<td>Yes</td>
<td>2</td>
<td>Completion of a recognised degree in any discipline</td>
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<td>Bachelor of Marine Science</td>
<td>3</td>
<td>T</td>
<td>Yes</td>
<td>1</td>
<td>Assumed Knowledge: English (4,SA); Maths B (4,SA), Chemistry (4,SA) Recommended Study: At least one of Biology, Earth Science, Geography, Maths C or Physics</td>
<td>056552E</td>
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<td>Bachelor of Medical Laboratory Science (Honours)</td>
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<td>T</td>
<td>No</td>
<td>2</td>
<td>English, Chemistry, Maths B. Recommended: one of Biology, Health Education, Physical Education or Physics</td>
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<td>Bachelor of Medicine, Bachelor of Surgery</td>
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<td>Bachelor of Nursing Science</td>
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<td>T, C</td>
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<td>3c</td>
<td>English. Recommended: Biology, Chemistry and any Maths</td>
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<td>Bachelor of Occupational Therapy (Honours)</td>
<td>4</td>
<td>T</td>
<td>No</td>
<td>3a</td>
<td>English, One of: Biology, Chemistry, Physics, Health Education or Physical Education</td>
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<td>T</td>
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<td>Bachelor of Physiotherapy</td>
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<td>No</td>
<td>3a</td>
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<td>Bachelor of Planning</td>
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<td>59</td>
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<td>1</td>
<td>English</td>
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<td>1</td>
<td>English</td>
<td>092517J</td>
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<tr>
<td>Bachelor of Advanced Science*</td>
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<td>T, C*</td>
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<td>Required: English (4,SA); Maths B (4,SA) Recommended Study: At least one of Biology, Chemistry, Physics or Maths C</td>
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<tr>
<td>Bachelor of Science*</td>
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<td>T, C*</td>
<td>Yes#</td>
<td>1</td>
<td>Required: English (4,SA); Maths B (4,SA) Recommended Study: At least one of Biology, Chemistry, Physics or Maths C</td>
<td>076290A</td>
<td>$36,280</td>
<td>62</td>
</tr>
<tr>
<td>Bachelor of Science – Bachelor of Laws</td>
<td>5</td>
<td>T, C*</td>
<td>Yes</td>
<td>2</td>
<td>English, Maths B and Chemistry for all Majors</td>
<td>017881M</td>
<td>$36,280</td>
<td>†</td>
</tr>
<tr>
<td>Bachelor of Social Work</td>
<td>4</td>
<td>T</td>
<td>Yes</td>
<td>3a</td>
<td>English</td>
<td>010531E</td>
<td>$29,080</td>
<td>66</td>
</tr>
<tr>
<td>Bachelor of Social Work (Honours)</td>
<td>4</td>
<td>T</td>
<td>Yes</td>
<td>3a</td>
<td>English</td>
<td>093296J</td>
<td>$29,080</td>
<td>66</td>
</tr>
<tr>
<td>Bachelor of Speech Pathology (Honours)</td>
<td>4</td>
<td>T</td>
<td>No</td>
<td></td>
<td>See p.61 English, One of: Biology, Chemistry, Physics or Health Education</td>
<td>094679G</td>
<td>$33,280</td>
<td>67</td>
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<tr>
<td>Bachelor of Sport and Exercise Science</td>
<td>3</td>
<td>T, C</td>
<td>No</td>
<td>2</td>
<td>English, Maths A, B or C. Recommended: one of Biology, Chemistry, Physics, Health Education or Physical Education</td>
<td>029033A</td>
<td>$31,400</td>
<td>68</td>
</tr>
<tr>
<td>Bachelor of Sport and Exercise Science – Bachelor of Psychological Science</td>
<td>5</td>
<td>T, C</td>
<td>No</td>
<td>2</td>
<td>English, Maths A, B or C. Recommended: one of Biology, Chemistry, Physics, Health Education or Physical Education</td>
<td>093297G</td>
<td>$31,400</td>
<td>†</td>
</tr>
<tr>
<td>Bachelor of Veterinary Science</td>
<td>5</td>
<td>T</td>
<td>No</td>
<td>3a</td>
<td>English, Chemistry, Maths B (Biology highly desirable)</td>
<td>063658C</td>
<td>$57,200</td>
<td>69</td>
</tr>
</tbody>
</table>

**DIPLOMAS**

| Diploma of Engineering                                               | 1                | T             | No                    | 1                 | English, Maths B                                    | 098159M           | $29,200                          | -        |
| Diploma of Health (Nursing Pathway)                                  | 1                | C             | No                    | 2                 | English. Recommended: Biology, Chemistry and any Maths | 098160G           | $28,200                          | -        |
| Diploma of Higher Education (Bus.)                                   | 1                | T             | Yes                   | 1                 | English, Maths B desirable                          | 082841B           | $28,840                          | -        |

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All fees are in Australian dollars. Annual tuition fees equate to 24 credit points.

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

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).

CRICOS course code indicates JCU degree courses registered on the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS) available to students intending to study in Australia on a student visa and other international students living onshore in Australia with an appropriate visa.

For Singapore Campus offerings see page 8.

For Brisbane Campus offerings see page 9.

English language band information can be found on page 73.

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* Only available externally
* Not all Majors/Education study areas available on all campuses. Check the course page for details
** 50% Engineering Major only in Cairns, other Engineering Majors only in Townsville, first year may be studied on either campus.
# Not all Majors available for mid-year entry in Cairns, please visit jcu.edu.au/courses-and-study
## Not all Majors available for mid-year entry in Cairns, please visit jcu.edu.au/courses-and-study

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**English** refers to the study of the English language, **Maths A** refers to the study of mathematics concepts such as numbers, algebra, geometry, trigonometry, and calculus, **Maths B** refers to advanced mathematics concepts such as calculus, exponential functions, and trigonometry, **Maths C** refers to the study of complex numbers, matrices, vectors, calculus, and advanced trigonometric and exponential functions.

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CRICOS course code indicates JCU degree courses registered on the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS) available to students intending to study in Australia on a student visa and other international students living onshore in Australia with an appropriate visa.

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All fees are in Australian dollars. Annual tuition fees equate to 24 credit points.

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

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).

CRICOS course code indicates JCU degree courses registered on the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS) available to students intending to study in Australia on a student visa and other international students living onshore in Australia with an appropriate visa.

For Singapore Campus offerings see page 8.

For Brisbane Campus offerings see page 9.

English language band information can be found on page 73.
Courses

James Cook University is the only university in Queensland to be awarded five stars for graduate job success seven years in a row by The Good Universities Guide.

Study options

Work Integrated Learning (WIL) is now best practice in many parts of the world. At JCU we incorporate WIL in our courses through clinical placements, practicums, fieldwork, internships, and projects.

Most JCU courses and subjects offer face-to-face teaching, providing you with a high level of study support and interaction with academics and other students. To study in Australia you must choose a course offered at the Cairns, Townsville, or Brisbane campuses. A three year full-time course typically consists of 24 subjects.

Most subjects require weekly attendance at a lecture followed by participation in a small-group tutorial. JCU also offers subjects that can be studied externally/online, and where limited attendance on-campus may be required.

Modes of delivery

JCU degrees are offered on an internal basis (i.e. offered primarily through face-to-face delivery on campus), or external mode basis (i.e. offered primarily by flexible, online or distance delivery, but may require some attendance on campus).

Students intending to study in Australia on a student visa are not eligible for external mode degrees (offered primarily by online or distance delivery) and are only permitted to study degrees with a Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS) registered course code.

External mode degrees (offered primarily by online or distance delivery) may be studied by international students living in Australia with an appropriate visa, other than a student visa, or international students living outside of Australia. It is important to note that some external mode degrees may require on campus attendance and international students studying an external mode degree from overseas cannot apply for an Australian student visa for any Australian on campus attendance requirements. Before applying for an external mode degree students should be aware of the on campus attendance requirements and contact the Department of Home Affairs to identify which type of visa may be appropriate for their requirements.
Mid-year enrolment (July start)
Mid-year enrolment is available for many of our undergraduate courses. Check out the Courses and Fees table on page 24.

Assessment
Assessment is designed to encourage you to demonstrate your learning. Our subjects have a variety of assessment methods, including essays, oral presentations, group projects, examinations, quizzes, practical examinations, professional placements, and laboratory reports.

Career outcomes
JCU graduates are highly valued by employers for their combination of academic skills, practical experience, and strong communication and technological skills.

Our Careers and Employment team can help you from the day you start your study at JCU. We encourage you to start networking, explore your options, and learn how to promote your skills.

Course Icons
These icons represent particular course details, look for them at the start of course information.

- Cairns Campus
- Townsville Campus
- First year only
- Study Externally
- Singapore Campus
- Brisbane Campus
- Start Semester 1
- Start Semester 2
- Course duration in years
- Professional placements
- Professional accreditation
- Work Integrated Learning
- Field trips
- Clinical placements
Arts

Open yourself to a world of possibilities by choosing a JCU Arts degree – it’s your pathway to many exciting career choices.

Bachelor of Arts
✓ A flexible Bachelor of Arts (BA) is your gateway to a wide range of rewarding careers in Australia and overseas
✓ Choose the JCU Bachelor of Arts if you want to pursue a career in professions such as anthropology, archaeology, the creative arts, and criminology, as well as an array of opportunities in the fields of history, politics and international relations, languages, literature and creative writing
✓ Learn valuable, work-ready skills in critical thinking, problem solving, report writing, using technology for research and communicating, teamwork, and managing your time

Overview
You can keep your career options open when you choose JCU’s flexible Bachelor of Arts degree. Explore areas of study that focus on your strengths and interests. Select from diverse Major and Minor options, or study a Joint degree that gives you even more career choices when you graduate. Grasp international study opportunities. Participate in research in Australia or the Asia Pacific region, and gain valuable experience through practical work placements.

Bachelor of Arts, majoring in Anthropology
✓ Explore social, linguistic, and cultural differences in order to understand historical, political, and economic relationships in the contemporary world
✓ Use your qualifications in a remarkable variety of careers in the business, government and not-for-profit sectors
✓ Opportunities to participate in exciting field work in JCU’s unique tropical locations in the midst of diverse, living social and cultural history
✓ Learn research and analytical skills from JCU’s internationally acknowledged researchers

Overview
Choose JCU Anthropology to gain a deep understanding of cultural difference and how people’s beliefs and practices fit into a wider social, political and economic context – skills that are critical in decision-making for governments, corporations and not-for-profits in Australia and internationally.

This flexible study choice includes Anthropology subjects such as:
• Anthropology of Violence
• Medical Anthropology
• Culture, Knowledge and Environment
• Myth, Ritual and Religion
• Anthropology and Development
• City Life: Anthropology of Urban Space
• Image, Art and Design
• Anthropological Linguistics
• Australia through Time and Place.

To gain even more skills to help you expand your career choices, you can combine this Major with a second Bachelor of Arts Major. Popular combinations with Anthropology include Archaeology, History, Politics and International Relations, and Sociology. You may also include electives from the following wide variety of fields:
• Arts – Languages, Literature, Indigenous Australian Studies
• Science – Environmental Science
• Creative Arts and Media.

JCU Archaeology students can undertake field trips to SE Asia.

Bachelor of Arts, majoring in Archaeology
✓ Opportunities for awe-inspiring field trips around North Queensland and South East Asia
✓ Explore Pacific, Asian, Australian Aboriginal, Torres Strait Islander and Australian Colonial societies
✓ Find signs of early European visitors to Australia
✓ Participate in practical archaeology site recording, report writing, and learn how to treat and analyse finds
✓ Learn from the experts at the Tropical Archaeology Research Laboratory, based on both Cairns and Townsville campuses

Overview
If you enjoy thinking about the past, have a good eye for detail, don’t mind working outdoors in isolated environments, have an enthusiasm for research, enjoy working as part of a team, have good writing skills and an aptitude for working with technology, you’ll enjoy studying Archaeology at JCU.

The JCU program offers a broad range of Archaeology subjects beginning with a first year introduction to the world of archaeology, followed by more specialised offerings on Evolutionary, Forensic, Asian, Australian and European Archaeology.

To gain even more skills to help you expand your career choices, you can combine this Major with a second Bachelor of Arts Major. Popular combinations with Archaeology include History, Anthropology and Human Geography. You may also include electives from the following wide variety of fields:
• Arts – History, Indigenous Australian Studies
• Social Sciences – Anthropology, Sociology
• Science – Geology, Environmental Science, Soil Science
• Creative Arts and Media – Photography.
Bachelor of Arts, majoring in Criminology

- Gain valuable skills in critical thinking, problem solving, policy analysis and research methodology
- Learn why people are motivated to commit crime
- Develop an understanding of youth deviance, and how society responds to such behaviour
- Explore strategies to prevent crime and to rehabilitate offenders
- Participate in a wide range of extra-curricular criminological student activities (Townsville Campus)

Overview
This course equips you with skills that lead to careers where you can make a difference. It combines subjects from Sociology, Anthropology, Politics, Archaeology, and Governance. Subject topics include:

- Criminal Law, including Crime Prevention and Community Safety
- Australian Society: An Introduction to Sociology or The Political World: An Introduction to Political Science
- Deviance, Crime and Society
- Anthropology of Violence
- Forensic Archaeology or Qualitative Research
- The History of Global Connections
- Crime Prevention and Community Safety
- Policy Analysis and Management
- Youth Deviance.

For additional expertise, you can combine this Major with a second BA Major, such as Sociology, Anthropology, History, Politics and International Relations, Psychology, Human Services or Indigenous Australian Studies. You can also enhance your career prospects by studying a joint degree.

Bachelor of Arts, majoring in English

- Indulge your passion for literature and writing
- Explore the riches of literature in English across the ages
- Grow your historical and cultural understanding
- Learn high-level research, communication, critical reasoning, persuasion, negotiation and analysis skills that are valued in workplaces

Overview
Flourish as part of JCU’s traditional and flexible English program that combines core subjects in Arts and Literature with electives that include History, Political Science, Indigenous Australian Studies or Sociology. Stand out from the crowd by combining English with a second Major such as History, Multimedia Journalism, and Writing. You’ll study:

- Australian Literature
- Creative Writing
- Children’s Literature
- Telling Tales: Approaches to Narrative
- Great Books: Epochs and Classics
- Banned Books: Censorship and the Regulation of Culture in Australia
- Progress and Anxiety: The Victorian Age
- Modern Literature
- The Romantic Vision
- Literature, Print and Society in Comparative Contexts 1920-50
- Reading and Writing the Short Story
- Australian Urban Fictions
- Postcolonial Narratives: Writing, Place, and Identity
- Heroism and Humanism: Shakespeare and the English Renaissance.

When you graduate, you’ll have a clear understanding of the English language, with insights into how humans interact and high-level communication and reasoning skills – fundamental knowledge that will help you move into a wide choice of interesting careers.

Bachelor of Arts, majoring in History

- Undertake some time travel by learning about the history of Australia and its region.
- Study Australian and world history, including the history of North Queensland
- Explore past social and cultural conditions to gain a deep knowledge about humanity
- Learn about political and economic events, as well as environmental and cultural change over time
- Learn to apply skills that are valued - critical thinking, independent judgement, intercultural sensitivity, and using national, regional and global perspectives to identify and solve problems

Overview
History at JCU enables you to build research and communication skills that provide a stepping stone to a fulfilling career. You’ll be able to access the University’s Eddie Koiki Mabo Library, which holds an extensive collection of rare books, photographs and oral history. The wealth of knowledge at your fingertips provides indispensable tools for budding historians. Study topics include:

- Australian History
- Environmental History
- The World of Archaeology or Australian Society
- The History of Global Connections
- Australia and Pacific Exploration
- Ancestors and Emperors
- Researching History in Australia
- Modern World History.

As you study, you will learn to construct an argument, and communicate findings clearly and persuasively, and you’ll be able to discuss ideas, negotiate and summarise - all abilities that are valued by employers.

Your JCU Bachelor of Arts in History program is highly flexible. You can combine core subjects from Arts and Humanities with electives from, for example, Literature, Politics and International Relations, Indigenous Australian Studies or Science. To enhance your career prospects, you could also choose to study a joint degree.
Bachelor of Arts, majoring in Human Geography

✓ Study Human Geography in some of earth's most spectacular environments
✓ Have unparalleled access to environments that provide information sources for geographers from around the world, such as:
  - The Great Barrier Reef Marine Park
  - World Heritage-listed rainforests of the Wet Tropics
  - Tropical savannah
  - Wetland environments
  - Tropical urban environments
✓ Enjoy work experience and project work opportunities, and build valuable networks within:
  - The Great Barrier Reef Marine Park Authority
  - The Wet Tropics Management Authority
  - Queensland's Department of Employment, Economic Development and Innovation
  - Environmental Protection agencies.

Overview
This Human Geography degree enables you to explore the interactions between people, natural events and the environment. You'll learn to bring together a combination of specialist skills to tasks like environmental and town planning, land management, regional sustainability and environmental impact assessment.

Study climate, hydrology, coastal science, impact assessments - much more than maps, compasses and spinning globes - skills you can use to help solve major ecological and environmental problems. Learn valuable work skills like identifying problems, evaluating explanations, analysing data, computing techniques, methods of laboratory analysis used in physical geography, and strategies for recommending solutions. Get involved in fascinating practical project work, where you'll work in teams or alone. You'll study topics like:

- Environmental Processes and Global Change
- Human Geography
- Population Geography and Demography
- Urban Geography and Design
- Introduction to Geographic Information Systems
- Human Dimensions of Nature, Environment and Conservation
- Planning for Sustainable Communities in a Changing Environment, or Disasters, Communities and Planning
- Environmental and Social Impact Assessment.

You can enhance your career prospects if you choose to study a joint degree in a complementary discipline.

Bachelor of Arts, majoring in Human Services

✓ Learn to work with individuals, families and communities to overcome adversity and foster life change
✓ Study with professionals who have teaching and career experience
✓ Build networks and gain practical skills and knowledge that will help you forge a satisfying career

Overview
Study social policy, community planning and development, education and capacity building, organisational practice, and social responsibility with JCU's expert staff. Benefit from JCU's research culture and working relationships with government agencies and local community groups. Most subjects invite guest lecturers from the industry to share their expertise. You'll learn skills that will enable you to make a difference in the youth and criminal justice system, community planning and development, social policy development, welfare practice, disaster relief, child and family services, or aged care fields. Study areas include:

- Self in Professional Helping
- Human Rights and Social Justice
- Professional Values and Ethics
- Interpersonal Practice, or Aboriginal and Torres Strait Islander Skills and Frameworks for Practice
- Community Work
- Organisational Practice, or Australian Women's Studies
- Social Welfare Practice with Children and Families, or Social Work and Mental Health
- Group Work or Developmental Approaches to Eco-Social Justice.

You may also choose to study a second Major, without extending your study duration. Complementary Majors are Psychology Studies, Sociology, Criminology and Indigenous Australian Studies. To enhance your career prospects even more, you could study a joint degree.

Open yourself to a world of possibilities by choosing a JCU Arts degree – it's your pathway to many exciting career opportunities.
Bachelor of Arts, majoring in Multimedia Journalism and Writing

- Learn to write copy for print, broadcast and online media
- Grow your skills in web design, graphic design, sound and music, and online content
- Produce award-winning photographs, radio documentaries and video journalism stories
- Get practical experience on JCU's own online news platform
- Study with lecturers who have successful journalism and media industry experience

Overview
This exciting JCU Bachelor of Arts Major equips you with the diverse range of skills you’ll need to succeed in today’s fast-changing creative and news media environments. You’ll develop generic and specialist skills and learn workplace skills like planning, writing, editing and critical reading. You explore:

- The responsibilities and roles of all these fields
- PR skills such as writing media alerts, media releases, backgrounder and more
- Journalism and creative writing skills such as how to analyse your own and others’ stories, and drafting and editing stories for publication
- How to use the latest technologies to gather stories on the move
- Strategies for producing a variety of stories covering world, national or local community issues
- How to survive in today’s evolving newsrooms and workplaces.

The practical work you’ll complete, mostly working in small teams, will form the basis of your professional portfolio.

Subject topic areas include:
- Creative Writing
- Short Story Writing
- Effective Writing
- Introduction to Multimedia Journalism
- Broadcast Journalism
- Writing for Multimedia
- Sociology of Digital Life
- Public Relations Campaigns
- Multimedia Writing Projects.

Depending on your own interests and goals, you could enhance your career prospects by studying a joint degree.

Bachelor of Arts, majoring in Politics and International Relations

- Explore Australian, Asia-Pacific and international political institutions and processes
- Study diplomacy, political economy and globalisation
- Grasp the chance to participate in a parliamentary internship

Overview
Study the people, institutions and issues involved in Australian and international politics. Learn how power is exercised and how it makes a difference in people’s lives. Equip yourself with knowledge that will help you build a career that involves analysing big issues and providing strategic advice on domestic and international affairs and policy for governments, business, industry and non-government organisations.

Subject topic areas include:
- The Political World
- Modern World History, or Anthropology
- Political communication in the Global Environment
- Government and Politics in Developing Areas
- International Politics and Foreign Relations
- Australia and World Politics
- Democracy and the State.

Depending on your own interests and goals, you could enhance your career prospects by studying a joint degree.

“...The lecturers are so helpful. I love them. I am able to go to them for help whenever I need it and I have a great working relationship with them. One of my lecturers also has children and I feel that she understands some of the struggles I have when I am studying.”
Rakara Raula-Nelson
Papua New Guinea
Bachelor of Arts
Bachelor of Arts, majoring in Psychology Studies

✓ Gain a deeper understanding of the biological, social and cultural factors that influence how humans think, feel and behave
✓ Explore psychology skills you can use in many careers like marketing, advertising, writing, media and human resources
✓ Study with Bachelor of Psychology (Honours) students and be part of real-world scenarios
✓ Learn strategies to resolve disputes

Overview
This is the Major for you if you are interested in psychology but also wish to study other areas of the arts, humanities and social sciences. It is NOT right for you if you’re planning to become a Registered Psychologist, in which case you should choose JCU’s Bachelor of Psychological Science. Psychology Studies explores the history of psychology, methods, the nervous system, memory, cognition, intelligence, motivation, emotion, health psychology, personality and psychological disorders. Examples of subjects you could choose are:

• Memory and Cognition
• Psychological Neuroscience
• Connecting Social, Psychological and Physical Health
• Describing and Analysing Behaviour
• Social Psychology in Everyday Life
• Learning Processes, Behaviour and Performance.

Depending on your own interests and goals, you could enhance your career prospects by studying a joint degree.

Bachelor of Arts, majoring in Sociology

✓ Discover how to look at the world in new ways
✓ Learn analytical skills that will help you into many careers in the business, industry, government or not-for-profit sectors
✓ Choose electives that fascinate you – History, Law, Politics, International Relations

Overview
If you’re curious about society and want to understand “the bigger picture”, this course will give you the analytical tools and knowledge you’ll need. Learn how society is organised and how we experience life with each other and within institutions. Study topics that will be valued in organisations that need planners, product researchers, community project managers, policy analysts, administrators, advocates and much more. Subjects you may choose include:

• Australian Society: An Introduction to Sociology
• Anthropology: Cultural Diversity in Global Perspective or Crime, Deviance and Society
• Power and Protest in a Globalising World
• Qualitative Research
• Social Analysis of Contemporary Australian Issues.

To gain even more skills to help you expand your career choices, you can combine this Major with a second Bachelor of Arts Major. Popular combinations with Sociology include Criminology, Anthropology, and Psychology Studies. You may also include electives from the following wide variety of fields:

• Arts – Archaeology, History, Literature, Indigenous Australian Studies
• Science – Environmental Science, Town Planning
• Social Work and Education.

Other electives include:

• Youth Identity and Popular Culture
• Family, Gender and Sexuality in Contemporary Society
• Migration, Ethnicity and Belonging
• Sociology of Digital Life.
Biomedical Sciences

Bachelor of Biomedical Sciences

✓ Study a JCU degree that explores the foundations for the clinical practice of human and veterinary medicine
✓ Learn diverse skills – from conducting ground breaking medical research, to helping shape future health policies, to teaching future scientists
✓ Gain practical work skills and build industry networks during your work experience in local hospitals and scientific laboratories.

Overview
Here's your chance to be at the forefront of rapidly advancing scientific discoveries. Prepare for a career in medical research, in the food industry, in scientific sales and marketing, in biotechnology companies, or diagnostic and pharmaceutical industries. Learn the practical and multidisciplinary skills employers want.

Focus on biomedical issues relevant to the Tropics, with a particular emphasis on health issues faced by rural and remote communities. Work with current technologies and learn the latest techniques from JCU’s internationally-recognised staff. Subject topic areas include:

• Anatomy and Physiology
• Pathology and Pharmacology
• Infectious Diseases and Immunology
• Microbiology and Parasitology
• Epidemiology
• Molecular and Cell Biology.

An Honours degree option is available for high-achieving students who wish to pursue research or academic careers.

Note: You’ll require immunisations, current Queensland First Aid and CPR certificates, and a Suitability to Work with Children (Blue Card). For some placement options an Australian Federal Police check is required.

JCU students are taught the latest techniques to workplace standards.
Business

Bachelor of Business

The Bachelor of Business is a flexible degree with an innovative approach to subject choice that helps personalise the course to suit your particular interests. Your initial step into business at JCU is through a range of core subjects before choosing your area of specialisation by selecting a business Major.

A Major is a series of eight subjects. It is possible for you to specialise further by adding a second business or non-business Major or business Minors. A Minor is a group of four subjects designed to complement your selected Major.

Possible combinations of Majors and Minors are dependent on the primary Major chosen, your location and mode of study. For further information please visit:

jcu.edu.au/business

I would describe JCU as a university full of excitement and opportunities. As an international student, the best thing about studying on an international campus is that I meet people from all over the world and I learn from them. With motivated lecturers and support staff who provide a high standard of academic assistance, I believe JCU provides me with the best environment to learn and achieve my goals.”

Yueze Xu
China
Bachelor of Business

Bachelor of Business, majoring in Accounting

✓ Learn skills that employers value
✓ Participate in this JCU Accountancy course that achieves one of Australia’s best employability outcomes
✓ Follow your dreams - choose Majors in areas that fascinate you
✓ Study with internationally-recognised JCU lecturers
✓ Gain genuine work experience and be work-ready when you graduate
✓ Network with experts in their fields

Overview
In addition to the core subjects in this course, the subject topic areas within this Major include:

- Accounting Principles and Systems
- Company Accounting
- Contemporary Issues in Accounting
- Performance Management and Control
- Auditing
- Cost Management Accounting
- Financial Management
- Business Modelling

You can choose to combine your accredited Accounting degree with a Bachelor of Laws or you can choose a Minor. Minors (groups of four subjects) might include Business Intelligence, Communication Design, Financial Management, Government and Policy, Managerial Economics, Marketing, Media Design, Social Marketing and Not-for-Profit Marketing, Socio-Ecological Economics, Sustainability or Tourism Management.

Choose one of these options

Bachelor of Business (Accounting)

Bachelor of Business core subjects (8 subjects) + Accounting Major (11 subjects)

Financial Management Major (5 subjects)
Business Law second Major (5 subjects)
1 Minor (4 subjects) + 1 elective subject
5 elective subjects

Bachelor of Business (all other Majors)

Bachelor of Business core subjects (8 subjects) + Other Majors (8 subjects)

Second Major (8 subjects)
2 Minors (2 x 4 subjects)
1 Minor (4 subjects) + 4 elective subjects

Choose one of these options

Legend:

- Cairns Campus
- Townsville Campus
- Study Externally
- Singapore Campus
- Brisbane Campus
- Start Semester 1
- Start Semester 2
Bachelor of Business, majoring in Banking and Finance
✓ Learn skills that will enable you to help businesses thrive
✓ Understand how banking and finance works in a modern global economy
✓ Gain genuine work experience and be work-ready when you graduate
✓ Grasp opportunities to network with experts in their fields who come to JCU as guest lecturers

Overview
Learn about international finance and sustainable economic growth, with a particular focus on the Asia-Pacific region. Explore the different approaches to managing financial institutions including commercial banks, rural cooperatives and microfinance institutions. Enhance your skills through an internship or an independent or multidisciplinary project. Choose to study online (local students only). Broaden your career choices by combining your Major with Economics or International Business.

In addition to the core subjects in this course, the subject topic areas within this Major include:
• Financial Management
• Personal Portfolio Management
• Financial Institutions and Markets
• Risk Management
• Management of Financial Institutions
• Finance of International Trade
• Credit and Lending Decisions
• Treasury Management.

Bachelor of Business, majoring in Business Intelligence and Information Systems
✓ Learn how to integrate the latest IT systems into 21st-century business strategies
✓ Understand how to apply electronic methods to market products and keep in touch with customers and employees
✓ Explore management of technology systems and how to handle unstructured data to help identify, develop and create business opportunities
✓ Gain genuine work experience and be work-ready when you graduate

Overview
Learn skills that will help you launch an exciting and well-paid career in Australia or internationally. Prepare yourself to grasp opportunities in small, medium, large or multinational corporations. Grasp opportunities to network with experts in their fields who come to JCU as guest lecturers.

Specialise and stand out from the crowd by choosing from amazing options - an additional Major, two Minors, one Minor plus four elective subjects, or eight elective subjects. In addition to the core subjects in this course, the subject topic areas within this Major include:
• Fundamentals of Problem solving and Programming
• Interactive Media and Web Technologies
• Database Modelling
• Collective Intelligence and Social Networks
• Enterprise and Information Security
• E-Strategic Management
• Data mining
• Information Security
• Information Processing and Visualisation.

Bachelor of Business, majoring in Economics
✓ Gain local and global economics expertise that employers value
✓ Explore regional issues like natural resources, sustainability, Indigenous perspectives and their policy implications
✓ Study issues specific to the Asia-Pacific region
✓ Prepare yourself for an interesting and well-paid career in banking, accountancy, stockbroking, statistics, auditing, business management and much more

Overview
Choose from a range of elective business subjects that enable you to develop your own interests. Choose to study a Joint degree or double Major. Gain membership of respected professional bodies when you graduate. In addition to the core subjects in this course, the subject topic areas within this Major include:
• Managerial Economics
• Macroeconomic Policy
• Economics and Sustainable Resource Management
• Behavioural Economics for Sustainable Policy
• Economic Growth and Sustainable Development
• Contemporary Economic Policy and Social Welfare
• Cost Benefit Analysis
• Data Collection, Analysis and Interpretation in Economics.
Bachelor of Business, majoring in Financial Management

✓ Learn to create and manage wealth in today’s globalised economy
✓ Get an edge over your peers by studying some of your subjects at JCU’s Singapore campus
✓ Prepare yourself for an interesting and well-paid career in banking, financial planning, fund management, investment banking, stockbroking, financial research and more

Overview
Study different approaches to managing financial institutions like commercial banks, rural cooperatives and microfinance institutions. Broaden your career prospects by combining your Major with Economics or International Business. Choose from a range of elective business subjects that enable you to develop your own interests. Gain membership of respected professional bodies when you graduate. In addition to the core subjects in this course, the subject topic areas within this Major include:

- Financial Management
- Business Modelling
- Personal Portfolio Management
- Risk Management
- Multinational Business Finance
- Advanced Business Modelling
- Cost Benefit Analysis
- Financial Institutions and Markets
- Advanced Business Modelling

Note: Students studying this as a second Major in conjunction with the Accounting Major will have subject overlaps. The following subjects will be removed from the second Major: BX2014, BX2016 and BX3013, however this has been taken into account in your study plan.

Bachelor of Business, majoring in Governance, Business and Society

✓ Learn how to participate in collective decision-making in private and public organisations
✓ Explore creative approaches to managing complex societal issues and how to design robust social policy
✓ Study e-governance
✓ Gain knowledge and skills that equip you for a rewarding career in a government, corporate or not-for-profit environment

Overview
This innovative JCU course will give you genuine work experience, so you can acquire the multidisciplinary skills required to negotiate governance issues that matter in today’s world. In addition to the core subjects in this course, the subject topic areas within this Major include:

- Legal Institutions and Processes
- Governance and Society
- Behavioural Economics for Sustainable Policy, or Collective Intelligence and Social Networks
- Migration, Ethnicity and Belonging, or Australian Indigenous Politics
- Policy Analysis and Management
- Management and Leadership, or Business Negotiation
- Social Marketing
- Power and Protest in a Globalising World, or Asia Pacific Development: Culture and Globalisation.

Bachelor of Business, majoring in Hospitality and Tourism Management

✓ Learn to manage tourism and hospitality businesses, attractions, tours, events and more
✓ Gain qualifications that are valued by employers in the entertainment, restaurant, hotel, events, convention centres, theme parks and youth hostels sectors

Overview
Learn how to delight guests and customers in real-world situations. Discover how to plan and stage events, plan tours, hire, train and supervise staff, manage finances and administration, manage marketing and more. Choose a joint degree or double Major. In addition to the core subjects in this course, the subject topic areas within this Major include:

- Conference and Events Management
- Research and Decision Making for Business
- Tourism and Leisure Management
- Destination Management and Planning
- Hospitality Operations Management*
- Hospitality, Cultures and People*
- Visitor and Crowd Behaviour Management*
- Club and Gaming Management*

*External/online mode only

"I chose JCU because it is ranked highly, in the top two per cent of universities worldwide*, and I believe the teaching quality is excellent. I also wanted the opportunity to experience different cultures while studying. I’ve studied four semesters at the JCU Singapore campus and I am completing my degree at the JCU Townsville Campus. I really enjoy strengthening my language skills and think that interaction with people from different cultures has diversified my thinking.”

Jiarong Chang
China
Bachelor of Business

*Academic World Ranking of World Universities 2017
### Bachelor of Business, majoring in Human Resources Management
- Learn how to hire, promote and develop the right management and staff
- Understand and positively shape people’s behaviours within organisations
- Gain qualifications you can use anywhere in the world
- Enter a well-paid and respected career

**Overview**
Engage with practising HR managers at JCU networking events and through real-world projects. Tailor your course and increase your career prospects by studying specialist areas like Sustainability, International Business, Indigenous Studies or Managerial Economics. In addition to the core subjects in this course, the subject topic areas within this Major include:
- Managing People
- Business Negotiation
- Change Management
- Research and Decision Making for Business
- Employment Relations
- Managing a Global Workforce
- Personnel Economics

### Bachelor of Business, majoring in International Business
- Learn how to assist businesses to identify opportunities to compete in today’s international marketplace
- Study strategic planning, trading, management and negotiation in national and international settings
- Understand how to work successfully with people from diverse cultural backgrounds
- Grasp career opportunities in trade and foreign affairs, marketing, consultancy, logistics, import/export and more
- Gain genuine work experience and be work-ready when you graduate

**Overview**
Prepare to join this exciting and rapidly-growing field. Explore the advantages and challenges of doing business and managing organisations in today’s complex global business environment. Increase your career options by choosing a joint degree or double Major. Gain qualifications that make you eligible for membership of the Australian Institute of Management. In addition to the core subjects in this course, the subject topic areas within this Major include:
- Managing a Global Workforce
- International Business
- International Marketing
- Financial Management
- Business Negotiation
- Strategic Entrepreneurship
- Research and Decision Making for Business
- Operations Management.

### Bachelor of Business, majoring in Management
- Learn to lead businesses and people in today’s competitive environment
- Become skilled at complex problem solving, planning, financial management, negotiation and more
- Meet industry and government professionals and build valuable networks
- In your third year of studies, integrate your management skills in real workplace settings through an internship, independent project or a multi-disciplinary project

**Overview**
Learn about identifying the best people for the job and motivating, developing and directing people as they work towards achieving organisational goals. Benefit from this practical management degree designed in partnership with employers and industries. Tailor your degree to suit your own goals and interests by choosing a second Major, two Minors, or eight elective subjects. High achieving students may be offered the opportunity to complete an additional Honours year. In addition to the core subjects in this course, the subject topic areas within this Major include:
- Managing People
- Management and Leadership
- Operations Management
- Project Management
- Research and Decision Making for Business
- Organisational Behaviour
- Management Accounting for non-Accountants
- Strategic Entrepreneurship.

### Outstanding Alumnus

The annual Outstanding Alumni Awards recognise alumni of James Cook University who have made an outstanding contribution in their field of endeavour at a local, state, national or international level, and celebrate their successes and achievements.

**Deborah Noller**, the College of Business, Law and Governance Outstanding Alumnus winner, was also presented with the Chancellor’s Outstanding Alumnus Award. Ms Noller graduated from JCU in 1989 with a Bachelor of Commerce, Majoring in Computer Science, and is now the CEO and co-founder of Switch Automation, a company which utilises the Internet of Things to collect, process and manage building data. The company began in Sydney in 2005 and has since expanded its presence to include five offices in four countries. The Chancellor Bill Tweddell chose Ms Noller for her success as an entrepreneur, her perseverance in a male-dominated industry and her passion for nurturing talent and mentoring young women in the tech industry.

“I am keen to see the entrepreneurial energy of JCU’s graduates translate into new industries that can create sustainable work and livelihoods in the north,” he said. “Deb Noller, through her own success and mentorship, is showing future generations of leaders how to do that – and that the possibilities are limitless.”

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Bachelor of Business, majoring in Marketing

- Learn skills that lead to an exciting, varied and well-paid career
- Study communication, business development, advertising, media design, social media marketing, market research, business decision making and more
- Select subjects that meet your own career goals
- Meet industry professionals and build valuable networks
- In your third year of studies, integrate your marketing skills in real workplace settings through an internship, or work on an independent project or a multi-disciplinary project

Overview
Learn to plan and manage all elements of marketing in large and small organisations. Study real-life cases on the role of marketing in building profitable organisations. Learn how to effectively use social media marketing strategies. Explore balanced marketing approaches that include economic, social, cultural and environmentally responsible marketing. Apply your skills through industry engagement and practical projects. Choose Professional Experience as an elective, undertake a joint degree or study a double Major. High-achieving students may be offered the opportunity to complete an additional Honours year. In addition to the core subjects in this course, the subject topic areas within this Major include:
- Consumer Behaviour
- Integrated Marketing Communications
- Research and Decision Making for Business
- Sustainable Marketing Management
- Interactive Marketing
- International Marketing
- Strategic Marketing
- Applied Marketing Research.

Bachelor of Business, majoring in Sports and Events Management

- Learn how to manage dynamic Australian and international sports, tourism, trade, conference and entertainment events
- Study at JCU’s Townsville Campus at the centre of north Queensland’s sports, events and tourism calendar, or at our Singapore Campus
- Experience big and small events first-hand
- Study with industry professionals and lecturers who’ll share practical experience as well as theory

Overview
Be part of a career managing amazing events from celebrity sports events to entertainment extravaganzas, trade shows or industry conferences. No two days will be the same in your chosen field! Study the practical management, organisational and leadership skills required to safely create successful large and small events. Visit events and see what happens behind the scenes. Grasp the opportunity to build networks with visiting experts. In addition to the core subjects in this course, the subject topic areas within this Major include:
- Tourism and Leisure Management
- Conference and Events Management
- Project Management
- Sports Management
- Visitor and Crowd Behaviour Management
- Sport and Entertainment Law
- Destination Management and Planning
- Club and Gaming Management.

Tailor your degree to suit your goals and interests by choosing a joint degree, second Major, two Minors, or eight elective subjects. You can choose to study on campus in Townsville and/or Singapore. High-achieving students may be offered an Honours year.

Bachelor of Business and Environmental Science

- Study at JCU, among the world’s most renowned educators in tropical environmental science
- Learn about today’s pressing issues - theories of sustainability, the effects of humans on climate, how to plan and lead sustainable business, environmentally sound practices and much more
- Forge a career where you can lead in managing the delicate balance between profit, policy and conservation
- Build industry networks and gain hands-on, practical experience through JCU’s business and industry links

Overview
Learn the skills needed to help organisations in Australia and internationally reduce their environmental impact. Be valued by employers who need to balance their bottom line while managing environmental impacts. Study in JCU’s world-renowned centres of tropical environmental science. Experience practical fieldwork at the Great Barrier Reef Marine Park, JCU’s Aquarium Complex, Orpheus Island Research Station and more. Grasp a huge range of career opportunities such as aquaculture production, environmental policy making, marine resource management, aquaculture marketing, and business management. Add further Science studies and elective choices - Marine Science, Aquaculture, Environmental Science, Business, Ecology - and give yourself even more career options. In addition to the core subjects in this course, the subject topic areas within this Major include:
- Economics for Sustainable Business
- Business, Environment and Society in the Tropics
- Contemporary Business Communications
- Diversity of Life, or Introduction to Biodiversity, or Introductory Ecology
- Environmental Processes and Global Change
- Human Geography, or Introduction to Sustainability
- Statistics and Data Analysis 1
- Introduction to Environmental Economics
- Accounting for Decision Making
- Marine Ecology and Environmental Assessment.
Clinical Sciences

Bachelor of Clinical Sciences (Honours)

✓ Learn to be innovative and make a difference in healthcare delivery
✓ Study a Clinical Science Honours degree that will equip you to work directly with patients
✓ Gain practical experience working with patients in public hospitals
✓ Hear industry experts share their knowledge

Overview
Clinical Science combines principles of medicine, chemistry, biology and experimental science. It is a healthcare profession that supports the care of patients in hospitals. Teams of clinical measurement scientists focus their patient investigations around cardiac sciences, neurophysiology, respiratory sciences and sleep sciences. Clinical scientists work in hospital laboratories and private practices, and also directly with patients, to assist in diagnosing and fine tuning management of diseases. Clinical Science is a career option where you can really make a difference. When you choose this JCU Honours degree, because of the generalist clinical training of the course, you’ll build a broader knowledge across a wider range of skills. Along with the high-level scientific skills required by urban clinics, you’ll also have the broad capabilities needed to provide services for rural and remote communities.

Note: You’ll require Hepatitis B immunisation, current Queensland First Aid and CPR certificates, a Suitability to Work with Children (Blue Card) and an Australian Federal Police check before undertaking placements.
Creative Arts & Media

Bachelor of Creative Arts and Media

✓ Study in some of the most inspirational locations in the world – situated right near the World Heritage Great Barrier Reef Marine Park
✓ Choose a major area of study from: Photography, Design, Media Arts, and Music, Sound and Moving Image
✓ Flexible blended learning delivery with online lectures and face-to-face tutorial and practical classes
✓ Taught by creative industry specialists and highly-regarded artists
✓ Increase your creative skills and work as a creative specialist
✓ All camera, video, sound, film, photography and sound recording studios provided on campus for students to use
✓ Plenty of electives to up-skill to expand your career goals and employment opportunities
✓ Create your own professional body of creative work (portfolio)

Overview
JCU’s Bachelor of Creative Arts and Media places great importance on giving you opportunities to express your creative talent via practical, career-focused experiences. The course will help you develop your talents through hands-on training and by working with professionals on location and in the studio. To complement the skills you develop in your chosen Major, you will also be able to choose a Minor from a range of courses, including Visual Arts.

High-achieving students may be offered an Honours year.

Bachelor of Creative Arts and Media, majoring in Design

✓ Learn essential skills in design thinking and practice that are vital for a fast changing world
✓ Discover the world of design and the rich history of the designed world - from ancient mapmakers to contemporary data visualisers. Design across many mediums from web to mobile, from graphic to interactive.
✓ Design with intent and develop your own creative vision, and hone your technical skills to transform the physical and digital world in which we live
✓ Learn from JCU’s experienced staff and from visiting industry experts
✓ Collaborate with students across JCU to create exciting designs with real world applications
✓ Prepare for the world of work with design-based internships and placements within the university and with creative industry companies
✓ Explore the world of design and the designed world

Overview
We live in a designed world. As Paul Rand observed “Everything is Design. Everything.” When we look at the world with design intent in mind, the world becomes magical. Instead of seeing all the broken things, we see all the small fragments genius that designers have sweated over to make our lives better.

Design at JCU spans a diverse area of practice and thinking, both focused on human centred design. You’ll master technical skills in digital software that will unleash your creativity. You’ll use design thinking to seek solutions for a better world.

Develop your own design aesthetic. Sharpen your critical thinking and knowledge of design history. Unleash your passion and innovation. Study with experienced designers. Take advantage of the latest tech with our production equipment loan service and computer labs. Collaborate with your peers.

Develop a portfolio of design work across graphic, dynamic, information and interactive design. Experiment with cutting edge digital practices from VR to 3D modelling. Draw on the inter-disciplinary skills of the Creative Arts and Media group and meld design with photography, moving image, sound and media arts. Showcase your work with high impact public exhibitions and in the JCU exhibition spaces.

Immerse yourself in the world of design.

In addition to Creative Work and Professional Practice, study subject topic areas including:

• Creative-Strategic Design
• Digital Graphic Design
• Information and Service Design
• Creative Processes
• Interactive Design.

Enhance your skills by adding a second Major to your core Bachelor of Creative Arts & Media subjects. Choose Media Arts, Photography, or Music, Sound & Moving Image.

“During my internship, I not only learnt a whole lot about my field but I also did lots. I got to understand what it was like to be a professional photographer and have that feeling of urgency. I got to have many new experiences and loved every minute of it.”

Elijah Clarke
Bachelor of Creative Media in Photomedia
Bachelor of Creative Arts and Media, majoring in Media Arts
✓ Prepare to express yourself with a fulfilling creative career in the world of contemporary arts
✓ Take advantage of JCU’s state-of-the-art lighting studios, high-performance computer laboratories, editing suites, 3D printing facilities and video production unit
✓ Exhibit your work at JCU’s eMerge or Lux Art Galleries and with external presentation partners
✓ Experience internships, art projects and creative collaborations with arts professionals at the forefront of contemporary arts. Explore new approaches to drawing and fabrication. Be exposed to proof-of-concept and prototyping processes that are integral to the development of significant contemporary artworks. Discover the emerging context for time and motion through the influence of narrative, expression, and temporality in creative work and contemporary visual culture.
Learn the skills required for a career in media arts working in video production, installation art, animation, screen and moving image production, art festivals, digital visual art, visual production for performance, urban and environmental art, interactive public art and today’s ways of communicating creative concepts with diverse audiences.
In addition to Creative Work and Professional Practice, study subject topic areas including:
• Digital Drawing and Digital Visual Arts
• Screen Production and Direction
• Motion Graphics
• 3D Modelling and Printing
• Experimental Media Arts
• Culture and Collaboration.
Add to your skills with a second Major. Choose Design, Photography, or Music, Sound & Moving Image.

Overview
Study with experienced, influential creative arts professionals at the forefront of convergence in the visual and media arts. Immerse yourself in colour theory, visuality and foundation principles of contemporary art practice. Explore new approaches to drawing and fabrication. Be exposed to proof-of-concept and prototyping processes that are integral to the development of significant contemporary artworks. Discover the emerging context for time and motion through the influence of narrative, expression, and temporality in creative work and contemporary visual culture.
Learn the skills required for a career in media arts working in video production, installation art, animation, screen and moving image production, art festivals, digital visual art, visual production for performance, urban and environmental art, interactive public art and today’s ways of communicating creative concepts with diverse audiences.
In addition to Creative Work and Professional Practice, study subject topic areas including:
• Digital Drawing and Digital Visual Arts
• Screen Production and Direction
• Motion Graphics
• 3D Modelling and Printing
• Experimental Media Arts
• Culture and Collaboration.
Add to your skills with a second Major. Choose Design, Photography, or Music, Sound & Moving Image.

Bachelor of Creative Arts and Media, majoring in Music, Sound and Moving Image
✓ Prepare yourself for a fulfilling career in a whole range of contemporary screen arts fields
✓ Explore digital and computer music technologies to create films and perform music individually and in collaborative work environments
✓ Take advantage 24/7 of JCU’s state-of-the-art recording and sound studios, and specialist software and hardware
✓ Experience internships and creative projects where music and sound are integral elements (some even in your first year of study) that result from JCU’s partnerships with arts and creative industry bodies
✓ Study with experienced, influential screen arts professionals.

Overview
Experience this innovative JCU course. Immerse yourself in learning, experimenting and practising the technical skills required to pursue a career in music and sound recording, film making, animation production, television, music and performance management, conferences and events production, music and theatrical performance, venue production, training and educational technology, online information management, and how to communicate with diverse audiences. Fulfil your dreams of working as a music, sound or moving image artist in your own right, or as a community arts officer, arts administrator, gallery manager, arts education officer, arts retailer or exhibition manager.
In addition to Creative Work and Professional Practice, study subject topic areas including:
• Art Direction
• Video Production
• Cinema Techniques for Visual Communication
• Scripting.
Enhance your skills by adding a second Major to your core Bachelor of Creative Arts & Media subjects. Choose Design, Media Arts or Photography.

Bachelor of Creative Arts and Media, majoring in Photography
✓ Learn the concepts, art and technology behind images that fascinate the world
✓ Prepare yourself for a fulfilling career in photography and digital imagery fields
✓ Take advantage of JCU’s state-of-the-art specialist photographic studios, lighting and photographic equipment, high-end printers and media arts computer laboratories
✓ Experience internships and collaborative projects that result from JCU’s partnerships with arts and creative industry bodies, where photographic digital image making is an integral element
✓ Study with experienced, influential photographic and digital arts professionals.

Overview
“Photography is worth a thousand words”. By studying photography at JCU you will appreciate the veracity of this age-old saying by learning photographic techniques, composition, lighting, high-resolution printing, image processing, visual story-telling, and how to analyse and critique images. You will practice working in professional photographic studios as well as on-location, and prepare yourself for a photographic career in Australia or be empowered to take your skills overseas and work internationally.
In addition to Creative Work and Professional Practice, study subject topic areas including:
• Photographic Genres
• Photographic Critiques
• Composition, Imaging and Lighting
• Visual Narratives.
Enhance your skills by adding a second Major to your core Bachelor of Creative Arts & Media subjects. Choose Design, Media Arts, or Music, Sound & Moving Image.
Dental Surgery

Bachelor of Dental Surgery

✓ Study a highly-respected and accredited five-year JCU Dentistry course that equips you to build a dentistry career in Australia, New Zealand or Canada
✓ Gain real-life experience at JCU’s public dental clinics on campus in Cairns and Townsville
✓ Become work-ready after experiencing more than 2,000 hours of supervised clinical experience in school clinics and rural and remote community health facilities
✓ Enjoy superb teaching facilities and access to researchers as part of JCU’s College of Medicine and Dentistry

IMPACT. ADVENTURE. SKILLS.
Train alongside experienced, supportive professionals. Experience JCU’s broad-based program that includes all aspects of dental practice. Explore issues of concern to northern Australia, particularly those relating to tropical, rural and Indigenous practice. Subject topics include:
• Anatomy and Physiology for Dentists
• Communication Skills for Health Professionals
• Biological Chemistry for Dentistry
• Dental Science
• Health and Health Care in Australia
• Chemistry for the Dental Sciences
• Health Professional Research
• Operative Dentistry
• Health Promotion in Dentistry
• Biological Sciences for Dentistry
• Lifespan Development for Health
• Clinical Dentistry
• Rural and Remote Primary and Public Health Care
• Clinical Practice
  (Comprehensive Oral Care)

With further study you can pursue a dental specialisation and become, for example, an orthodontist, oral and maxillofacial surgeon, or an oral pathologist.

Note: Before undertaking placements you’ll require immunisations, current Queensland First Aid and CPR certificates, a Suitability to Work with Children (Blue Card), and an Australian Federal Police check.

Early application deadline: 31 August 2018

This course requires a special application form see: jcu.edu.au/dthm/forms

"The facilities were brand new, and there was a big focus on rural and remote and underserviced populations. That really appealed to me and the kind of things that I am interested in. I knew there was a lot of work available, so I thought it would be a good experience.

I love the lifestyle. I think more than anything else the people kind of make the place. It’s a bit cliché but they have become my family over the last two years."

Ryan See
Canada
Bachelor of Dentistry

JCU Cairns has a $75 million dental teaching complex.

Clinical simulation laboratory.
Bachelor of Education (Early Childhood Education)

- Learn to deliver high quality education and care to children aged from birth to eight years and throughout the primary school years
- Build a rewarding career in schools, prior-to-school centres and other jobs in the Early Childhood field
- Benefit from extensive professional experience opportunities
- Understand the opportunities and challenges of teaching in regional, rural, remote and Indigenous communities
- Obtain first-hand experience of the benefits of community and industry engagement

Overview
Participate in a rich variety of professional teaching experiences, including 100 days of professional experience in prior-to-school (birth - 2 and 3 – 5 year old) and school settings. Experience JCU’s focus on improving education for Indigenous children, and on education for sustainability. Subject areas include:
- Foundations of Education
- Sustainability in Education
- Early Childhood Language and Literacy
- Early Childhood Education and Care 1 and 2
- Early Childhood Mathematics and Numeracy
- Technologies for Early Childhood Education
- Educational Psychology
- Teaching ESL (English as a Second Language) to Indigenous students
- Indigenous Australian World Views 1: Survival, Identity and Cultural Diversity
- Indigenous Futures
- Education for Cultural Diversity
- Teaching ESL to Indigenous Students
- Health and Physical Education for Early Childhood
- Arts Education for Early Childhood
- Science Education for Early Childhood.

Notes
1. In their final year of study, all students are required to attend a compulsory five day on-campus intensive Professional Orientation Program at either Cairns or Townsville campus.
2. Students must apply for a Blue Card (Suitability to Work with Children) as soon as they have accepted their offer.
3. Students will need to specialise in a content area.

Bachelor of Education (Primary)

- Benefit from extensive practical teaching experience opportunities throughout your training
- Equip yourself to embrace the opportunities and challenges of teaching in Indigenous, regional, rural and remote communities

Overview
Build a satisfying career as a teacher delivering high quality education to children aged from six to 12 years. Grasp opportunities to contribute as a teacher in Indigenous, rural and remote communities. Participate in a rich variety of professional teaching experiences including 80 days of professional experience in a variety of workplaces and, towards the end of your degree, internships in a school or service learning* in a local or overseas community organisation. Choose to focus on Primary Education, Primary Inclusive Education or Primary Health and Physical Education. Core subject topics (Levels 1 to 4) and options include:
- Foundations of Education
- Language and Literacy in Education
- Technologies for Primary School
- Educational Psychology
- Mathematics and Numeracy in Education
- Health and Physical Education for Primary School
- English Education for Primary School
- Education for Cultural Diversity
- Linking Indigenousness or Indigenous Australian World Views 1: Survival, Identity and Cultural Diversity
- Arts Education for Primary School
- Inclusive Education for Special Needs
- Teaching ESL to Indigenous Students
- Sustainability in Education
- Effective Writing
- Children’s Literature
- Digital Storytelling

Notes
1. In their final year of study, all students are required to attend a compulsory five day on-campus intensive Professional Orientation Program at either Cairns or Townsville campus.
2. Students must apply for a Blue Card (Working with Children) as soon as they have accepted their offer.
3. Students will need to specialise in a content area.

*Service learning is a collaborative relationship between the community and the classroom that equally prioritises student learning and community service.
Bachelor of Education (Secondary)

✓ Study for a career that enhances your abilities to inspire and educate, while preparing young people for their further education and adult life
✓ Gain qualifications that place you at the forefront of education for sustainability — with your own project and 50 hours of work experience in an approved organisation
✓ Participate in service learning projects and help a local or overseas community
✓ Equip yourself to embrace the opportunities and challenges of teaching in Indigenous, regional, rural and remote communities — and benefit from generous financial incentives

Overview
Build a satisfying career as a teacher, inspiring and delivering high-quality education in two curriculum areas, for example, English and Geography, English and Mathematics, Accounting and History, Chemistry and Biology or a number of other combinations. Have the option to use your qualification in alternative careers in education management, government departments or community development.

Participate in a rich variety of professional teaching experiences including 80 days of professional experience and, towards the end of your degree, internships in a school or service learning* in a local or overseas community organisation. Core subject topics and options include:
• Language and Literacy
• Mathematics and Numeracy in Education
• Sustainability Education
• Technologies Across the Curriculum
• Educational Psychology
• Education for Cultural Diversity
• Teaching ESL to Indigenous Students
• Indigenous Futures
• Service Learning for Sustainable Futures
• Health and Physical Education.

* Service learning is a collaborative relationship between the community and the classroom that equally prioritises student learning and community service.

Notes
1. All students are required to attend a compulsory five day on-campus intensive Professional Orientation Program in their final year of study
2. Not all subjects are available at JCU’s Cairns Campus.
3. Students must apply for a Blue Card (Working with Children).
Engineering

Bachelor of Engineering (Honours)

✓ Learn the skills employers want – engineering, communication, critical thinking and leadership
✓ Participate in industry placements and gain genuine skills that give you an edge in the job market
✓ Achieve an Honours degree with a Major of your choice

Overview
A JCU Engineering degree gives you the skills needed to solve real-world problems and design and develop innovative products. It gives you the qualifications required for a career in Australia, USA, UK, Canada, Ireland, Hong Kong, Japan, Malaysia, New Zealand and South Africa.

Bachelor of Engineering (Honours), majoring in Chemical Engineering

✓ Participate in this respected and practical four-year Honours degree that is accredited and will qualify you to build a career in Australia, USA, UK, Canada, Ireland, Hong Kong, Japan, Malaysia, New Zealand and South Africa
✓ Become a leader in researching and developing new technologies, processes and products that help to solve current world problems
✓ Learn to develop safe, efficient and ethical processes to convert raw materials into useful products
✓ Participate in genuine industry placements that will help you build networks and give you an advantage when you’re ready to start work
✓ Grasp opportunities to contribute to locally important design and research projects

Overview
Gain Chemical Engineering qualifications that will equip you to forge a career in specialist fields like environmental health and safety, healthcare, manufacturing, energy, minerals, water and wastewater treatment, pharmaceuticals, petrochemicals, food processing, biotechnology, electronic and advanced materials, and much more. In your final year, work on a thesis and design a full-scale processing plant.

Learn the skills to make a difference in your world by being a leader in:
• Improving food processing techniques and methods of producing fertilisers, to increase the quantity and quality of available foods
• Developing methods to mass-produce medicines, making them more affordable
• Creating more efficient methods of refining minerals, making energy and chemical sources more productive and cost effective
• Developing solutions and remediation to environmental pollution problems
• Processing chemicals which are used to make or improve just about everything you see around you.

Major subject topics include:
• Chemistry: A Central Science
• Process Analysis
• Chemical Engineering Thermodynamics
• Reactor Design
• Mass Transfer Operations
• Fluid Mechanics
• Heat and Mass Transfer
• Safety Environment and Sustainability in the Process Industries
• Chemical Engineering Design
• Minerals and Solids Processing
• Bioprocess Engineering.

Select one Minor topic such as Sustainability, Mining and Minerals Mathematics, Physics, Software, Infrastructure and Planning, Intelligent Systems, Materials and Mechanical Design, or Water and Waste Water. You can also choose to study a Joint degree.

“There is so much support here at JCU. My lecturers are really helpful, and they are free to talk to you whenever you need help. When you pass them in the hallway, they know you by name, which is nice as you don’t feel like just a number.”

Lorraine Edo
Papua New Guinea
Bachelor of Engineering (Honours)
Bachelor of Engineering (Honours), majoring in Civil Engineering

✓ Qualify to work in important 21st century careers - community development, disaster recovery, roads, railways, dams, harbours, water supplies, bridges, residences, public buildings and much more
✓ Participate in this practical four-year Honours degree that is accredited and will qualify you to build a career in Australia, New Zealand, and throughout Europe, North America, Asia and South Africa
✓ Participate in field trips, group projects, and laboratory and design work
✓ Grasp opportunities to take part in vacation employment and start to build networks that give you an advantage when you're ready to start work
✓ In your fourth year of study, have the chance to work on your thesis while being sponsored by industry, or on a project that suits your current and important research projects

Overview
Help make our cities, suburbs, towns and countryside better places to live. Learn how to design timber, steel and concrete structures. Study with leading professional engineers. Meet visiting industry professionals and learn from experts in their fields. Study core subjects such as:
• Catchment, Stream and Lake Engineering
• Geotechnical Engineering
• Structural Analysis and Design
• Mechanics and Geology
• Design of Steel and Concrete Structures
• Transportation Engineering
• Fluid Mechanics
• Foundation Engineering and Rock Mechanics
• Hydraulic and Coastal Engineering
• Civil Engineering Design.

Select one Minor that interests you such as Sustainability, Mining and Minerals, Mathematics, Chemistry, Physics, Software, or Infrastructure and Planning.

You can also choose to study a Joint degree.

Bachelor of Engineering (Honours), majoring in Electrical and Electronic Engineering

✓ Study topics that affect almost every sector of society - from heavy power generators to tiny computer chips
✓ Learn the scientific and mathematical principles required to design, build, fault find, analyse and control all things electrical
✓ Work on a Major engineering project that will give you practical experience of advanced field, computer and laboratory techniques, and how to resolve a genuine engineering problem
✓ Meet industry professionals and start to build networks that give you an advantage when you're ready to start work
✓ Gain the practical experience that results from JCU’s close professional relationships with the telecommunications, power utilities, mines and mills industries of northern Queensland

Overview
Start your studies getting a firm grasp of the fundamentals - Engineering, Computing, Process Engineering, Mathematical Techniques, Physics and more. Experience JCU’s world-class tools and facilities. Progress to explore topics that will expand your career options:
• Electronics
• Electromagnetism Optics and Thermodynamics
• Power Engineering
• Digital Signal Processing
• Automatic Control Systems
• Engineering Project Management
• Electrical and Electronic Engineering Design
• Asset Management, Maintenance and Reliability.

From Year 2 select Minors that reflect your interests such as Sustainability, Mining and Minerals, Mathematics, Chemistry, Physics or Software.

Make yourself even more employable by choosing to study a Joint degree.

Bachelor of Engineering (Honours), majoring in Electronic Systems and Internet of Things

✓ Join an elite group of JCU Engineering Honours graduates who have the expertise to apply state-of-the-art technologies to solve a whole range of technology and interconnectivity problems - today and in the future
✓ Learn the skills required in every imaginable field of industry, work, study and everyday life
✓ Develop your entrepreneurial abilities
✓ Be a leader in intelligent embedded system design, smart healthcare, smart vehicular networking, precision agriculture, smart cities, environmental and ecological monitoring, mining and smart manufacturing, security and disaster management, home automation – and new technologies that haven’t yet been thought of

Overview
Study with JCU’s skilled and passionate technology and electronics experts. Learn the skills needed in areas like urban transport, medical devices, household appliances, wearable technologies, home electronics, cars, heart monitoring implants and a whole lot more. Study subject topics including:
• Sensor Technologies
• Big Data Analytics
• Wireless Communication and Mobile Computing
• Networking and Data Communications
• Cloud Computing
• Computing for Engineers
• Electric Circuits
• Digital Signal Processing
• Information Security.

From Year 2, select Minors that reflect your special interest, such as Software or Physics.

You can also choose to study a Joint degree.
Bachelor of Engineering (Honours), majoring in Mechanical Engineering

Gain Engineering (Honours) qualifications that are accredited and sought after by employers in Australia and internationally.

Learn the technical and problem-solving skills required to design, build and improve systems and machinery for industrial, public and domestic applications.

Have fun while you study: work on a four-year Formula SAE Race Car design project.

Grasp the chance to do 12 weeks of paid practical work experience.

Use JCU’s professional industry networks to set up holiday work placements, gain genuine experience and start building networks.

Overview
Get the skills required for a career in industries as diverse as mining, minerals processing, chemical processing, pharmaceuticals, manufacturing, oil and gas, automotive, aviation, aerospace, bulk handling, communications, health, building, electrical power generation and distribution, water and waste, natural gas distribution, road transport, rail transport, shipping, shipbuilding, defence, agriculture, forestry, fishing and food processing - the list goes on. Or use your skills to start a business of your own.

Work on increasingly complex mechanical design projects. Learn about the application of advanced computer techniques. Gain professional experience while working collaboratively on interesting projects. Finish your studies with an extensive thesis project that will give you a chance to showcase your original field of research and innovation.

Begin Year 1 of your Bachelor of Engineering (Honours) studying the same subjects as Engineering students from all streams. Core subjects from Year 2 to Year 4 include:

- Engineering Strength of Materials
- Fluid Mechanics
- Machine Element Design
- Dynamics and Acoustics
- Heat and Mass Transfer
- Advanced Manufacturing Engineering
- Mechanical Design
- Asset Management, Maintenance and Reliability
- Mathematical Techniques.

From Year 2, select one Minor that interests you such as Sustainability, Mining and Minerals, Mathematics, Chemistry, Physics, Software or Intelligent Systems.

Make yourself more employable! Choose to study a Joint degree.

JCU’s industry partnerships can benefit you. This is just one example…

- The JCU-Huawei Internet of Things (IoT) Laboratory boasts cutting-edge expensive narrowband (NB)-IoT equipment which is the first of its kind housed by a university in the world.
- Huawei Technologies will offer internship and industry project opportunities to JCU IoT students.
- Huawei is committed to transform the JCU Cairns campus into an IoT-based smart campus in the longer term, which will be a mini version of a smart city.

Huawei Technologies is the world’s largest multinational company specialising in telecommunications equipment. It supplies nearly all the mobile base stations for Vodafone Australia, and roughly 50 per cent for Optus.
Environmental Practice

Bachelor of Environmental Practice

✓ Explore Coastal and Marine Management to understand interactions of people and communities at the coastal fringe, and on the oceans and marine habitats
✓ Gain practical skills that are valued by mining corporations, environmental consultants, government departments, renewable energy industries, and heritage groups
✓ Build a career that makes a difference in your world
✓ Discover answers to complicated environmental problems
✓ Manage the provision of fresh water and other essentials for rapidly growing cities
✓ Design sustainable and green urban places

Overview/highlights
Be part of JCU’s internationally acclaimed science community. Take your place among the experts who will be called on to solve the great sustainability challenges facing the world. Benefit from JCU’s amazing facilities and tropical location, which enable you to explore the World Heritage Great Barrier Reef Marine Park, study on board JCU’s research vessels, and participate in genuine research onsite at coral reefs, islands, sea grass beds, and mangroves. Choose from five Majors - Biodiversity Assessment and Management, Corporate Environmental Management, Urban Environments and Landscape Design, Coastal and Marine Management, or Land and Water Management. Qualify to work in amazing roles in government departments, environmental consultancy, renewable energy industries, tourism businesses, heritage groups, mining corporations, local governments, and non-government organisations, or establish your own company to work with stakeholders and clients. Core subjects you’ll study include:
• The Environmental Professional
• Solving Wicked Environmental Problems
• Modelling Natural Systems
• Geographic Information Systems
• Environmental Management, Policy and Governance
• Project Management
• Environmental and Social Impact Assessment.

“The field trips and the practical experience I gained throughout my degree were amazing. I loved it. We did field trips to the rainforest, the beach, and the Tablelands region. I also selected a block subject where we travelled to Phuket, Thailand, to study the impacts of overfishing on the ecosystems around Phuket.

Choose subjects that you are interested in, but also make sure you are studying subjects that build on your employability skills. Geographic Information Systems (GIS) is a great example of this. It is applicable for many different industries and I believe I am a lot more employable as I focused on ensuring I built my GIS skills throughout my degree.”

Kaya Asdal
Norway
Bachelor of Environmental Practice
Geology

Bachelor of Geology

✓ Study the ONLY Bachelor of Geology offered in Australia – and one of the top three Geology programs in Australia
✓ Gain professional qualifications and the practical experience that employers value
✓ Participate in current geological research projects through JCU’s on-campus Economic Geology Research Unit (EGRU)
✓ Be part of JCU’s close-knit discipline with student clubs, social events and numerous opportunities to meet experts in their fields

Overview
Here’s your chance to study JCU’s internationally-recognised Bachelor of Geology while living in one of the most diverse, pristine earth science settings on Planet Earth, in an area with largely unexplored geology. Enjoy a balance of classroom theory and getting your hands dirty on site, doing practical fieldwork, and studying spectacular rocks and minerals in amazing Queensland locations. Hear public sector researchers, industry professionals and corporate experts share their knowledge on Economic Geology. Among your subject topics are:

• Environmental Processes and Global Change
• Evolution of the Earth
• Geological Mapping
• Geographic Information Systems (GIS)
• Structural Geology and Tectonics
• Minerals and Magmas
• Earth Resources, Exploration and Environment.

1 = First year only

Field trips are an important part of JCU’s Geology course.
Information Technology

Overview
Explore Cyber-Security, Networking, Interactive Visualisation, Big Data and Data Science, Games Design, Interactive 2D and 3D Graphics, Web Technologies, Mobile Technologies, Programming and a whole lot more emerging and existing technologies. Experience JCU’s computer laboratories, with specialist facilities for software engineering, computer science, networking, multimedia/game design and programming. Core Major subject topics include:

- Problem Solving and Programming
- Design Thinking
- Internet Fundamentals
- Network Security
- Information Processing and Visualisation
- Business Intelligence
- Data Mining
- Information Security
- Mobile Computing
- Collective Intelligence and Entrepreneurship
- Content Management Systems
- Web Design and Development
- Preparatory Mathematics or Mathematical Foundations.

Add to your career options by choosing optional Minors including JCU’s exclusive, industry-leading course Internet of Things, or Computer Science and Networking (external), or Human Computer Interaction and Games Design (external). Alternatively, explore other IT career pathways by customising your own Minor to complement your Bachelor of Information Technology degree.

You can also choose to study a Joint degree.

“My favourite part about the course is that we get to create projects that have real-world applications and these can contribute to my portfolio. The programming subject is awesome, and I have created so many Android apps using Java. For my assignments, I’ve built many websites that address actual issues.”

Srishti Jindal
India
Bachelor of Information Technology

LEGEND
Bachelor of Laws/Bachelor of Laws (Graduate entry)

✓ Make a difference in your world – undertake a JCU law degree to provide you with the skills and knowledge for contemporary legal practice.
✓ Enhance your career options by studying this highly-respected four-year undergraduate degree, or add a JCU Law (Graduate Entry) degree to your existing qualification with just three more years of study.
✓ Get a great start with our award winning and innovative First Year Experience in Law program which introduces you to the foundations of law and prepares you for the study of law in a supportive environment.
✓ Benefit from authentic learning that results from JCU’s strong community links and support from the legal profession and judiciary in northern Queensland, many of whom teach the law program.

Overview
Explore contemporary issues, the latest research and new ideas across diverse areas of the practice and application of the law, with academics and legal professionals who are leaders in their fields of expertise. Gain an understanding of the significance of the law to stable government, economic prosperity, and the protection of individual and cultural rights.

Our First Year Experience Program offers you subjects that focus on the contemporary practice of the modern lawyer. Learn a range of skills transferable across any career such as problem solving, resilience, conflict resolution, and emotional intelligence.

Our flexible elective program allows you to undertake subjects in block, intensive and online modes allowing you to complete your degree faster. The refreshed program has grouped the elective subjects across three streams: sustainability, social justice, and governance. In this way you can tailor your studies to follow your particular passion or study across the extensive range of electives for a broader understanding.

Engage with local professionals through our Work Integrated Learning (WIL) program. JCU Law has one of the longest running regional clinical programs, in which students spend one day a semester working under supervision with experienced lawyers providing legal advice and assistance to people who may not otherwise be able to access justice.

Join our Law Student Societies and attend functions and events, networking with lawyers and other professionals who are working within the legal industry. In your final year you have the opportunity of ‘one on one’ mentoring with a local legal practitioner.

Among the areas you can study are:
• Criminal law
• Human rights law
• Public International law
• Health law
• Commercial law
• Company and partnerships law
• Family law.

An Honours degree option is available for high-achieving students who wish to pursue research or academic careers.

Note: To complete the requirements to practise as a lawyer in Australia, after graduation you must complete an approved practical legal training course or undertake a traineeship at a legal firm.

Cairns City Campus has North Queensland’s first ‘moot court’ and e-court facilities providing practical training for law students.
Marine Science

Bachelor of Marine Science

It’s your choice: Marine Science or Marine Biology?

If you want to focus on physical, chemical and geological oceanography, then you should choose Marine Science. If your interest is more in the fauna and flora of the oceans, then Marine Biology is for you. Marine Biology is a Major in the JCU Bachelor of Science degree.

✓ Grasp the opportunity to qualify at JCU, one of the world’s leading Marine Science universities, where new ground is continually broken
✓ Research, work with and learn from JCU’s internationally recognised staff, six of whom are among the world’s top 10 coral reef biologists
✓ Take part in genuine Marine Science projects by volunteering to work on a JCU postgraduate project
✓ Apply to participate in the International Exchange Program and grasp the opportunity to study distinctive marine habitats in other parts of the world

Overview

Make a difference in your world and qualify for a fulfilling career in conservation policy, environmental management, environmental impact assessment, tourism, education (with additional studies) – and more. Study with JCU’s leading experts and gain a Marine Science qualification that’s highly-regarded around the world. As you study, use up-to-the-minute research and real data and explore:

• Strategies to preserve marine environments
• Managing human impacts on marine environments
• Protecting Australia’s marine reserves
• Safeguarding the oceans – the world’s largest natural resource

Benefit from JCU’s amazing Marine Science facilities and tropical location, which enable you to:

• Explore the World Heritage Great Barrier Reef National Park
• Study aboard JCU’s research vessels
• Learn at JCU’s Orpheus Island Research Station and the Aquarium Complex
• Participate in genuine research onsite at coral reefs, islands, sea grass beds and mangroves.

Core subjects and topics you can choose to study include:

• Environmental Processes and Global Change
• Managing Coastal and Marine Environments
• Fisheries Science
• Geographic Information Systems
• Physical Oceanography
• Evolution of the Earth
• Coral Reef Ecology
• Conserving Marine Wildlife
• Functional Biology of Marine Organisms
• Science, Nature, Knowledge and Understanding
• Modelling Natural Systems
• Marine Ecology and Environmental Assessment
• Sedimentology
• Wetlands and Estuarine Ecosystems
• Electromagnetic Phenomena.

“When I’m not in the field, I spend quite a lot of my time in the Science Place. It’s an awesome new building that I feel lucky to have access to. The labs always have everything we need, and it’s easy to find quiet corners of the building to study in.”

Sanna Persson
Sweden
Bachelor of Marine Science

JCU Townsville’s Science Place houses a stunning saltwater tank in the foyer so that students can see a snapshot of what the Great Barrier Reef has to offer.
Medical Laboratory Science

Bachelor of Medical Laboratory Science (Honours)

✓ Australian Institute of Medical Scientists Accredited degree
✓ Achieve a respected JCU qualification that can lead to a career in a hospital or pathology laboratory, in veterinary diagnostics, forensic science, food and water quality testing, pharmaceuticals or toxicology
✓ Learn the skills to help in the diagnosis, treatment and prevention of disease
✓ Hear expert industry speakers and build professional networks
✓ Grasp opportunities for exciting clinical placements - including in Papua New Guinea
✓ Benefit from JCU’s Work-Integrated Learning programs within hospitals and laboratories

Overview
Your JCU studies will prepare you to meet the current demand for professionally qualified scientists to work in public hospitals, private and government pathology laboratories. You’ll be at the forefront of rapidly advancing scientific discoveries in a career that will constantly grow and diversify when you choose to study JCU’s highly sought-after and fully accredited (Australian Institute of Medical Scientists) degree. JCU’s cutting-edge laboratories and field-leading lecturers will make your studies a pleasure. Subject topic areas include:
• Chemistry
• Biochemistry
• Molecular Biology
• Anatomy
• Physiology
• Pathophysiology
• Microbiology and Infectious Diseases
• Immunology
• Haematology
• Clinical Biochemistry
• Histology and Cytology
• Laboratory Management
• Health and Health Care in Australia.

Flexible Entry
JCU offers flexible entry into this sought-after degree. So if you hold level 1-3 in the Bachelor of Biomedical Sciences, or you have relevant experience in medical technology, you’re welcome to apply. JCU will make every effort to accommodate you in the Bachelor of Medical Laboratory Science (Honours).

Note
You’ll require Hepatitis B immunisation, current Queensland First Aid and CPR certificates, a Suitability to Work with Children (Blue Card) and an Australian Federal Police check before undertaking placements.

You’ll benefit from JCU’s work-integrated learning programs within hospitals and laboratories.
**Bachelor of Medicine, Bachelor of Surgery**

**IMPACT:** Make a difference. Be part of addressing health and social inequity. Work with, for and among underserved populations. Be a champion of change. Address social and environmental determinants of health. Be like the people you admire. Be taught by and inspired by your heroes. Study, work and make friends with people who share values and interests. Inspire and lead others. Work hard doing things that matter.

**ADVENTURE:** Study and work in fascinating and exotic locations. Enjoy variety. Test yourself and rise to the challenge. See the world. Have life-changing cultural experiences. Tell amazing stories. Enjoy the company of like-minded people on a study and career journey. Excite and inspire others.

**SKILLS:** Equip yourself for any situation. Be work-ready. ‘Do it all’ as a generalist. Be confident and adaptable. Enjoy being good at what you do. Apply skills in a variety of locations: rural, remote, regional and urban. Benefit from the reputation that JCU graduates have earned. Apply your skills with confidence to real problems in the real world.

Work with professionals who are informed by concern for social justice, innovation and excellence in medical education, research and service.

Experience clinical practice from your first year of this six-year full-time undergraduate degree.

Grasp opportunities to participate in placements in rural and remote communities or international locations.

**IMPACT. ADVENTURE. SKILLS.**

Learn at JCU’s medical precinct opposite The Townsville Hospital, the largest teaching hospital in regional Australia, and gain experience in multiple northern Queensland clinical campuses. Study in small groups. Gain expertise across diverse clinical and biological fields including anatomy, infection control, disease prevention and control, biochemical processes, health promotion and medical ethics. Learn to diagnose and treat human injuries and disease, and to prescribe medications and treatments to promote or restore good health. Study the distinctive needs of northern Australia’s tropical populations. Understand the medical experiences and facilities in Aboriginal and Torres Strait Islander communities.

An Honours degree option is available for high-achieving students who wish to pursue research or academic careers.

**Note:** Before undertaking placements you require immunisations, current First Aid and CPR certificates, a Blue Card (Work with Children), and an Australian Federal Police check.

**Early application deadline: 31 August 2018**

This course requires a special application form see: jcu.edu.au/dthm/forms
Nursing

Bachelor of Nursing Science

✓ Study JCU’s unique Nursing degree with its distinctive rural, regional and tropical focus
✓ Learn how to assess clients, communicate with people from diverse cultural backgrounds, plan and implement nursing interventions, and to manage and evaluate nursing care
✓ Benefit from 880 hours of supervised professional practice and clinical experience (starting from Year 1) in a wide variety of acute and community health settings, providing a smooth transition from university to the clinical workplace
✓ Grasp opportunities to work closely with Aboriginal and Torres Strait Islander communities
✓ Be taught by JCU’s active researchers and clinical teachers
✓ Benefit from JCU’s recognition as the Centre for Nursing and Midwifery Research, and the University’s role as the World Health Organisation’s Collaborating Centre for Nursing and Midwifery Education and Research Capacity Building
✓ Make a difference to patients, their families and communities.

Overview
JCU offers students a supported path into a dynamic, satisfying, well-paid and respected nursing career in a range of settings. This accredited and respected course has been carefully designed to give students a contemporary Australian nursing education built on a strong connection between theory and clinical practice. The transition to clinical practice is supported by problem- and case-based learning, well equipped clinical simulation facilities and 880 hours of applied clinical practice. The course has a strong focus on nursing in our northern tropical context and prepares students for work in diverse settings, from large metropolitan hospitals to rural and isolated practice clinics. The course includes content areas such as:

• Professional and Clinical Nursing Practice
• Communication
• Indigenous Health Studies
• Law and Ethics
• Working with Vulnerable Population Groups
• Mental Health
• The Australian Healthcare System
• Anatomy, Physiology, Pharmacology and Biochemistry
• Evidence-based Practice and Research
• Overseas Placement Elective Experience (optional)
• Graduate Transition to Practice.

Note: Before undertaking placements you’ll require immunisations, current First Aid and CPR certificates, a Suitability to Work with Children Card (Blue Card), and an Australian Federal Police check.

Hands-on experience continues throughout your medical degree.
Occupational Therapy

Bachelor of Occupational Therapy (Honours)

✓ Learn clinical skills at JCU’s own Occupational Therapy Clinic
✓ Develop specialist knowledge and skills in rural and remote health service provision
✓ Grasp international study exchange opportunities
✓ Make friends and have fun in northern Queensland’s beautiful tropical environment

Overview
If you love working with people, JCU’s four-year full time Bachelor of Occupational Therapy (Honours) course could be an excellent choice for you. Occupational therapy is a client-centred career option with job opportunities in a variety of settings such as public and private hospitals, rehabilitation units, community health centres, educational settings, independent living centres or in private practice. You will learn the theory, practice and management skills required to help people improve their health and wellbeing through everyday activities and occupations. And there will be many opportunities to gain experience working with clients in a range of rural and urban locations through at least 1,000 hours of placements.

Examples of subjects you will study within the program include:
• Introduction to Occupation and Occupational Therapy
• Enabling Occupation through Partnerships
• Health Promotion for Health Professionals
• Anatomy and Physiology for Rehab Science
• Communication Skills for Therapy
• Clinical Medicine for Therapy
• Enhancing Practice Capabilities
• Rural and Remote Primary and Public Healthcare
• Health Law and Ethics
• Health Policy and Planning
• Advancing Professional Practice.

Note: Before undertaking placements you will require immunisations, current First Aid and CPR certificates, a Suitability to Work with Children Card (Blue Card), and an Australian Federal Police check.

“The lecturers are all amazing. Their passion makes us really want to learn. Studying is not only about books, but about real life. The lecturers share their experiences with us and are very knowledgeable.

We can’t learn everything from a book, so going on placements is really important. During my last placement, I had opportunities to assist in conducting vocational-related assessments and home assessments, and developing intervention plans accordingly. I met a lot of people and learnt about their health, life, conditions and how that impacts on their capacity to work. Placements help us to become ready for the workplace.”

Deffy Tsang
Hong Kong
Bachelor of Occupational Therapy (Honours)
Bachelor of Pharmacy

✓ Gain qualifications in JCU’s highly regarded course, which has the highest rating for course quality in Australia
✓ Be assured of excellent employment prospects in a wide variety of healthcare settings
✓ Learn to counsel patients on medications and symptoms
✓ Experience up to 600 hours of placements in rural, urban and under-serviced communities
✓ Enjoy superb teaching facilities and access to researchers as part of JCU’s College of Medicine and Dentistry

Overview
Experience clinical placement from your first year of studies and be job-ready when you graduate. Core subjects include:

• Biochemistry and Microbiology
• Chemistry: A Central Science
• Health and Health Care in Australia
• Human Anatomy and Physiology
• Pharmacy Practice and Pharmaceutical Sciences
• Principles of Biochemistry for Pharmacy Students
• Rural and Remote Primary and Public Health Care
• Integrated Metabolism and Nutrition for Pharmacists
• Infectious Diseases and Immunology for Pharmacists
• ENT, Eyes and Respiratory Pharmacy
• Cardiovascular and Renal Therapeutics for Pharmacists
• Nervous System and Mental Health for Pharmacists
• Endocrine and Reproductive Pharmacy
• Oncology, Haematology and Toxicology for Pharmacists.

An Honours degree option is available for high-achieving students who wish to pursue research or academic careers.

Note: Before undertaking placements you’ll require immunisations, current First Aid and CPR certificates, a Suitability to Work with Children Card (Blue Card), and an Australian Federal Police check.
Bachelor of Physiotherapy

✓ Gain practical experience working in Indigenous, rural and remote communities
✓ Complete more than 30 weeks of supervised clinical placements
✓ Grasp the opportunity to complete an international placement
✓ Enjoy a course that consistently reports huge student satisfaction
✓ Work on campus at JCU’s Health Musculoskeletal Physiotherapy Clinic

Overview
Succeed in your studies with the help of a personal mentor from Year 1 of your studies. Study evidence-based physiotherapy practices and ethical principles. Learn to diagnose human movement disorders. Gain professional experience in planning and administering treatment programs to restore function or minimise dysfunction after sickness or injury. Study science, anatomy, physiology, analysis of human movement, manual therapy and exercise for rehabilitation. Explore public health subjects that could add to your career options. Subject topic areas you’ll study include:
• Anatomy and Physiology for Physiotherapy
• Communication Skills for Health Professionals
• Health and Health Care in Australia
• Health Promotion for Health Professionals
• Neuroscience in Physiotherapy
• Clinical Medicine for Therapy
• Complex Cases in Rural, Remote and Indigenous Communities
• Physiotherapy Health Law and Ethics
• Health Policy and Planning.

Note: Before undertaking placements you’ll require immunisations, current First Aid and CPR certificates, Suitability to Work with Children Card (Blue Card), and an Australian Federal Police check.

An Honours degree is available for high-achieving students who wish to pursue research and academic careers.

Early application deadline: 30 September 2018

This course requires a special application form see: jcu.edu.au/dthm/forms

JCU has an on-campus Musculoskeletal Physiotherapy Clinic.
Planning

Bachelor of Planning

✓ Make a positive difference in your world
✓ Study JCU’s internationally-recognised Bachelor of Planning and forge a career in Australia or anywhere in the world as a policy maker, impact assessor, environmental planner, urban designer, adviser to regional development organisations or land trusts for Aboriginal and Torres Strait Islander communities
✓ Learn to manage the many planning challenges related to our World Heritage listed Tropics, rainforests, Great Barrier Reef and growing cities
✓ Grasp opportunities to gain genuine work experience and build networks in local authorities, state government departments, non-government organisations or private consultancies

Overview
Learn from JCU’s experienced experts how to plan and shape functional cities, thriving regions and healthy urban environments, with better social/lifestyle, environmental and economic wellbeing. Qualify for membership of the Urban and Regional Chapter of the Planning Institute of Australia. Included among the many core subject topic areas and Minor options are:

• Environmental Processes and Global Change
• Urban Geography and Design
• Population Geography and Demography
• Australian Landscape Processes and Evolution
• Human Geography
• Environmental and Regional Planning
• Indigenous Environmental Management
• Economic Growth and Sustainable Development
• Environmental and Social Impact Assessment
• Natural Hazards
• Planning for Sustainable Communities in a Changing Environment
• Planning Legislation and Professional Practice
• Design Communication
• Native Title and Land Use Planning
• Disasters, Communities and Planning.
Bachelor of Psychological Science

✓ Comprehensive, accredited program for the study of human behaviour
✓ Some of the smallest tutorial sizes in Australia
✓ Opportunity to transfer between the Australian campuses and Singapore
✓ Pathway into a fourth-year program (Honours or Graduate Diploma of Psychology)

Overview
Learn to benefit individuals and society as a result of your studies of human behaviour, relationships, mental functions and social processes. Explore current concepts and historical developments in psychology. Study the methods and ethics of scientific investigation and evidence-based practice. Experience the benefits of studying within some of Australia’s smallest tutorial classes. Some subject topic areas include:
• Behavioural Research Design and Analysis
• Memory and Cognition
• Cognitive Neuroscience
• Environmental Psychology
• Psychopathology
• Intercultural Psychology
• Social Psychology.

Graduates of this course, who wish to become fully registered as psychologists, must complete an accredited fourth-year course (e.g. BPsychSc(Hons) or Grad DipPsych) plus two years of supervised practice in the field; or an accredited Master’s degree (e.g. Master of Psychology (Clinical)) with one further year of supervised practice.

You can also choose to study a Joint degree.

Bachelor of Psychology (Honours)

✓ Get ahead with the help of JCU’s top notch research, study and observation facilities at Townsville and Cairns campuses
✓ Hear leading experts present regular lectures and seminars

Overview
Learn to benefit individuals and society as a result of your studies of human behaviour, relationships, mental functions and social processes. Explore current concepts and historical developments in psychology. Study the methods and ethics of scientific investigation and evidence-based practice. Experience the benefits of studying within some of Australia’s smallest tutorial classes. Access JCU’s observation suites, electrically shielded psychophysiology recording facilities, and drugs and human performance research facilities. Some subject topic areas include:
• Behavioural Research Design and Analysis
• Memory and Cognition
• Cognitive Neuroscience
• Environmental Psychology
• Psychopathology
• Intercultural Psychology
• Social Psychology.

During your fourth year as an Honours student, you will complete a psychology thesis and also study complementary theory subjects to ensure you are well equipped to practice Psychology upon registration.

Graduates of this course who wish to become fully registered psychologists must complete two years of supervised practice in the field, or an accredited Master’s degree.
Bachelor of Advanced Science

✓ Learn to be tomorrow’s science and research leaders
✓ Explore advanced IT/coding, mathematics, statistics, modelling and analysis techniques
✓ Study with internationally-recognised JCU lecturers
✓ Collaborate on genuine projects
✓ Have the chance of getting your work published
✓ Be challenged and excited by the advanced skills and techniques you’ll learn. Take the opportunities to network and learn from industry experts

Overview
Your JCU Advanced Science degree will equip you with high-level IT, problem-solving, analytical, qualitative and quantitative reasoning skills that industry leaders have told us are what they need. Choose from JCU’s Advanced Science Majors:

• Aquaculture Science and Technology
• Chemistry
• Earth Science
• Marine Biology
• Mathematics
• Molecular and Cell Biology
• Physics
• Zoology and Ecology.

A state-of-the-art facility designed to support collaborative research and education for the next generation of scientists.
thescienceplace.jcu.edu.au
Bachelor of Science

Be inspired by JCU’s living laboratories - with superb coral reefs, fragile wetlands, tropical rainforests, dry savannahs and amazing flora and fauna right on the doorstep.

Choose from JCU’s Science Majors:
- Aquaculture Science and Technology
- Chemistry
- Earth Science
- Marine Biology
- Mathematics
- Molecular and Cell Biology
- Physics
- Zoology and Ecology.

Bachelor of Science, majoring in Aquaculture Science and Technology

✓ Be part of this fast-growing international industry
✓ Gain hands-on Aquaculture business and practical experience
✓ Focus on tropical species, prevention of overharvesting of wild populations, and guarding against habitat destruction.

Overview
Aquaculture farming is poised to provide a Major component of the world’s food supply, producing fish, crustaceans, molluscs, algae, sea vegetables and fish eggs, for food, research, sport, bait and aquariums.

JCU’s own Aquarium Complex in Townsville and the Orpheus Island Research Station in the Great Barrier Reef Marine Park provide both practical and research experience. You’ll learn from JCU’s internationally-recognised staff and benefit from their direct links with international researchers, the aquaculture industry and peak industry bodies. Industry placements will help you begin building your own industry networks. You’ll study topics such as:
- Marine Microbiology
- Introduction to Biodiversity
- Evolutionary Biology
- Aquaculture: Feeds and Nutrition
- Sustainable Aquaculture.

Bachelor of Science, majoring in Chemistry

✓ Gain skills that equip you for diverse choices and important careers in medical, health, biological, earth and environmental sciences
✓ Choose a complementary double Major
✓ Build networks in local organisations.

Overview
Study solar chemistry, and learn to play your part in developing green technologies. Explore analytical chemistry, synthetic organic and inorganic chemistry, kinetics and mechanisms of chemical reactions, spectroscopy, medicinal and biological chemistry, and materials chemistry with studies that complement other study areas like biology, zoology and ecology, geology, earth science, biochemistry, pharmacology, aquaculture science and technology, physics and mathematics. Subject areas include:
- Chemistry: A Central Science
- Chemistry: Principles and Applications
- Syntheses and Mechanism in Inorganic Chemistry
- Syntheses and Mechanism in Organic Chemistry
- Analytical Chemistry.

JCU Science students have access to wetlands, river systems and coral reefs.
Bachelor of Science, majoring in Earth Science

✓ Build a socially important, satisfying career
✓ Learn how to minimise human impacts on the natural environment
✓ Be able to propose strategies to manage the earth’s sediment, soil, oceans, fresh water supplies and atmosphere
✓ Study right in the middle of World Heritage locations, and in areas rich in resources and mining
✓ JCU is one of the top two Australian universities in Environmental Sciences and Ecology

Overview
To give you broad career options when you graduate, you can study a multidisciplinary curriculum with one or more Majors according to your own interests. Learn to measure and record environmental features. Study, assess and develop methods to control or minimise the harmful effects of human activity on the environment. Gain skills in managing soil and contaminated land, group water assessments, mine environment management, and waste planning. Through scientific assessment, learn to develop cost effective and innovative techniques to provide solutions for environmental management. Subjects you may study include:

• Evolution of the Earth
• From Icehouse to Greenhouse
• Environmental Processes and Global Change
• Hydrology
• Australian Landscape Processes and Evolution
• Sedimentology and Stratigraphy
• Structural Geology and Tectonics
• Soil Properties and Processes for Science.

Bachelor of Science, majoring in Marine Biology

✓ JCU are world leaders in Marine Biology studies
✓ Three of the world’s top ten coral reef scientists are on staff at JCU
✓ You can assist in research projects and industry practice through JCU’s involvement with the Australian Research Council Centre of Excellence for Coral Reef Studies (ARC-CoE), based at JCU’s Townsville Campus, and with the Australian Institute of Marine Science
✓ Benefit from JCU’s strong links with the Great Barrier Reef Marine Park Authority (GBRMPA), TropWater and CSIRO in Townsville

Overview
At JCU you’ll study among some of the world’s most diverse and precious marine habitats, with access to reefs, mangroves, sandy beaches, mudbanks and seagrass beds – all within 1-2 hours from campus. You’ll explore how marine plants and animals interact with their environment, how living marine resources are affected by human-introduced variables, and how oceans and atmosphere interact.

You’ll have opportunities to:
• Take amazing field trips and gain hands-on experience in data collection and fieldwork
• Study live or freshly collected material in our practical sessions
• Volunteer on current Postgraduate research projects bound for publication in primary journals
• Work in premium research facilities like Orpheus Island Research Station
• Explore diverse marine ecosystems on JCU’s own seagoing vessels
• Go on international exchange programs to study distinctive marine habitats in other parts of the world.

Bachelor of Science, majoring in Mathematics

✓ Study with JCU’s highly-awarded Mathematics staff
✓ Choose a double Major and be in demand when you graduate
✓ Develop your analytical, numerical and problem-solving skills
✓ Be an essential employee who is able to keep up with the rapid advances in computer and information technology

Overview
Your JCU Mathematics degree will equip you with the problem-solving, analytical and quantitative reasoning skills that are essential to many industries today. Some of the subjects you will explore include:

• Mathematics for scientists and engineers
• Operations research and monitoring
• Applied complex variable theory
• Numerical Mathematics
• Advanced Stream Physics 1
• Mathematical Methods and Differential Equations.

1 = First year only
JCU’s proximity to the rainforest means you get to learn in real-life settings.
Bachelor of Science, majoring in Molecular and Cell Biology
✓ Work on genuine field and laboratory-based projects
✓ Learn directly from JCU’s leading researchers
✓ Hear guest lecturers who work in the field

Overview
Explore vitally important fields like eco-genomics, stem cell biology, tropical infections, diabetes, multiple sclerosis, allergies and cancer. Learn skills you can use in research and development, new technologies, training and diagnostics in pathology, hospital and research laboratories, food and pharmaceutical industries and more. Practise the latest techniques and skills so you’re ready to compete in the job market. Subjects include:
- Molecular Genetics
- Biotechnology
- Genes, Genomes and Development
- Cell Regulation
- Principles of Biochemistry.

Bachelor of Science, majoring in Physics
✓ Grasp amazing opportunities to be involved in diverse real-world research projects including atomic and molecular physics, molecular and organic electronics, plasma physics, oceanography, meteorology, geophysics, and spectroscopy
✓ Be immersed in research ranging from fundamental electron-positron scattering to biophysics and organic solar cells through the Australian Research Council’s Centre of Excellence for Antimatter-Matter Studies (CAMS), which has a research node based right here at JCU
✓ Take part in real world projects, including working in tropical North Queensland’s field-based laboratories in oceanography and meteorology
✓ Establish networks in medical physics, agriculture, fisheries and general consulting through genuine industry practice opportunities

Overview
Take advantage of JCU’s exceptional Physics education programs led by our award-winning staff. Experience and study the Wet and Dry Tropics, the World Heritage Great Barrier Reef Marine Park and the tropical cyclone belt. Learn to analyse, be innovative and solve problems in genuine, real-world situations – exactly the characteristics that are valued by industrial, scientific and educational employers in today’s fast-changing world. Explore some of the universe’s most challenging questions, like:
- How did the universe begin?
- What is happening to the earth’s climate, and what roles do oceans play?
- How do electrons and positrons move through biological matter?

Study topics include:
- Quantum Physics
- Atomic and Nuclear Physics
- Statistical Mechanics and Transport
- Electromagnetic Phenomena
- Introduction to Electromagnetism Optics and Early Quantum
- Advanced Stream Physics 1

Completing the Mathematics Minor is a requirement of this course.

Bachelor of Science, majoring in Zoology and Ecology
✓ Experience JCU’s new Centre for Tropical Biodiversity and Climate Change
✓ Participate in vibrant weekly seminars presented by JCU’s internationally acclaimed research leaders
✓ Benefit from JCU’s Number Two in the world, and Number One in Australia rankings for citations in the area of climate change research
✓ Network with international speakers, local biologists, plus industry and government stakeholders
✓ Take part in practical and widely-acclaimed field experience like the Wet Tropics Management Authority’s and Australian Butterfly Sanctuary’s project to eradicate the Yellow Crazy Ant

Overview
Grasp the opportunity to start contributing to research that addresses real world problems as you study. Be part of studies that address complex local and global tropical issues like deforestation, infrastructure expansion, habitat fragmentation, overhunting, invasive species and other environmental perils. Explore biosecurity and invasive species, behavioural ecology, conservation biology and ecological modeling, and study a wide range of species including all higher order kingdoms – animals, plants and fungi. Take advantage of JCU’s unique benefits, like:
- Easy access to two World Heritage sites: Great Barrier Reef National Park and the Daintree Rainforest
- Close proximity to world-class research and teaching facility the Daintree Rainforest Observatory, the only canopy crane in Australia with at least two subjects using the site for field work
- Co-location with the Australian Tropical Herbarium, providing expertise in plant identification, molecular biology and evolution
- Access to stakeholders including the Wet Tropics Management Authority and the Skyrail Foundation

Your study topics include:
- Conservation Biology
- Tropical Entomology
- Introduction to Biodiversity or Diversity of Life
- Toolkit for the Field Biologist
- Fundamentals of Ecology or Ecology: Distribution, Abundance and Diversity
- Population and Community Ecology or Field Ecology
Bachelor of Social Work

✓ Learn to help individuals, families and communities thrive
✓ Qualify to work throughout Australia and internationally
✓ Promote positive relationships and work towards creating a just and equitable society
✓ Become work-ready to forge a career in a hospital, community health centre, early intervention and child protection programs, family support services, school, justice, housing, disability or aged care services
✓ Develop your own interpersonal relationship skills, analytical and problem-solving abilities, and emotional maturity
✓ Participate in field placements

Overview
Gain satisfaction from helping to make a difference in today’s world. Learn skills to enable you to specialise in public housing, drug addiction, child welfare, domestic violence, youth, disability, aged care, mental health, counselling and mediation, social policy, research and more. Study this accredited degree with a distinctive focus on rural and remote communities, Aboriginal and Torres Strait Islander frameworks, and international social work contexts. Experience 1,000 hours of hands-on training with an accredited social work supervisor. Core subjects include:

• Australian Society: An Introduction to Sociology
• The Political World: An Introduction to Political Science
• Human Rights and Social Issues
• Deviance, Crime and Society
• Self in Professional Helping
• Exploring Psychology: from Brain to Practice
• Exploring Psychology: from Perception to Reality
• Qualitative Research
• Aboriginal and Torres Strait Islander Skills and Frameworks for Practice
• Interpersonal Practice

• Professional Values and Ethics
• Social Welfare Work with Children and Families
• Developmental Approaches to Eco-Social Justice
• Australian Indigenous Politics.

Note: Before undertaking some placements you’ll require immunisations, current First Aid and CPR certificates, Suitability to Work with Children Card (Blue Card), and an Australian Federal Police check.
Bachelor of Speech Pathology

✓ Make a big difference in the lives of people of all ages
✓ Learn the professional skills required to work in schools, hospitals, private practice, rehabilitation units, nursing homes, mental health settings, specialist disability agencies and more
✓ Gain practical work experience through professional placements, working in JCU’s own Speech Pathology Clinic, and via extensive field work
✓ Grasp opportunities for rural, remote and overseas placements which put you ahead in obtaining employment

Overview
Work with real clients (with supervision) in a variety of specialties. Gain a deeper understanding of the unique needs of people in Indigenous, rural and remote communities. Learn to collaborate with other health professionals to diagnose, develop strategies, treat and manage diverse disorders. Experience the pleasure of making a difference in the lives of clients such as:

- Newborn babies with feeding difficulties
- Children whose speech and language problems cause difficulties with school and society
- Adults who have a swallowing disability associated with a neurological disorder or a brain injury
- People whose voices have been damaged by surgery or performers with voice difficulties
- People who need alternative methods, such as voice output computers, to communicate
- People who stutter.

Subject topic areas include:

- Anatomy and Physiology
- Linguistics and Phonetics
- Speech and language development and disorders
- Voice Impairments
- Stuttering Across the Lifespan
- Acquired Communication Disorders
- Foundations of Allied Health Professional Practice
- Health Promotion for Health Professionals
- Rural and Remote Primary and Public Health Care.

Note: Successful applicants require Hepatitis B, MMR, varicella, and pertussis immunisations, current Queensland First Aid and CPR certificates, along with a Suitability to Work with Children Card (Blue Card) and an Australian Federal Police check before undertaking placement. It is essential that these requirements are completed prior to the commencement of your first clinical experience, or by the end of your first semester/teaching period, whichever comes first.

Two Honours degree options are available for high-achieving students who wish to pursue research or academic careers.
Sport & Exercise Science

Bachelor of Sport and Exercise Science

- Learn to enhance people’s performance and prevent injuries in sport, exercise and leisure settings
- Study with experienced sport and exercise professionals
- Gain practical experience in elite sporting academies, the defence force, corporate health, schools, universities and fitness centres
- Participate in internationally-ranked sport and exercise research initiatives
- Experience work in North Queensland’s tropical climate and rich cultural heritage

Overview
Study the scientific principles underlying the benefits of physical activity. Work with elite athletes to everyday community members to improve performance and health. Gain satisfaction from helping people of all ages to enhance their physical performance, health and wellbeing. Experience JCU’s world-class technical, training and testing facilities. Create and support exercise and physical activity promotions. Subject topic areas include:
• Sport and Exercise Nutrition
• Sports Medicine
• Training and Rehabilitation
• Exploring Psychology
• Kinesiology and Biomechanics
• Science and Practice in Physical Activity
• Anatomy and Physiology for Sport and Exercise Science
• Health and Health Care in Australia
• Dynamics of Sport and Exercise Behaviour.

High-achieving students, including those who wish to pursue research and academic careers, may be offered an Honours degree comprising an additional one-year program (full-time or equivalent) undertaken after successful completion of the Bachelor of Sport and Exercise Science.

Note: Before undertaking placements you’ll require immunisations, current First Aid and CPR certificates, Suitability to Work with Children Card (Blue Card), and an Australian Federal Police check.
Bachelor of Veterinary Science

✓ Learn to play a major role in the healthcare of pets, livestock, zoo animals, aquatic species, and sporting and laboratory animals
✓ Experience field trips, practical work and clinical placements throughout your course in veterinary hospitals, private practices, laboratories and government agencies around Queensland - and in some cases, overseas
✓ Be able to meet the public demand for sustainable animal production that meets health and welfare expectations
✓ Study in state-of-the-art facilities, with a unique emphasis on rural and tropical practice
✓ Become work-ready to forge a career in private veterinary practice, zoos, wildlife sanctuaries, animal welfare organisations, quarantine, pharmacology, government quarantine and biosecurity agencies, corporations concerned with animal health - and, with further study, tertiary teaching and research

Overview
Experience this exceptional course which has recorded the Highest Student Satisfaction Rating in Australia. Study in JCU’s Veterinary and Emergency Centre and Hospital on campus, on-site animal yards, the University’s own working cattle station, the JCU Teaching Resource Centre, the JCU Large and Small Animal Clinic on the Atherton Tablelands, and our high-tech teaching laboratories. Gain knowledge and skills in tropical and rural veterinary settings, plus experience in tropical animal husbandry and aquaculture. Benefit from JCU’s active partnerships with government agencies and agricultural networks. Learn from JCU’s active researchers. When you graduate, you’ll be eligible to register with Veterinary Boards in any Australian state, and you’ll be eligible to practice in New Zealand and the United Kingdom. Core subjects include:
• Veterinary Professional Life
• Cell Biology and Biochemistry for Veterinary Science and Agriculture
• Plants and Animals for Veterinary Science
• Chemistry: A Central Science
• Animal Structure and Function
• Transitions from Health to Disease
• Veterinary Clinical Sciences
• Veterinary Clinical and Professional Practice.

High-achieving students, including those who wish to pursue research and academic careers, may be offered an Honours degree comprising an additional one-year program (full-time or equivalent) undertaken after successful completion of the Bachelor of Veterinary Science.

Note: Q Fever immunisation, a current Queensland First Aid and CPR certificate, and certain inherent requirements are prerequisites for all Veterinary students.

Early application deadline: 31 August 2018

This course requires a special application form see: jcu.edu.au/dthm/forms
## Academic entry requirements

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* Scores provided are indicative minimum thresholds only. Admission is based on special entry requirements in addition to academic achievement. ** Applicants may not meet the entry requirements for some Majors under the Bachelor of Science. ***State Board examination excluding Punjab State Education Board (PSEB) and Haryana State Education Board (HSSE). **** PNC Higher/Upper Secondary Certificate from approved high schools are eligible for direct Bachelor entry. ***** Applicants must also provide evidence of successful completion of the USA High School Diploma.

## Calculation of scores and additional requirements

**Bangladesh Higher Secondary Certificate**: Grade average of final year results: A=80-100 = 5.0; A/=70-79 = 4.0; A-70/69 = 3.5; B/50-59 = 3.0; C/40-49 = 2.0; D/=33-49 = 1.0; F/32-0 = 0.0. 1 is a pass.

**Canada Secondary School Diploma**: Calculated as an average of the best 5 final year subjects as a %.

**Chinese Secondary School Certificate**: Calculated as a grade average of Senior Secondary Academic Proficiency Test (Putong Gaozhong Xueye Shuiping Kaoshi) or Hukao

**Denmark**: Grade average of final year results otherwise reported, where -3 (lowest) to 12 (highest) with a pass at 0.

**GCE A Levels**: A total score of maximum of the best three A Level subjects or a combination of A and AS Level subjects, where A=6, A/=5, A-4, B=3, C=2, D=1, E=0, E/=0. AS Level subjects are equivalent to half points, e.g. A=3. Note: AS Level results cannot be used to replace a poor performance in an A Level subject.

**A Levels (Singapore)**: A total of best 3 H2 Level subjects, or a combination of H2 and H1 Level subjects equivalent to 3 x H2 subjects. For H2 subject, A=5, B=4, C=3, D=2, E=1. H1 subjects are counted as half of H2 subjects (ie: A=2.5). H3 (Advanced) Level subjects are not calculated.

**German Abitur**: Calculated as a grade average of final year subjects where 1=Sehr Gut (Very good), 2= Gut (Good), 3=Durchschnittlich (Average), 4= Ausreichend (Satisfactory), 5=Nicht Ausreichend (Fail)

**Hong Kong Diploma of Secondary Education (HKDSE)**: Calculated as a grade average of four core subjects plus two other subjects where S**=7, S*=6, S=5, D=4, C=3, B=2, A=1, A*0.5, A0. =0, A-0.5, B=0.5, C=0, D=0, E=0, Attained with Distinction =3, Attained=1. Core subjects: Chinese, English, Liberal Studies and Mathematics

**India Senior/Higher Secondary Certificate**: Calculated on a percentage of the best four academic subjects in XII.

**Indonesian Sekolah Menengah Atas (SMA)/National Final Examination (SKHUN)**: Calculated as 40% of a grade average of final results on Sekolah Menengah Atas (SMA) and 60% of the National Final
The following scores are a guide for entry into JCU undergraduate courses at school-leaving level in 2018/2019. Students with existing university qualifications (or equivalent) will be considered for entry and may be eligible for credit. Joint degree entry requirements are determined by the degree with the highest entry score. Course prerequisites can be found in the Courses and Fees list on page 24-25. If your home country is not listed, contact International Admissions.

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**Notes:**
- **Graduation Diploma:** Calculated as an average of final year (year 3) subjects in Japanese Upper Secondary School excluding Physical Education, where A=5, B=4, C=3, D=2, E=1 (fail)
- **Japanese Upper Secondary School Graduation Diploma:** Calculated as an average of final year (year 3) subjects in Japanese Upper Secondary School excluding Physical Education, where A=5, B=4, C=3, D=2, E=1 (fail)
- **Malaysian Sijil Tinggi Pelajaran Malaysia (STPM):** Combined a total of best three academic subjects: A+=4.0, A+=3.67, B+=3.33, B=3.0, B-=2.67, C+=2.33, C=2.0, C-=1.67, D+=1.33, D=1.0, F=0
- **Malaysian Unified Examination Certificate (UCE):** Calculated as grade average from four academic subjects A1=8, A2=7, B3=6, B4=5, B5=4, B6=3, C7=2, C8=1, F9=0
- **Nepalese Proficiency Certificate/Nepalese Higher Secondary Certificate:** Calculated as a grade average of final year results on Nepalese Proficiency Certificate/Nepalese Higher Secondary Certificate
- **Norway Vitnemal fra den Videregående Skolen:** Calculated as grade average of results of the Vitnemal fra den Videregående Skolen, Examens Artium, Studenteksamen, or Gymnasieeksamen GPA scores on a 6.0 grading scale. This calculation should include all subjects listed on a transcript. If a subject includes two grades (final assessment and exam) Pakistan Intermediate/Higher Secondary School: Calculated as a grade average of the best 4 academic subjects in the Pakistan Intermediate/Higher Secondary School Certificate

[jcu.edu.au]
### Academic entry requirements

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| Diploma of Higher Education       | 58                                     | 2.5                                  | 1.0                                              | 1.0                                 | US High School Diploma completion with passing grade/ GED score of 610 | 6.0

* Scores provided are indicative minimum thresholds only. Admission is based on special entry requirements in addition to academic achievement. ** Applicants may not meet the entry requirements for some Majors under the Bachelor of Science. ***State Board examination excluding Punjab State Education Board (PSEB) and Haryana State Education Board (HSEB). **** PNG Higher/Upper Secondary Certificate from approved high schools are eligible for direct Bachelor entry. ***** Applicants must also provide evidence of successful completion of the USA High School Diploma

**Calculation of scores and additional requirements**

- **Philippines K-12 Graduation Certificate from 2018:** Calculated as a grade average of final year (Grade 12) results on K-12 High School Diploma.
- **PNG Higher/Upper Secondary Certificate:** Calculated as grade average of best 5 subjects where: A=5, B=4, C=3, D=2, E=1 (Fail) and must include subject, Language and Literature and exclude Personal Development.
- **Sri Lankan General Certificate of Education (Advanced Level):** Calculated as a grade average of best 3 Advanced Level subjects, where: A (Distinction)=4, B (Very good)=3, C (Credit pass)=2.5, D (Ordinary pass)=1, F (Weak/Failure)=0.
- **Swedish Slutbetyg från Gymnasieskola:** Grade average from all subjects on Upper Secondary School Leaving Certificate (Avgangsbetyg/ Slubetyg från Gymnasieskola) where: A=5, B=4, C=3, D=2, E=1, F=0
- **USA Advanced Placements:** A total of all Advanced Placements subjects (APs) where: A=5, B=4, C=3 (pass), D=2, E=1. A minimum of two and a maximum of four. Where more than four APs have been taken, best four results are used.
- **Vietnamese Bang Tot Nghiep Trung hoc Pho thong:** Calculated with [GPA (CTN)= (Hoc Pho thong + any bonus points) ÷ the number of exam subjects only] ÷2. Where 9-10 (Gioi)= Excellent, 7-8.9 (Kha)= Good, 5-6.9 (Trung Binh)= Fair, Below 5 (Kem)= Fail
English entry requirements

Students who are not proficient in English must demonstrate English language proficiency by achieving a score in a test such as Academic IELTS, TOEFL, Pearson (PTE Academic) or Occupational English Test (OET)* – see table below. Other English language tests may be accepted as proof of English language proficiency. Some qualifications may satisfy our English language requirements, please contact Admissions at internationaladmissions@jcu.edu.au. English band requirements for each course are listed in the tables on pages 24 and 25.

English language tests minimum scores
Official English Test results are valid for two years. The results must be valid at the time of study commencement.

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<td>7.0 (with 7.0 in three components and 6.5 in one component)</td>
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<td>577 (with a minimum Test of Written English score of 5.5)</td>
<td>577 (with a minimum Test of Written English score of 5.5)</td>
<td>577 (with a minimum Test of Written English score of 5.5)</td>
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<tr>
<td><strong>TOEFL (internet-based)</strong></td>
<td>79 (minimum writing score of 19)</td>
<td>90 (minimum writing score of 21)</td>
<td>100 (minimum writing score of 23)</td>
<td>100 (minimum writing score of 23)</td>
<td>100 (minimum writing score of 23)</td>
</tr>
<tr>
<td><strong>Pearson (PTE Academic)</strong></td>
<td>57</td>
<td>64</td>
<td>72</td>
<td>72</td>
<td>72</td>
</tr>
<tr>
<td><strong>Occupational English Test (OET)</strong></td>
<td>Completion and an overall pass with minimum grades A or B only in each of the four components</td>
<td></td>
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</table>

*OET can be used to satisfy the English language proficiency requirement for the following course; Physiotherapy, Pharmacy, Psychological Science, Occupational Therapy, Nursing, Medicine and Dental Surgery.

Course specific information

- **Bachelor of Speech Pathology:** Academic IELTS – 7.0 (with a minimum writing score of 6.0; minimum speaking score of 8.0; minimum reading and listening score of 7.0).
- **Bachelor of Education (ECE) (Primary) (Secondary):** Applicants from non-English speaking backgrounds must meet the English language proficiency requirements of an overall IELTS (or equivalent) score of 7.5 (with no score below 7 in reading and writing, and a score of no less than 8 in listening and speaking).
- **Diploma of Higher Education specialisations (streams)**
  - **Engineering and Applied Science, Society and Culture, IT, Science, Business Studies, General Studies:** An overall IELTS of 5.5 (with no component lower than 5.0)
  - **Business:** Band 1
  - **Health:** Band 2

Students who meet the academic entry requirements for entry into a JCU degree, but not the English language entry requirements, receive a ‘packaged offer’ consisting of a period of academic English language studies, plus an offer into a JCU course. Some undergraduate courses may require an IELTS test after completion of the EAP program.

Please note, these scores are subject to change. For more information, please contact internationaladmissions@jcu.edu.au

Please note: The Department of Home Affairs (DOHA) also has certain rules relating to student visas which, depending on the visa assessment level of your country of citizenship, may require you to sit an English test even though you meet other English language requirements set by JCU.
How to apply

Application deadlines
30 January for Teaching Period 1 (Semester 1)
30 June for Teaching Period 2 (Semester 2)

The following courses have earlier application deadlines. Applicants for the courses listed below must also complete a separate degree-specific application form found at jcu.edu.au/dthm/forms

Application deadline: 31 August 2018
• Bachelor of Medicine, Bachelor of Surgery (MBBS)
• Bachelor of Dental Surgery
• Bachelor of Veterinary Science

Application deadline: 30 September 2018
• Bachelor of Physiotherapy

Step 1
Choose your course
Use this guide, call JCU, meet a JCU representative when you are in your home country, speak to your local representative or visit jcu.edu.au/courses-and-study

Select the course you would like to study at JCU, taking note of the duration, cost and campus availability. You may wish to include a second course preference.

Step 2
Submit your application
There are many different ways to submit your application. Choose the one that works best for you.

Collect all necessary documentation for your chosen course. This may include certified academic transcripts, proof of work experience, academic English results and additional degree specific application forms.

Visit jcu.edu.au/courses-and-study for the application details for your chosen course. Click on the international tab.

You may apply online, or through a registered JCU overseas representative/agent*, or complete the application form at the back of this guide.

a. Applying online
Register as a first time user on JCU’s online application portal (found from the webpage of your chosen course) or complete the application form within this Study Guide.

b. Applying through an authorised JCU representative/agent
You may also engage the services of one of JCU’s authorised representatives/agents. Representative details can be found at jcu.edu.au/international/apply/jcurepresentatives

c. Complete the application form at the back of this guide and mail it to the address provided

Note: your academic transcripts must be accompanied by the grading scale/key/legend used at the institution where you have undertaken your previous studies. If documentation is in a language other than English, an official certified translation must be included and translated by the issuing institution or by an official translating service.

If you have any issues with the online form (applying or uploading documents), please email internationaladmissions@jcu.edu.au

Step 3
Assessment
We will assess your application based upon academic and English entry requirements for your preferred course.

Step 4
Receive your offer – Congratulations!
If your application is successful, you will receive your offer by email.
Your offer letter includes:
• Name and duration of the course you have been accepted into
• Tuition fees, student services and amenities fee, and Overseas Student Health Cover
• Any credit you have been awarded for previous study (if course syllabus of previous subjects was provided with your application).

Step 5
Accept your offer
Once you have received your offer, please sign each page, complete the Acceptance and Payment form, ensuring you meet any conditions outlined in your Offer Schedule, and return it to International Admissions, or your JCU representative/agent, along with any payment as set out in your offer letter.

You will need to provide original certified copies of your documents once your application has been approved.

Step 6
Apply for your student visa
JCU will then issue you an electronic Confirmation of Enrolment (eCOE). This is the document you need to obtain a student visa for Australia. Further details will be provided upon acceptance of your offer. Use your eCOE to obtain a student visa from your nearest embassy or consulate in your home country.

Once you have a student visa, you are ready to begin your study at JCU.

Checklist
Make sure you have included all required documents before lodging your application online with JCU. Check that you have:
✓ Answered all questions
✓ Included all certified academic transcripts and certificates* (with certified translations if in a language other than English)
✓ Supplied English language test results (if applicable)
✓ Made a copy of all documents for your records.

Contact Us
For more information, or if you need help applying online please contact internationaladmissions@jcu.edu.au

* JCU official registered representatives/agents are found online at jcu.edu.au/international/apply/jcurepresentatives
** You will need to provide original certified copies of your documents once your application has been approved.
Application for admission to an Undergraduate Course

PERSONAL DETAILS

Family Name
Given Names
Permanent address in home country

Telephone number in home country
Address (where we can contact you about your application). If applying through an agent, please put the agent's details here.

Country in which you are submitting this application

Email (must include personal email of student)

Date of Birth
Citizenship

Do you hold a current Australian visa?  
If yes, please give category of visa

Do you have a disability, psychological or medical condition which may affect your studies?  
If yes, attach supporting documents

Do you require JCU to organise Overseas Student Health Cover (OSHC)?  
If yes, please indicate

For more information on OSHC, please visit the Allianz Global Assistance website: oshcallianzassistance.com.au

ENGLISH LANGUAGE PROFICIENCY

English is the main language spoken in my home

If no, please indicate language

I will have / or have taken an IELTS test TOEFL test Pearson (PTE) within the past two years (please tick appropriate box)

on

I have undertaken studies for a minimum of two years in which the language of instruction was English. Please attach documentary evidence.

PREFERRED COURSE

Name of Course (1st choice)
Major

Name of Course (2nd choice)
Major

I wish to study at (tick one only)

When would you like to start your studies:

Trimester start/end dates are subject to change in 2018. For more information contact admissions-singapore@jcu.edu.au (Singapore) or jcubrisbane@jcu.edu.au (Brisbane)
EDUCATIONAL QUALIFICATIONS

<table>
<thead>
<tr>
<th>NAME OF SCHOOL OR INSTITUTION</th>
<th>NAME OF QUALIFICATION OR COURSE</th>
<th>YEARS ATTENDED (MONTH/YEAR TO MONTH/YEAR)</th>
<th>COURSE COMPLETED (YES/NO)</th>
</tr>
</thead>
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<tr>
<td></td>
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</tbody>
</table>

Please attach certified copies of transcripts of all academic records. (A certified copy means a stamped photocopy signed by a public notary or institution representative or authorised JCU agent as being a true and accurate record of the original document). All documents must be translated into English by the issuing institution or by an official translating service.

CREDIT FOR PREVIOUS STUDY

Are you applying for credit for previous studies?  Yes  No

If yes, please attach the course syllabus for each of the subjects you wish to seek credit for. If your educational institution has an articulation agreement with JCU you are not required to submit this documentation.

FINANCIAL SPONSOR

☐ I am being sponsored by the organisation whose details are attached. Attach official letter to application.

☐ Other

DECLARATION (all applicants must complete)

I declare that the information I have supplied on this form is, to the best of my knowledge, complete and correct. I acknowledge that my application is subject to acceptance by James Cook University and that any offer for a place may be subject to additional conditions which will need to be met to be eligible for admission.

STUDENT VISA DECLARATION

I make this declaration in relation to my application for my preferred course/s at James Cook University (JCU). I understand that the University will rely on this declaration in relation to any offer of enrolment in the Course which is made to me. I declare that:

• I am a Genuine Temporary Entrant*;
• studying the Course is my primary purpose for coming to Australia;
• I understand that if I am granted an Australian student visa, I will have to comply with the conditions on that visa;
• I believe that I am academically qualified for the Course I have applied for and have, or will have, the English proficiency level required to commence the Course;
• I have calculated the cost of my course, am aware of the current exchange rate between the currency of my home country and the Australian dollar and understand that the exchange rate will vary from time to time;
• I have genuine access to the total funds required**, while in Australia, to cover all tuition fees, travel (including returning airfare), living costs and overseas health cover for myself and my dependents (if any) for the duration of the Course and;
• If I have ever been refused a visa for entry into Australia, I have advised JCU and provided a copy of the visa refusal notification from the Australian Government and any other relevant documentation.
• If I have ever been refused a visa for entry into another country, I have advised JCU of the country and provided relevant documentation.

* For the definition of Genuine Temporary Entrant under the SSVF visit the Department of Home Affairs (DOHA) Genuine Temporary Entrant (GTE) requirements:

** For financial requirements for obtaining a student visa under the SSVF visit the Department of Home Affairs (DOHA) Student visa financial capacity requirements:

PRIVACY

Personal information supplied on this form will be handled in accordance with JCU’s Privacy Policy (available at jcu.edu.au).

I acknowledge that James Cook University (JCU) will use the personal information that I have provided in, and attached to, this form to assess my application to study at JCU. I authorise JCU to provide my personal information to the Australia Government Department that is responsible for tertiary education (including the Department of Education and Training), the Australian Government Department that manages immigration (including the Department of Home Affairs), the Tuition Protection Service, my Education Agent if I have appointed one, Allianz Global Assistance if I nominated JCU to arrange my Overseas Student Health Cover (OSHC) and any other Australian or Queensland Government bodies as required by law.

Signature

Date

Please send all completed forms to one of the following JCU locations, or to one of JCU’s approved agents, listed online at jcu.edu.au/international/apply/jcurepresentatives

Cairns and Townsville campuses

Admissions
James Cook University
Townsville QLD 4811
Australia
Email: internationaladmissions@jcu.edu.au

Singapore campus

Admissions Office
James Cook University Singapore
149 Sims Drive Singapore
387380
Phone: +65 6576 6833
Fax: +65 6455 2833
Email: admissions-singapore@jcu.edu.au

Brisbane campus

International Admissions
James Cook University Brisbane
349 Queen Street
Brisbane QLD 4000 Australia
Phone: +61 7 3001 7800
Fax: +61 7 3001 7899
Email: admissions@jcub.edu.au

This application form can also be completed online at: jcu.edu.au/international/apply