Welcome

When I invite you to explore what James Cook University (JCU) has to offer, it is because I know how much living in a tropical environment can open your eyes to a world of beauty, diversity and opportunities.

As a leading Australian research and teaching institution, international students come to JCU to further their education, undertake research and gain qualifications that are recognised globally. Here at JCU we are creating a brighter future for life in the tropics world-wide, through graduates and discoveries that make a difference.

Our three main campuses are in the tropical cities of Cairns, Singapore and Townsville and these vibrant locations will allow you to explore your potential. Along with our dedicated staff, JCU offers well-equipped, modern laboratories and unique research stations in the World Heritage listed Great Barrier Reef Marine Park and the Wet Tropics rainforests.

During your time with us you will discover new ideas, issues, people and possibilities. You will leave with the expertise and intellectual curiosity to make a difference in your chosen profession and community. Our graduates are valued by employers for their combination of academic skills, practical experience and good communication and technology skills.

Students are at the heart of JCU and we understand it can be a big step to study so far from home. As you explore this study guide, you will discover that JCU can provide you with the support, skills, teachers and facilities you are looking for to ignite and support your passion for learning.

Professor Sandra Harding  
Vice-Chancellor and President
Welcome from the Vice-Chancellor

James Cook University – A brighter future

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Getting to JCU

Cairns
Cairns has Australia’s fifth busiest international airport. There are direct flights from Japan, Hong Kong, Papua New Guinea, New Zealand, Micronesia, Bali and Singapore, with more routes planned for the future. Numerous airlines fly from Sydney and Brisbane into Cairns daily.

Townsville
Three airlines fly from Brisbane to Townsville several times a day. Students can also fly directly to Cairns and then take the 50 minute shuttle flight to Townsville. Students at the Townsville campus are strongly recommended to fly into Townsville, as it is a four hour drive from Cairns and a 16 hour drive from Brisbane. There are also regular, direct flights from Sydney and Melbourne into Townsville.

Singapore
Singapore is an international destination with daily flights to and from the city-state from all over the world.
James Cook University
A brighter future

James Cook University (JCU) is ranked in the top 4% of universities worldwide, for academic studies and research*. As a university internationally recognised for excellence in teaching and research, JCU has attracted over 20,000 students to study a wide variety of career-focused programs available across its three campuses.

A natural choice
JCU campuses are located near the Great Barrier Reef and the pristine rainforests of the Wet Tropics, giving students the unique opportunity to bring their studies to life in a tropical paradise. Over 6,000 international students from over 100 countries have chosen to make JCU their study destination.

Career orientated
With degrees accredited by leading professional organisations, JCU aims to give graduates the qualifications and skills they need for the global workforce. Students are also given the opportunity for hands-on experience; from internships, vacation work, placements, capstone subjects, and real-world projects with business, industry and government organisations.

Research intensive
JCU is recognised as one of the world’s leading research universities in the tropics, and is a member of the national alliance, Innovative Research Universities (IRU). The University’s extensive research capabilities also give undergraduate students opportunities for field trips, industry links, and experience at research stations.

Supported study
JCU is a vibrant, friendly place for learning, with accessible staff who are available to discuss goals and challenges with students. Personal support ensures students are able to achieve their best. JCU was one of only two universities in Australian to receive the maximum number of citations for Outstanding Contributions to Student Learning^.

A personal approach
With excellent support services, including study skills and student mentor programs, JCU students receive the personal attention they need to achieve their best. JCU’s many sporting and social activities give students the opportunity to develop friendships and global connections that can last a lifetime.

Study across countries
JCU offers a program that gives students the opportunity to study across JCU’s Australian and Singapore campuses. In addition, students who take part in JCU’s Exchange program can spend a semester or two at a university in North or South America, Asia, Europe or the UK.

“I would highly recommend studying at JCU in Australia. It has been a really enjoyable experience and I’m really happy with my decision to come here.”

Ali Hussein
Canada

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Canada
James Cook University (JCU) is Australia’s leading university for the tropics. Offering excellence in teaching and research, JCU is a vibrant university operating across two countries and three tropical campuses, with locations in the North Queensland cities of Cairns and Townsville and in the city-state of Singapore. JCU also has a campus in Brisbane city operated by Russo Higher Education.
Our tropical campuses
Cairns

The JCU Cairns campus combines a spectacular natural setting with modern and innovative teaching facilities. The campus is located at the foot of rainforest-covered mountains, 15 kilometres north of the city centre and near the popular northern beaches suburbs. The campus is serviced by regular buses to the city centre, and nearby shopping centres and residential areas.

Over 4,000 students, including more than 400 international students have access to the latest teaching and learning facilities, including recently developed state-of-the-art learning facilities.

The Cairns campus offers students access to a range of entertainment and academic facilities, including
- student eatery, café and bar
- bookshop
- library
- sporting facilities
- English language centre
- private/group study areas
- student centre for enquires
- dental clinic
- computer centres
- counselling and career services
- the Cairns Institute

Students enjoy small classes and a friendly campus atmosphere. Modern student accommodation is also situated near the campus. It is expected that from 2016 accommodation will be available on the Cairns campus for an initial 300 students, with plans to increase this number in the near future.
Cairns offers spectacular natural attractions and activities, including diving on the Great Barrier Reef, exploring ancient rainforests, waterfalls and islands.

Cairns provides a diverse population of around 160,000 with a wide variety of entertainment options and recreational activities to choose from. Students can visit natural attractions like the Great Barrier Reef and the Daintree Rainforest, and can visit the shopping centres, cafes, clubs and restaurants during the weekend. Those looking for part-time work during their studies can apply for a variety of jobs available in tourism, hospitality, retail sales and business administration, with many employers valuing part-time workers with foreign language skills.

www.cairns-greatbarrierreef.org.au
www.cairns.qld.gov.au
Over 13,000 students, including around 1,500 international students, create a lively atmosphere on campus. A mix of architecture, including state-of-the-art facilities, features on a natural parkland setting, 13 kilometres from the city centre.

The Townsville campus offers students access to a range of entertainment and academic facilities, including:
- retail store and bookshop
- a variety of food and drink outlets
- gym, sporting facilities and swimming pool
- accommodation service
- English language centre
- counselling and career services
- library
- student mall with dining area
- post office and hairdresser
- pharmacy
- grocery store
- medical and dental clinic
- social and study areas

Free parking is available in several areas of the University, and free Wi-Fi access is across most of the campus. Students have the convenience of a medical centre on campus, and new developments currently underway will provide students with further access to modern facilities. Students from diverse backgrounds live on campus in colleges and halls of residence.
Townsville is Australia’s largest tropical city, with access to tropical beaches and islands, and the savannahs and country towns of the outback.

Townsville is a city on the north-eastern coast of Queensland, Australia. The city is located within easy reach of two World-Heritage listed natural wonders; the coral reefs of the Great Barrier Reef and the rainforests of the Wet Tropics region. Students can plan a day trip to dive on the reef, or plan a weekend away exploring a tropical island. The city offers a wide variety of dining and shopping opportunities, and has a wealth of sporting, cultural and entertainment options available.

www.townsville.qld.gov.au
www.townsvilleenterprise.com.au
Our tropical campuses
Singapore

JCU Singapore is fully owned by James Cook University Australia, and offers a suite of programs across two campuses. The University established JCU Singapore in 2003 as part of its intent to create a brighter future for life in the tropics world-wide, through graduates and discoveries that make a difference. The student population has grown rapidly from 50 students in 2003, to approximately 3000 students in 2014. The campus is truly multicultural with students from Singapore and across Asia, in particular China, India, Indochina, Indonesia and Malaysia. Additionally a growing number of students are enrolling from Europe, in particular France, Germany, Denmark, Norway and Russia.

Campus facilities include lecture and seminar rooms, a fully equipped library, computer laboratories, an on-site bistro and access to a variety of sporting facilities.

JCU Singapore moved to a brand new, larger campus with updated facilities in March 2015.

JCU Intercampus Mobility Program
JCU Singapore provides the opportunity for students to study in Australia (for a maximum of two semesters), and yet still remain as a Singapore-based student, paying fees in Singapore dollars.

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 (Psychology)</td>
<td>$52,722</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Business and Environmental Science</td>
<td>$54,423</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Education (Early Childhood Education)</td>
<td>$53,843</td>
<td>3</td>
</tr>
<tr>
<td>Bachelor of Information Technology (Computing and Networking, Interactive Technologies and Games Design)</td>
<td>$50,154</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Psychology*</td>
<td>$52,722</td>
<td>2</td>
</tr>
<tr>
<td>Bachelor of Psychology (Honours)* -- 4th year</td>
<td>$24,337</td>
<td>1</td>
</tr>
</tbody>
</table>

All fees indicated are applicable to international students only.
* Duration of full program, assuming students have not been granted credit exemption.
# Tuition fee in Singapore Dollars including prevailing 7% Goods and Services Tax (GST). Fees are for 2015 and are subject to change for 2016.
^ This course is under review, please contact JCU for more information.
Singapore offers the best of both worlds, combining a cosmopolitan and sophisticated city with Asian traditions and heritage.

Singapore’s unique characteristics and highly accessible infrastructure make it one of the best places to study and work in Asia. As an educational hub and global schoolhouse of the region, this multi-cultural country provides students with an exciting platform for personal growth, professional fulfilment and cross-cultural interaction. Living conditions in Singapore are among the best in Asia, with state-of-the-art facilities for education, shopping, sports and recreation.
Additional study options

Pathways to JCU

There are a number of pathways to study an undergraduate or postgraduate qualification at JCU.

**English language centres**
Located on both Cairns and Townsville campuses, these centres are operated by Union Institute of Language (UIL). They offer a wide range of English language programs designed to help students qualify for tertiary study, successfully sit an English language exam, or improve general English communication skills. 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 into the JCU degree program. This ‘package’ will allow students to receive a student visa for the entire duration of their studies. The length of the English study period will depend on their English language level at the time of application (as determined by an IELTS score or equivalent) and the English requirement for their chosen course.

**English for Academic Purposes**
English for Academic Purposes is taught through the Direct Entry English Program (DEEP), which will equip students with the English language skills required to study at a tertiary institution in Australia. Classes focus on academic requirements and expectations, and learning strategies needed at a tertiary level. Once students have successfully completed the DEEP program, they will be eligible for direct entry into specific courses at JCU campuses in Townsville and Cairns.

**General English (GE) program**
General English Intensive courses are designed to develop a student’s confidence in using English for general purposes. Students will improve skills in speaking, listening, reading and writing, as well as grammar, vocabulary and pronunciation so they can communicate more effectively in English. If desired, students can develop skills in English to a point where they can progress to the Direct Entry English Program (DEEP).

**Preparatory courses**
Many JCU health science and science degrees have prerequisites of high school chemistry or advanced mathematics. For those applicants who have not completed these final year high school subjects or equivalents, JCU offers preparatory mathematics and chemistry subjects.

**Credit for previous studies**
JCU has flexible advanced standing arrangements with other educational institutions including universities and vocational education providers, including TAFE Queensland. If the student has completed a degree, diploma or university subjects, they may be entitled to advanced standing.

**The Diploma of Higher Education**
The Diploma of Higher Education is a one year introductory course designed to provide students with a supported pathway to higher education success. This course is primarily for students who do not qualify for direct entry into a bachelor degree, or for those seeking additional support and preparation before moving into bachelor degree study. Students can study a mix of introductory and first year subjects in the following study streams; Business Studies, Engineering and Applied Science, General Studies, Health, Information Technology, Science and Society and Culture. www.jcu.edu.au/diploma

www.jcu.edu.au/international/apply/pathways
Brisbane is a modern and diverse subtropical city offering visitors a vibrant experience in a warm, friendly and relaxed environment.

Leading to Work program
Leading to Work is a program designed to assist in preparing students to be work ready upon completion of their JCU Diploma and Bachelor of Business programs. Utilizing a range of tailored learning activities and experiences that expose students to a variety of authentic industry-related situations the Leading to Work program assists students to complete their program successfully, as well as to be successful in a modern business environment. Opportunities may include completing a schedule of on-line activities, visiting an Australian business, and hearing from business leaders in the classroom. The program culminates with a professional internship subject in their final trimester.

Employment and Careers Services (Joblinx)
Exclusive to JCU Brisbane students, Joblinx is an independent recruitment consultancy assisting students to find part-time, casual and graduate employment, as well as providing training, professional development and work experience programs that enhance employment outcomes and professional development.

Trimester system
JCU Brisbane’s academic calendar provides three study periods. This arrangement allows students to typically complete more subjects per year than a standard semester program operating at many other Australian universities. This model enables students to complete a degree faster, join the workforce sooner and save on living costs incurred with longer degree programs.

### Brisbane Courses and Fees

<table>
<thead>
<tr>
<th>Course</th>
<th>Annual Tuition Fees*</th>
<th>Standard duration (in trimesters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Business (Accounting(^{\dagger}), Hospitality and Tourism Management, International Business, Management, Marketing)</td>
<td>$24,000</td>
<td>8</td>
</tr>
</tbody>
</table>

\(^{\dagger}\) Available as single major only

* Tuition fee in Australian dollars
Lucia Runggeari
Indonesia

My top 5 reasons for studying at JCU

1. JCU has an international reputation for providing quality education
2. the modern facilities; such as the library, lecture theatres and computer laboratories
3. the University has a good environment for studying
4. JCU has good, kind, and helpful staff members
5. the weather is amazing and the people are friendly!
Career outcomes
JCU offers students a multitude of study options and equips students with the skills they need to succeed in their chosen career. With courses accredited by leading professional organisations, JCU received five stars in The Good Universities Guide 2014, for graduate success in getting a job. Possible career opportunities for each JCU course are listed in the course pages of this guide.

Professional programs
Many of JCU’s professional programs are offered as a Bachelor degree, which allows for entry upon successful completion of senior high school studies. While these courses are undergraduate programs, students with existing tertiary qualifications can apply and may be eligible for credit for previous study.

Method of assessment
The University has a variety of assessment methods that apply to its courses. These include examinations, essays, oral presentations, group projects, assignments, quizzes, practical examinations, placements, laboratory reports, class participation, thesis and workshops.

Mode of delivery
Most JCU courses are offered face-to-face on our campuses, providing students with a high level of study support and interaction with academics and other students. To study in Australia, students must choose a course offered at the Townsville, Cairns or Brisbane campuses. JCU offers a number of courses which can be studied externally from the student’s home country; however some of these may require short face-to-face components.

Mid-year enrolment
Mid-year enrolment is available for many courses at JCU. Study usually commences in late July. The Courses and Fees table shows mid-year availability for each course.

Choosing the right course
With hundreds of undergraduate courses on offer at JCU, from accountancy to zoology, it’s important to take time to explore the study options available.
Courses and fees

The fees listed are based on the annual tuition fee for students commencing in 2016. The total course fee can be determined by multiplying the 2016 annual tuition fee by the course duration (years), and including a maximum annual increase of 4% for each year beyond 2016. JCU’s Tuition Fee Policy for International Students can be found at [www.jcu.edu.au/policy/student/finance/JCUDEV_005357.html](http://www.jcu.edu.au/policy/student/finance/JCUDEV_005357.html).

<table>
<thead>
<tr>
<th>Course</th>
<th>2016 Tuition Fee (per year)</th>
<th>Duration</th>
<th>Campus/Mode</th>
<th>Mid-Year Intake</th>
<th>English Band Level</th>
<th>Minimum Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts [see p.17] (Anthropology, Archaeology, Criminology, English, Environmental Studies, French, Geography, German, History, Human Services, Indigenous Australian Studies, Italian, Japanese, Media and Writing, Political Science, Psychology, Sociology, The Asian Century)</td>
<td>$24,000</td>
<td>3</td>
<td>T,C*</td>
<td>Yes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Arts–Bachelor of Business [see p.17/21]</td>
<td>$24,000</td>
<td>4</td>
<td>T,C*</td>
<td>Yes#</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Arts–Bachelor of Laws [see p.16/23]</td>
<td>$26,000</td>
<td>5</td>
<td>T,C*</td>
<td>Yes</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Arts–Bachelor of Science [see p.16/29]</td>
<td>$30,000</td>
<td>4</td>
<td>T,C*</td>
<td>Yes</td>
<td>1</td>
<td>Maths B and Chemistry for all majors except General major (no prerequisites); Physics major (Maths B, Chemistry and Physics, or (in lieu of Physics) Maths C)</td>
</tr>
<tr>
<td>Bachelor of Biomedical Sciences [see p.35]</td>
<td>$28,000</td>
<td>3</td>
<td>T</td>
<td>No</td>
<td>2</td>
<td>Chemistry, Maths B</td>
</tr>
<tr>
<td>Bachelor of Biotechnology [see p.37]</td>
<td>$30,000</td>
<td>3</td>
<td>T</td>
<td>No</td>
<td>1</td>
<td>Chemistry, Maths B</td>
</tr>
<tr>
<td>Bachelor of Business and Environmental Science [Aquaculture] [see p.29]</td>
<td>$28,000</td>
<td>3</td>
<td>T</td>
<td>Yes</td>
<td>1</td>
<td>Maths B</td>
</tr>
<tr>
<td>Bachelor of Business–Bachelor of Laws [see p.21/23]</td>
<td>$26,000</td>
<td>5</td>
<td>T,C*</td>
<td>Yes</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Business–Bachelor of Psychological Science [see p.21/25]</td>
<td>$26,000</td>
<td>4</td>
<td>T,C*</td>
<td>No</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Creative Industries* ^ [see p.18] (Media Design, Photomedia, Visual Arts)</td>
<td>$24,000</td>
<td>3</td>
<td>C</td>
<td>Yes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Dental Surgery [see p.33]</td>
<td>$49,000</td>
<td>5</td>
<td>C</td>
<td>No</td>
<td>3b</td>
<td>Chemistry, Maths B</td>
</tr>
<tr>
<td>Bachelor of Education (Early Childhood Education) [see p.19]</td>
<td>$24,000</td>
<td>4</td>
<td>T,C,External*</td>
<td>Yes</td>
<td>3c</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Education (Primary) [see p.19]</td>
<td>$24,000</td>
<td>4</td>
<td>T,C</td>
<td>Yes</td>
<td>3c</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Education (Secondary) [see p.19]</td>
<td>$24,000</td>
<td>4</td>
<td>T,C</td>
<td>Yes</td>
<td>3c</td>
<td>Chemistry, Maths B</td>
</tr>
<tr>
<td>Bachelor of Education (Secondary)–Bachelor of Arts [see p.19/17]</td>
<td>$24,000</td>
<td>5</td>
<td>T,C</td>
<td>Yes</td>
<td>3c</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Education (Secondary)–Bachelor of Science [see p.19/29]</td>
<td>$30,000</td>
<td>5</td>
<td>T,C*</td>
<td>Yes</td>
<td>3c</td>
<td>Maths B and Chemistry for all majors except General major (no prerequisites); Physics major (Maths B, Chemistry and Physics, or (in lieu of Physics) Maths C)</td>
</tr>
<tr>
<td>Bachelor of Engineering (Honours) [see p.37] (Chemical, Civil, Electrical and Electronic, Mechanical)</td>
<td>$30,000</td>
<td>4</td>
<td>T,C (first year only)</td>
<td>No</td>
<td>1</td>
<td>Maths B</td>
</tr>
<tr>
<td>Bachelor of Engineering (Honours)–Bachelor of Information Technology [see p.37/22]</td>
<td>$30,000</td>
<td>5</td>
<td>T,C (first year only)</td>
<td>Yes</td>
<td>1</td>
<td>Maths B</td>
</tr>
<tr>
<td>Bachelor of Engineering (Honours)–Bachelor of Science [see p.37/29]</td>
<td>$30,000</td>
<td>5</td>
<td>T,C (first year only)</td>
<td>Yes~</td>
<td>1</td>
<td>Maths B and Chemistry for all majors except General major (no prerequisites); Physics major (Maths B, Chemistry and Physics, or (in lieu of Physics) Maths C)</td>
</tr>
<tr>
<td>Bachelor of Geology [see p.38]</td>
<td>$30,000</td>
<td>3</td>
<td>T,C (first year only)</td>
<td>Yes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Information Technology [see p.22]</td>
<td>$24,000</td>
<td>3</td>
<td>T,C</td>
<td>Yes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Laws [see p.23]</td>
<td>$26,000</td>
<td>4</td>
<td>T,C</td>
<td>Yes</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Laws (Graduate Entry) [see p.23]</td>
<td>$26,000</td>
<td>3</td>
<td>T,C</td>
<td>Yes</td>
<td>2</td>
<td>Completion of a recognised degree in an area other than law</td>
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<tr>
<td>Bachelor of Marine Science [see p.29]</td>
<td>$30,000</td>
<td>3</td>
<td>T</td>
<td>Yes</td>
<td>1</td>
<td>Chemistry, Maths B</td>
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<tr>
<td>Course</td>
<td>2016 Tuition Fee (per year)</td>
<td>Duration</td>
<td>Campus/ Mode</td>
<td>Mid-Year Intake</td>
<td>English Band Level</td>
<td>Minimum Prerequisites</td>
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<tr>
<td>Bachelor of Medical Laboratory Science [see p.35]</td>
<td>$28,000</td>
<td>4</td>
<td>T</td>
<td>No</td>
<td>2</td>
<td>Chemistry, Maths B</td>
</tr>
<tr>
<td>Bachelor of Medicine–Bachelor of Surgery [see p.33]</td>
<td>$42,000</td>
<td>6</td>
<td>T</td>
<td>No</td>
<td>3b</td>
<td>Chemistry, Maths B</td>
</tr>
<tr>
<td>Bachelor of Multimedia Journalism*^[see p.19]</td>
<td>$24,000</td>
<td>3</td>
<td>T</td>
<td>Yes</td>
<td>1</td>
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<tr>
<td>Bachelor of New Media Arts*^ [see p.19] (Creativity and Innovation, Media Design, Music Sound and Moving Image, Photomedia)</td>
<td>$24,000</td>
<td>3</td>
<td>T</td>
<td>Yes</td>
<td>1</td>
<td></td>
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<tr>
<td>Bachelor of Nursing Science [see p.25]</td>
<td>$26,000</td>
<td>3</td>
<td>T,C</td>
<td>No</td>
<td>3a</td>
<td></td>
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<tr>
<td>Bachelor of Occupational Therapy [see p.25]</td>
<td>$26,000</td>
<td>4</td>
<td>T</td>
<td>No</td>
<td>2</td>
<td>One of Biology, Chemistry, Physics, Health Education or Physical Education</td>
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<tr>
<td>Bachelor of Pharmacy [see p.33]</td>
<td>$30,000</td>
<td>4</td>
<td>T</td>
<td>No</td>
<td>3a</td>
<td>Chemistry, Maths B</td>
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<td>$28,000</td>
<td>4</td>
<td>T</td>
<td>No</td>
<td>3a</td>
<td>Maths B plus one of: Chemistry, Biology, Physics, Health Education or Physical Education</td>
</tr>
<tr>
<td>Bachelor of Planning [see p.29]</td>
<td>$28,000</td>
<td>4</td>
<td>T,C</td>
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<td>Bachelor of Psychological Science [see p.25]</td>
<td>$26,000</td>
<td>3</td>
<td>T,C</td>
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<td></td>
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<tr>
<td>Bachelor of Science (Aquaculture Science and Technology, Ecology and Conservation, Environmental Management, Geography, Marine Biology, Science [General], Zoology, Zoology and Ecology) [see p.29] (Biochemistry/Molecular Biology) [see p.35] (Chemistry, Environmental and Marine Geosciences, Geology, Mathematics, Physics, Science [General]) [see p.38]</td>
<td>$30,000</td>
<td>3</td>
<td>T,C^*</td>
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<td>Maths B and Chemistry for all majors except General major (no prerequisites); Physics major (Maths B, Chemistry and Physics, or (in lieu of Physics) Maths C)</td>
</tr>
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<td>Bachelor of Science–Bachelor of Laws [see p.29/23]</td>
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<td>5</td>
<td>T,C^*</td>
<td>Yes</td>
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<td>Maths B and Chemistry for all majors except General major (no prerequisites); Physics major (Maths B, Chemistry and Physics, or (in lieu of Physics) Maths C)</td>
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<tr>
<td>Bachelor of Social Work [see p.19]</td>
<td>$24,000</td>
<td>4</td>
<td>T,C</td>
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<td>Bachelor of Speech Pathology [see p.26]</td>
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<td>No</td>
<td>See p.47</td>
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<tr>
<td>Bachelor of Sport and Exercise Science [see p.26]</td>
<td>$26,000</td>
<td>3</td>
<td>T,C</td>
<td>No</td>
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<tr>
<td>Bachelor of Sport and Exercise Science–Bachelor of Business [see p.26/21]</td>
<td>$26,000</td>
<td>4</td>
<td>T,C</td>
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<tr>
<td>Bachelor of Sport and Exercise Science–Bachelor of Education (Secondary) [see p.26/19]</td>
<td>$26,000</td>
<td>5</td>
<td>T,C</td>
<td>No</td>
<td>3c</td>
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</tr>
<tr>
<td>Bachelor of Sport and Exercise Science–Bachelor of Psychological Science [see p.26/25]</td>
<td>$26,000</td>
<td>4</td>
<td>T,C</td>
<td>No</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Sustainability [see p.31]</td>
<td>$28,000</td>
<td>3</td>
<td>C</td>
<td>Yes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Veterinary Science [see p.35]</td>
<td>$49,000</td>
<td>5</td>
<td>T</td>
<td>No</td>
<td>3a</td>
<td>Chemistry, Maths B</td>
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</table>

**DIPLOMAS**

| Diploma of Higher Education [see p.10]                              | $24,000                     | 1        | T            | Yes             | See p.47          |                                                                                        |

Campus availability: T = Townsville; C = Cairns (Internal Mode)
External mode may mean that some face-to-face teaching may be required
For Singapore campus offerings see page 8.
For Brisbane campus offerings see page 11.
English language requirements can be found on page 47.
* Not all majors available at all campuses
# Not all majors available for mid-year entry
~ Mid year entry not available at Cairns Campus
\^ This course is under review. Please contact JCU for more information.
Mathematics B refers to the study of mathematical functions and their applications, differential and integral calculus and applied statistical analysis.
Mathematics C refers to the study of concepts such as groups, real and complex number systems, matrices, vectors, calculus, mathematical structures, linear programming, conics, dynamics, and advanced periodic and exponential functions.
Students can actively participate in lectures, and the lecturers are really supportive and ready to ask your questions. It’s also a good experience to be around other students who are enthusiastic to learn.”

Shiori Kanayama
Arts
Japan

“The reason I chose to study at JCU is because I could get a multi-cultural experience, with students and lecturers from different backgrounds.

Shiori studied at JCU as a student in the Study Abroad program. Find out more at www.jcu.edu.au/international/studyabroad
Arts, Society and Education

Bachelor of Arts

The Bachelor of Arts combines subjects from the humanities and social sciences to equip students with a broad knowledge of society and culture, and to give them key skills in communication, research and critical analysis. The flexibility of this degree means it can be tailored to suit individual career aspirations. Various disciplines are combined to give graduates the capacity for reflection, planning, ethical decision-making and interdisciplinary teamwork in a diverse range of workplaces.

Majors include
- Anthropology
- Archaeology
- Criminology
- English
- Environmental Studies
- French
- Geography
- German
- History
- Human Services
- Indigenous Australian Studies
- Italian
- Japanese
- Media and Writing
- Political Science
- Psychology
- Sociology
- The Asian Century

Students complete one or two majors that are studied across all three years of the degree. It is possible for students to choose complementary subjects from other JCU courses. By combining the Bachelor of Arts with a professional degree in law, education, science or business, graduates can gain an array of skills valued by employers.

Anthropology

Course highlights
The Anthropology major provides students with a deep understanding of peoples and societies of the tropics worldwide. Students gain a unique set of transferable skills and experiences that prepare them to work across a diversity of cultural contexts, both at home and abroad.

Career opportunities
Anthropologists work in a variety of sectors, ranging from education to health, filmmaking, marketing and business. They find employment in government and non-government agencies, such as museums, universities, international development and environmental organisations, aid agencies, government departments and special research institutes. A selection of subjects for this major include
- Asia Pacific Development: Culture and Globalisation
- Medical Anthropology
- Myth and Ritual
- Culture, Knowledge and Environment
- Sex, Drugs and Human Nature
- Anthropology of Violence

Archaeology

Course highlights
This major makes the most of JCU’s tropical location and direct links to tropical Asia. Students have access to world-class, in-house geophysics equipment and can participate in site visits and fieldwork projects throughout the region. An archaeological field laboratory on the Townsville campus provides experience in field techniques.

Career opportunities
Graduates can pursue careers as consultants and advisors on specific projects relating to cultural heritage assessments, including in mineral and resource exploration industries. Graduates may gain employment with universities, museums and interpretive centres, forensic science laboratories, government departments, local councils, and communities charged with heritage protection and management. A selection of subjects for this major include
- Forensic Archaeology
- The Archaeology of Celtic Europe
- Archaeology of the Near East, Egypt and the Classical World
- Archaeology of the Ancient Maya: A Tropical Rainforest Civilisation Forensic Archaeology

Environmental Studies

Course highlights
Students at JCU have access to some of the most spectacular environments on earth, including the World Heritage listed Great Barrier Reef and the rainforests of the Wet Tropics, tropical savannah, and wetland environments. Students also benefit from the University’s close links with leading environmental management agencies.

Career opportunities
Graduates pursue careers that require an interdisciplinary understanding of the environment and society. They may find employment in areas including environmental education, environmental consultancy as well as public and private organisations with responsibilities for ecologically sustainable development. A selection of subjects for this major include
- Indigenous Environmental Management
- Environmental Law and Policy
- Environmental and Regional Planning
- Environmental Impact Assessment
- Environmental Impacts of Human Activities in Protected Areas

Geography

Course highlights
Students at JCU can experience some of the unique environments of the Great Barrier Reef, World Heritage listed rainforests of the Wet Tropics, tropical savannah and wetland environments. Students also benefit from JCU’s close links with leading resource management agencies.

Career opportunities
Geographers work for government or non-government agencies with interests in local and regional planning, disaster planning, population planning and protected area management. A selection of subjects for this major include
- Cradle to Grave: Population, Economy and the Environment
- Natural Hazards
- Terrestrial Resource Management
- Coasts and Catchments: Geomorphology and Management
- Social Impact Assessment: Environmental Management
- Disasters: Vulnerability, Mitigation and Planning

Criminology

Course highlights
Criminology is a field of social science that focuses on the causes of crime, crime prevention, the systems of social control, and the treatment, rehabilitation and punishment of criminals.

Career opportunities
Criminology graduates may pursue careers with a variety of organisations including; police services, correctional services departments, correctional facilities, juvenile justice organisations, justice departments, communities departments and community organisations. A selection of subjects for this major include
- Perspectives on Criminology
- Youth Deviance
- Green Criminology
- Crime Prevention and Community Safety

English

Course highlights
The English major at JCU is one of the more traditional of its kind in Australia. Graduates have rated the English major at JCU very highly for its intellectual interest and the enthusiastic commitment of its staff.

Career opportunities
Graduates pursue careers in journalism, editing and publishing, creative writing, research, librarianship, public relations, advertising, scriptwriting, theatre and television work. A selection of subjects for this major include
- Reading and Writing the Short Story
- Heroism and Humanism: Shakespeare and the English Renaissance
- Progress and Anxiety: The Victorian Age
- The Romantic Vision

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- Forensic Archaeology
- The Archaeology of Celtic Europe
- Archaeology of the Near East, Egypt and the Classical World
- Archaeology of the Ancient Maya: A Tropical Rainforest Civilisation Forensic Archaeology
Arts, Society and Education

History
Studying previous social and cultural conditions, along with political and economic events, can reveal unique insights into the world. Students develop skills and insights for careers that demand high levels of research and communication.

Career opportunities
History graduates may be successful in careers that require in-depth research, writing and public presentation including museums and archives, government policy, practice and law, publishing, journalism and heritage. Historians also work as independent consultants and as researchers. A selection of subjects for this major include
- Australian History
- Environmental History
- World History since 1900

Human Services

Course highlights
Students gain practical skills and experience, in addition to theoretical knowledge. Field trips, individual and group projects and subjects in practical skills are taught by highly-qualified professionals with many years of experience in professional practice.

Career opportunities
Graduates are employed in government and non-government agencies and large corporations in areas including social policy, organisational practice and social responsibility, community planning, development and disaster relief, allied health and community services. A selection of subjects for this major include
- Human Rights and Social Issues
- Aboriginal and Torres Strait Islander Skills and Frameworks for Practice
- Organisational Practice
- Developmental Approaches to Eco-Social Justice
- Working in Child and Family Welfare
- Rural Welfare

Media and Writing

Course highlights
Students gain skills across the areas of media, public relations, journalism and writing. Created and led by widely published authors and journalists, this major will prepare students for careers in independent writing, professional communicating and public relations.

Career opportunities
Through the study of a variety of writing skills, students can prepare for careers in government, non-government organisations, lobby groups and environmental agencies, as media advisors, editors, fiction or non-fiction writers, literary agents and copywriters. Journalism and writing skills, in addition to an ability to understand media and public relations, will greatly enhance career prospects in general. A selection of subjects for this major include
- Public Relations Campaigns
- Writing Convergent Stories
- Creative Writing
- Introduction to Broadcast Journalism

Psychology

Course highlights
This major is designed to give students a deeper understanding of the biological, social and cultural factors which influence how humans think, feel and behave. This major is offered to students who want an understanding of psychology to combine with another area of study. Students wishing to register as psychologists should instead take the Australian Psychological Accreditation Council’s (APAC) three year Bachelor of Psychological Sciences.

Career opportunities
Graduates of this major can pursue a diverse range of careers in government and human services organisations, business corporations, and the health sector as well as in media, market research, advertising, public relations and human resources. A selection of subjects for this major include
- Brain and Behaviour
- Health Psychology
- Forensic Psychology
- Human Development across the Lifespan
- Memory and Cognition

The Asian Century

Course highlights
The Asian Century major provides a suite of subjects that focus on common goals that confront shared social, economic, environmental, urban, demographic and educational issues. Through studies that are interdisciplinary in subject and transnational in scope, students learn of regional and global issues associated with the Asian Century.

Career opportunities
Graduates with an understanding of Asia and how engage with it are valuable assets to a workplace, within government, business or law. The research and cultural skills developed during study will enhance the skills and employability of graduates, providing that extra edge in a competitive world. A selection of subjects for this major include
- Asia Pacific Development: Culture and Globalisation
- Intercultural Psychology
- Government and Politics in Developing Areas
- International Relations and Foreign Policy
- Asian Cities
- International Exchange

Bachelor of Creative Industries

This degree is based on the Cairns campus, and is designed to produce graduates with broad creative arts and innovation expertise required for the contemporary creative industries. Majors within the Bachelor of Creative Industries are Media Design, Photomedia and Visual Arts. Practical placements with local organisations are available, giving students real world experience and valuable networking opportunities. Subjects include
- Digital Media
- Digital Photography
- Art, Artist, Environment
- Creative Industries
- Collaborative Development
- Collaborative Practice
exposed to current industry journalists so students are given access to the latest professional internship during on-site stories and complete a research project. This degree enables students to develop practical skills needed for the digital media workplace where digital art, design and imaging knowledge are in high demand.

Majors include
- Creativity and Innovation
- Media Design
- Music, Sound and Moving Image
- Photomedia

This course is subject to change in 2016. For more information please contact iscadmissions@jcu.edu.au.

**Bachelor of Social Work**

The social work profession is committed to the pursuit of social justice, the enhancement of the quality of life, and the development of the full potential of each individual, group and community in society. Social workers address the barriers, inequities and injustices that exist in society, and are actively involved in situations of personal distress and crisis.

**Course highlights**

This degree places a strong emphasis on professional practice experience. Supervised field placements with social welfare agencies ensure that students have substantial opportunity for developing professional skills in the field. This is a professionally accredited course, which includes field placements in year levels three and four.

**Career opportunities**

Graduates can pursue careers in either human services or social policy research and development. Social Workers can work for government and non-government agencies and communities, or work in private practice, providing counselling, advocacy and support services. A selection of subjects for this degree include

- Community Work
- Social Work and Mental Health
- Aboriginal and Torres Strait Islander Skills and Frameworks

**Bachelor of Education (Primary)**

Primary Education plays a major role in building the academic and social foundations for students. Primary Education teachers usually teach across all curriculum areas in primary schools however, some specialisations are also available.

**Bachelor of Education (Secondary)**

Secondary Education focuses on a phase of learning that is an integral time for young people as they develop their plans for tertiary education and work. This course will prepare students to teach a range of curriculum areas in secondary school, including accounting, biology, business, chemistry, economics, English, geography, health and physical education, history, information and communications technologies, languages, legal studies, mathematics, music and physics.

Students will enjoy innovative teaching approaches, including blended delivery of subjects and online video streaming from one campus to another. Gaining professional experience in schools is integral for students and commences in the first year of study. This involves practical work in schools and a variety of other educational sites in rural and remote locations as well as wider community settings, with some options for international experiences. All students are required to attend a compulsory five day on-campus intensive Professional Orientation program at either the Cairns or Townsville campuses in the final year of study.

**Joint degrees**

Joint degrees give students expertise in a complementary discipline and can enhance career prospects. At JCU, the Bachelor of Education (Secondary) can be combined with a Bachelor of Arts (majors in English, French, History, Geography or Japanese), a Bachelor of Science or a Bachelor of Sport and Exercise Science.
Class activities such as real business case studies has helped me to understand what to expect in the real business world. The classes have the best atmosphere and allow for cooperation and contribution from students. The course has helped me to build a solid foundation about business, that’s given me the confidence to build my own business.

He Li
Business
China

“I chose JCU because it is a world-recognised university that has helped me gain practical experiences and knowledge of current theories in business.”
### Bachelor of Business

The Bachelor of Business equips students to develop an understanding of today’s dynamic Australian and global business environment. Real work experience in a student’s chosen field ensures that they are well-equipped for the global workforce. All business students undertake Work Integrated Learning (WIL) projects, allowing students to build their own portfolio, which will assist them in gaining their first career position in business. This is a flexible course that offers a wide range of majors.

**Majors include**
- Accounting
- Business Intelligence and Information Systems
- Economics
- Financial Management
- Health Management
- Hospitality and Tourism Management
- Human Resources
- International Business
- Management
- Marketing
- Sports and Events Management

**Minors are also available**

It is also possible to study a number of double degrees at JCU. The Bachelor of Business can be combined as a joint degree with Arts, Law, Sport and Exercise Science and Psychological Science.

### Accounting

**Course highlights**
This major is for students wanting to become professionally qualified accountants. Students are equipped with a broad range of business skills. It is fully accredited with the Institute of Chartered Accountants Australia (ICAA) and Certified Practising Accountants (CPA) course also Australia. Additionally, graduates are eligible for membership with these professional bodies.

**Career opportunities**
Accounting graduates are in demand in Australia and globally. Careers include financial and management accounting, financial or chief executive officer, financial analyst, management consulting, stockbroker, merchant banker, financial management, policy advisor, taxation and financial planning, and corporate bankruptcy, insolvency and recovery. A selection of subjects for this major include:
- Accounting Principles and Systems
- Contemporary Issues in Accounting
- Business Information Systems
- Financial Management
- Business Modelling
- Law of Business Organisations

### Business Intelligence and Information Systems

**Course highlights**
In this major students gain the expertise to manage information technology systems and skills in handling unstructured data to help identify, develop and create new opportunities for business. Students are introduced to design, visual thinking, interactive media and a comprehensive overview of web technologies, vital for effective management of communication in business today.

**Career opportunities**
Graduates from this major can pursue a broad range of careers; as a business analyst, information systems manager, security analyst, security consultant, systems analyst, information systems consultant, project manager and multi-media designer. A selection of subjects for this major include:
- Fundamentals of Problem Solving and Programming
- Interactive Media and Web Technologies
- Information Processing and Management
- Collective Intelligence and Social Networks
- Business Intelligence and Data Mining
- Enterprise and Information Security

### Economics

**Course highlights**
Students study problems associated with the labour market, human resource management, exchange rates, profitability, politics, social welfare, financial fragility and the environment. This major offers choice and flexibility; students can enhance their economics expertise by including other specialist subjects in economics and econometrics.

**Career opportunities**
Graduates may find employment as professional economists in a range of areas, including consulting, economic policy development, economic modelling, investment and trade, banking (merchant, trading and reserve), natural resources and agriculture, non-government agencies, private industry, government departments, research organisations and universities. A selection of subjects for this major include:
- Managerial Economics
- Economic Growth and Sustainable Development
- Contemporary Economic Policy and Social Welfare
- Data Collection, Analysis and Interpretation in Economics
- Economics and Sustainable Resource Management
- Behavioural Economics for Sustainable Policy

### Financial Management

**Course highlights**
Students discover how to create and manage wealth in today’s globalised economy. Studies are concerned with investment decisions, financing decisions of a firm and the development of risk hedging strategies so as to minimise the damaging effects of adverse movements in share prices, interest rates, exchange rates and other uncertainties.

**Career opportunities**
Graduates may have the financial expertise to pursue a broad range of careers; as a banker, compliance officer, financial manager, financial analyst, financial planner, financial institution manager, fund manager, investment analyst, investment banker, stockbroker or financial researcher. A selection of subjects for this major include:
- Multinational Business Finance
- Business Modelling
- Risk Management
- Cost Benefit Analysis
- Performance Management and Control
- Financial Institutions and Markets

### Health Management

**Course highlights**
Health Management has been developed around the needs of health organisations in the tropics, with particular focus on Papua New Guinea (PNG), and beyond. Students leave university well-prepared for the workplace and equipped with world-class skills to work in remote regions, with little supervision and limited resources. This integrated, theoretically grounded program covers principles and practice of health management across a complex and diverse range of contexts. The major features a range of industry speakers, case studies and practical projects involving real health management issues, challenges and problems.

**Career opportunities**
Graduates pursue a broad range of careers, including as a health information service manager, practice manager, health admissions coordinator, client
service coordinator, patient liaison administrator, administration officer for a human health team, and a wide range of careers in government health organisations. A selection of subjects for this major include:
- Professional Ethics in Health Management
- Public Relations Campaigns
- Applied Health Leadership and Management in Developing Countries
- Social Marketing
- Health Planning and Policy
- Business Negotiation

**Hospitality and Tourism Management**

**Course highlights**
Students explore particular types of hospitality and tourism operations within a sustainable tropical tourism context. Through examining case studies students gain knowledge and skills focussed on the management of a wide range of tourism and hospitality services. A key focus is on how tourist experiences and destinations are planned and managed to support sustainable tourism.

**Career opportunities**
With further hospitality and tourism expertise students may pursue a broad range of successful careers; as a destination coordinator, local Government tourism development officer, events sales executive, transport, attraction or recreation manager, club duty manager, events operations manager, tourism research officer, hospitality venue manager or as a travel consultant.

**Human Resources Management**

**Course highlights**
Students learn how to hire, promote and develop the right management and staff. Specialist studies in areas of strategic human resources management, recruitment, training and development, employee relations and remuneration are integrated with general business subjects, to ensure students develop relevant managerial skills alongside a broader business education.

**Career opportunities**
Graduates pursue a broad range of careers, as a chief executive officer, business manager, business consultant, entrepreneur, administrative officer and senior executive officers or senior management roles in areas such as strategic planning, total quality management/operations, public relations, advertising or human resources and finance. A selection of subjects for this major include:
- Personnel Economics
- Managing People
- Change Management
- Managing a Global Workforce
- Contemporary Issues in Human Resources Management
- Business Negotiation

**International Business**

**Course highlights**
Students learn how to understand the advantages, challenges and issues of doing business and managing organisations in a complex and uncertain global business environment. After completing this major, students will have a well-rounded knowledge of international business relations that is highly transferable and in demand locally, nationally and internationally.

**Career opportunities**
Graduates have a unique edge in pursuing a broad range of careers, as foreign affairs and trade advisor/manager, manager of country or regional operations, international management consultant, managerial roles in export/import, international operations manager, international marketing manager or as a logistics manager.

**Marketing**

**Course highlights**
Students study the practical aspects of developing and implementing marketing strategies and campaigns, using real life case studies to explore the role that marketing plays in building profitable organisations. In addition to examining best practices and techniques, students learn how companies undertake market research in order to make informed decisions.

**Career opportunities**
Graduates pursue a broad range of successful careers as; an advertising executive, brand or product manager, direct marketing consultant, electronic marketer, interactive marketer, international marketing consultant, market researcher, marketing coordinator or public relations officer. A selection of subjects for this major include:
- Project Management
- Tourism and Leisure Management
- Visitor and Crowd Behaviour Management
- Destination Management and Planning
- Public Relations Campaigns
- Sport and Entertainment Law

**Bachelor of Information Technology**

The Bachelor of Information Technology (IT) provides students with essential knowledge and skills to work as professionals in a fast changing and dynamic world. Students engage in a series of applied projects throughout the course to provide real world experience. All students undertake Work Integrated Learning (WIL) projects, allowing students to build their own portfolio, which will assist them in gaining their first career position in information technology.
Course highlights
Students have the opportunity to be involved in a ‘sprint’ or ‘hackathon’ event in each year of the course. Students learn approaches to creative group problem solving in multi-disciplinary teams in the form of a one-day event. The ‘sprint’ environment provides students with an opportunity to develop these skills via a short-term practical event to collectively analyse a problem, design a practical solution and implement a solution in a single day.

Career opportunities
Graduates can pursue a range of exciting careers; as a network administrator and designer, system analyst, software developer, application developer, IT researcher, IT manager, system administrator, multimedia developer, game designer/tester/reviewer, simulation designer, project manager, enterprise architect, consultant, story boarder, web designer or as a mobile application developer. A selection of subjects for this course include:
- Fundamentals of Problem Solving and Programming
- Internet Fundamentals
- Design Thinking
- Programming I
- Games for Business and Gamification
- Interactive Media and Web technologies
- Database Modelling
- Design Thinking and Creative IT Industries

Bachelor of Laws and Bachelor of Laws (Graduate Entry)
JCU’s four-year Bachelor of Laws focuses strongly on providing professional relevance and practical application. The Bachelor of Laws (Graduate Entry) is a three-year program that maintains the same focus and is designed for students who already hold a Bachelor degree in another field who wish to gain a qualification in law. All students undertake Work Integrated Learning (WIL) projects, allowing students to build their own portfolio, gain industry experience and enhance job prospects. The Bachelor of Laws can be combined as a joint degree with Business, Arts and Science.

Career opportunities
Graduates have internationally transferable skills. Opportunities for careers inside and out of legal practice range from administrative law, bankruptcy and insolvency, barrister or solicitor, business and commercial law, community sector, corporate sector, criminal law, defence, estate planning, family law, governance, government, property and technology law, and taxation law. A selection of subjects for this course include:
- Legal Institutions and Processes
- Legal Research, Writing and Analysis
- Law Society and Change
- Principles of Equity
- Evidence
- Commercial and Personal Property Law
- Company and Partnership Law
- Legal Ethics and Trust Accounting

Need more Info? Visit www.jcu.edu.au/courses
JCU has cutting-edge facilities to support students, including an Occupational Therapy clinic, a Speech Pathology clinic, strength and conditioning laboratories, and an Exercise Testing and Rehabilitation clinic.
Healthcare Sciences

Bachelor of Nursing Science
This course places an emphasis on tropical health issues and nursing for rural, remote, tropical and Indigenous communities. It takes a holistic approach to full physiological patient assessment and clinical skills, with training in mental and physical health. JCU has close partnerships with local hospitals and health organisations. This course is accredited by the Australian Nursing and Midwifery Accreditation Council (ANMAC).

Course highlights
JCU’s Bachelor of Nursing Science focuses on the theoretical and applied dimensions of human caring. Theoretical modules are linked with practical experience through supervised clinical practice, from the first year of study.

Career opportunities
This course has one of the highest levels of clinical practice available in Australia, with placement options in medical, surgical and gerontological units, maternity, critical care, mental health facilities, drug and alcohol services, mine sites and Indigenous communities. Graduates may be eligible to apply for registration to the Australian Health Practitioner Regulation Agency (AHPRA) to become registered nurses in Australia and overseas. A selection of subjects for this course include
- Physiological Systems and Processes
- Communication for Nursing and Midwifery
- Lifespan Development for Health
- Clinical Nursing Practice
- Primary Health Care
- Law and Ethics for Nursing and Midwifery
- Human Pathophysiology and Pharmacology
- Grief and Crisis Management

Bachelor of Occupational Therapy
Occupational therapists focus on helping people overcome limitations caused by injury or illness, psychological or emotional difficulties, development delay, or the effects of ageing. This course includes studies in health science and health promotion, and professional placements in the region.

Course highlights
Students are given the skills needed to be high quality graduates for all areas of practice, with a particular focus on rural and remote health. Graduates are eligible to register for practice in Queensland through the Australian Health Practitioner Regulation Agency (AHPRA), and for membership to the Australian Association of Occupational Therapists. This course meets World Federation of Occupational Therapists’ (WFOT) accreditation.

Career opportunities
Occupational therapists are in demand in Australia and the world. Graduates can pursue careers in private practice, in hospitals and medical rehabilitation units, community health centres, occupational health centres, aged care facilities, vocational rehabilitation units, independent living centres, schools and pharmacies. Many occupational therapists also travel and work overseas. A selection of subjects for this course include
- Anatomy and Physiology for Occupational Therapy
- Health Promotion for Health Professionals
- Physical and Cognitive-neurological Determinants of Occupation
- Rural and Remote Primary and Public Health Care
- Psycho-emotional Determinants of Occupation
- Clinical Medicine for Therapy
- Rural and Urban Practice
- Contemporary Issues for Health Professionals

Bachelor of Physiotherapy
Physiotherapists are health professionals whose primary focus is the restoration of movement and function to improve quality of life. This course combines health science subjects such as anatomy, physiology, human movement analysis, and exercise for rehabilitation. Clinical placements are a key component, with students based in a range of professional settings throughout Queensland in their final year.

Course highlights
Students undertake one year of clinical placement, with exposure to areas including neurology, cardio-respiratory and musculoskeletal physiotherapy. An on-campus physiotherapy clinic can enable students to gain practical experience. This course has full accreditation with the Australian Council of Physiotherapy.

Career opportunities
Physiotherapists can work in hospitals, rehabilitation units, community health centres, schools and industry settings, as career researchers, in private practice, and sports medicine clinics. A selection of subjects for this course include
- Anatomy and Physiology for Physiotherapy
- Lifespan Development for Health
- Neuroscience for Physiotherapy
- Physiotherapy Applications across the Lifespan
- Complex cases in rural, remote and Indigenous communities
- Contemporary Issues for Physiotherapists
- Advanced Topics in Physiotherapy

Bachelor of Psychological Science
Psychology is the scientific study of human behaviour, mental functions and social processes, with the aim to benefit individuals and society. Graduates of this course who want to become fully registered as psychologists must complete an accredited fourth year course, and are also required to undertake an additional two years of postgraduate study or internship. Once this is complete graduates are eligible for associate membership with the Australian Psychological Society and provisional registration with the Psychology Board of Australia.

Course highlights
Students explore current concepts and historical developments in psychology, and develop knowledge in the methods and ethics of scientific investigation and evidence based practice. The course is accredited by the Australian Psychology Accreditation Council (APAC).

Career opportunities
In the first three years of study students can elect to enrol in a wide range of psychology subjects that will give them an introduction into specialised fields such as, clinical psychology, health psychology, environmental psychology, intercultural psychology, behavioural research design and analysis, personality, neuroscience, developmental psychology, counselling, cognition and learning, forensic psychology and psychological assessment.

This course can be taken jointly with the Bachelor of Business or the Bachelor of Sport and Exercise Science.
Bachelor of Speech Pathology

Speech pathologists work with people of all ages who have difficulties communicating or swallowing. Students will learn about the study of health science, human behaviour, anatomy, physiology, linguistics, and phonetics. Students develop the knowledge, skills and personal qualities required to work with people with communication and swallowing disorders. JCU facilities for speech pathology students are state of-the-art, with teaching rooms in a new rehabilitation sciences facility that includes a fully operational speech pathology clinic.

Course highlights
The program is accredited by the Speech Pathology Association of Australia and graduates are eligible for membership with Speech Pathology Australia. Early clinical experiences take place in the Speech and Language Clinic under the supervision of JCU speech pathology clinical educators. Placements are based in a range of professional settings.

Career opportunities
Graduates can pursue rewarding careers in a variety of settings, including early intervention, school education departments, community health centres, hospitals, rehabilitation units, nursing homes, mental health services, specialist disability agencies, private practice, and university research. A selection of subjects for this course include:
- Health and Health Care in Australia
- Language Development and Impairment
- Speech Development and Impairment
- Linguistics and Phonetics
- Clinical Medicine for Therapy
- Anatomy and Physiology for Speech Pathology
- Swallowing impairments across the lifespan
- Voice Impairment

Bachelor of Sport and Exercise Science

This course focuses on the role of exercise in the enhancement of human performance in occupational, educational, sport, exercise, and leisure settings, as well as disease prevention and acute injury rehabilitation. Students experience practical placement to develop personal and professional skills.

Course highlights
Graduates are eligible to apply for accreditation with Exercise and Sports Science Australia (ESSA). Students gain skills within a range of practical settings, including local community centres, service academies, elite sporting academies such as the Australian Institute of Sport, corporate health and fitness programs, and local school and sporting teams.

Career opportunities
Graduates have a diverse range of career opportunities; in sport and recreation organisations, corporate and community health services, schools, universities, sporting clubs, teams, and in leisure settings. With further study, graduates may attain accredited exercise physiology status. A selection of subjects for this course include:
- Anatomy and Physiology for Sport and Exercise Science
- Sport and Exercise Nutrition
- Physiological Basis of Sport and Exercise
- Strength Training and Conditioning
- Advanced Biomechanics
- Environmental and Sports Medicine
- Dynamics of Sport and Exercise Behaviour
- Sport and Exercise Science Practice

This degree can be taken as a joint degree with the Bachelor of Education (Secondary), Bachelor of Business or the Bachelor of Psychological Science.
During JCU’s Completion Gathering, Dominic Schmid from Germany is congratulated by the Vice-Chancellor and President of JCU, Professor Sandra Harding, for concluding his studies. The International Student Support team host this event, and various other social and academic events, throughout the year.
The University offers students the opportunity to go on field trips to expand their knowledge of different environments. JCU also supports students by arranging many events and services, which made me feel at home.”

Celina Burkholz
Marine Biology
Germany

“I chose to study at JCU because it is the perfect location to study biology, as it’s close to the Great Barrier Reef and tropical rainforests. 
Marine and Environmental Sciences

**Bachelor of Marine Science**

JCU is known around the world as a leader in marine science. This course has a field-oriented and hands-on approach and is recognised for excellence in both teaching and research. Students have unique access to outstanding facilities and natural environments, including JCU’s Orpheus Island Research Station, the coral reefs of the Great Barrier Reef, and a variety of tropical marine systems. JCU students are well-facilitated, with access to a research vessel, research aquarium and laboratories. Graduates are eligible to join the Australian Marine Science Association, the Australian Coral Reef Society, and numerous other professional bodies.

**Course highlights**

JCU is recognised around the world as a leading institution for marine science with six of the world’s top 10 coral reef biologists at JCU. This is a multidisciplinary course, ensuring generic skills so students can respond to changes in the job market for marine science worldwide.

**Career opportunities**

Graduates can pursue careers throughout the world with private and government agencies, as private consultants in conservation policy and environmental management, impact assessment, tourism and education. Graduates with higher qualifications and research experience pursue research careers in universities or research organisations. A selection of subjects for this course include:

- The Diversity of Animal Life
- Environmental Processes and Global Change
- Coasts and Catchments: Geomorphology
- Biological Oceanography
- Fisheries Science
- Coral Reef Ecology
- Fluid Mechanics
- Oceanography and Meteorology

**Bachelor of Business and Environmental Science**

Environmental sustainability is now a key business consideration. A major in Aquaculture offers students the unique opportunity to play a role in the world’s fastest growing primary production industry as it expands through Asia. This major provides the decision-making and business capabilities for a career in aquaculture production, environmental policy, marine resource management, aquaculture, marketing and business management.

**Course highlights**

JCU is a world leading university in environmental science. A substantial range of subjects in business, environmental and marine science and aquaculture allow students to develop generic skills and broad-based cross-disciplinary knowledge in these developing fields.

**Career opportunities**

Graduates can work as environmental advisers to businesses, advisers of the use of natural resources, academics and consultants. A selection of subjects for this course include:

- Environmental Processes and Global Change
- Sustainability in Practice
- Sustainable Aquaculture
- Marine Ecology and Environmental Assessment
- Environmental Economics
- Business, Environment and Society in the Tropics
- Economics for Sustainable Business
- Managing People

**Aquatourism Science and Technology**

**Course highlights**

This major prepares students for a future in one of the world’s fastest growing primary industries. JCU’s strong links with peak aquaculture industries and research providers give students valuable practical and research experience based on latest developments in the industry. As well as teaching fundamental aquaculture principles, the course has a strong emphasis on the sustainable aquaculture of tropical species. Access to the JCU Orpheus Island Research Station, located in the Great Barrier Reef Marine Park, allows students to work in the field with sponge, reef fish and mollusc culture, while having easy access to temperature controlled rooms, laboratories and lecture theatres.

**Career opportunities**

Graduates can choose from a range of career options; from technical positions in hatcheries and grow-out facilities, to managerial and research roles. Graduates can pursue careers as business managers, policy developers or government administrators in commercial fish farms, public and private hatcheries, aquaculture and aligned industries.
(food production, pollution and disease control and specialist equipment), biotechnology companies, fisheries management, environmental protection and conservation. A selection of subjects for this major include:

- Aquaculture of Tropical Species
- Marine Microbiology
- Aquaculture: Systems Design
- Aquaculture: Stock Improvement
- Aquaculture: Propagation of Species
- Aquaculture: Feeds and Nutrition

**Environmental Management**

**Course highlights**

This major provides an understanding of the environmental challenges facing humankind. This course is for students who enjoy fieldwork, and are interested in learning how to solve environmental problems. Both Cairns and Townsville campuses are close to the World Heritage listed Wet Tropics rainforests and the Great Barrier Reef.

**Career opportunities**

Environmental managers use their interdisciplinary training to work in a range of environmental planning and management areas including environmental impact assessment, conservation and land management, coastal zone management, pollution management, mine site rehabilitation, environmental planning, and environmental education. A selection of subjects for this major include:

- Field Studies in Tropical Water and Soil Science
- Environmental Impact Assessment
- Geographical Information Systems
- Planning for Sustainable Communities in a Changing Environment
- Conserving Tropical Rainforests
- Managing Tropical Fisheries

**Ecology and Conservation**

JCU is renowned for its teaching and research in biological science. Amongst JCU’s teaching staff are world leaders in their research fields; JCU was ranked first in Australia for Environment and Ecology citations by Thompson’s Essential Science Indicators. Students have access to a range of environments in the region for field trips and practical study, including the World Heritage rainforests of the Wet Tropics and the Great Barrier Reef Marine Park.

**Career opportunities**

Graduates can find employment locally, nationally and internationally as researchers, academics, teachers, environmental assessors and consultants in universities, research organisations, government agencies and environmental consultancy firms, including those agencies listed above. With further study graduates can progress into a research career in ecology. A selection of subjects for this major include:

- Ecological Genetics
- Adaptation to Environmental Change
- From Icehouse to Greenhouse
- Conservation Biology
- Population and Community Ecology
- Rainforest Ecosystems

**Geography**

**Course highlights**

This major has a strong focus on field skills and problem solving and provides students with a broad range of skills in natural resource management and research.

**Career opportunities**

Geographers are big picture professionals - they work in government and non-government organisations with interests in local and regional planning, disaster planning, population planning and protected area management. A selection of subjects for this major include:

- Evolution of the Earth
- Cradle to Grave

**Science (General)**

**Course highlights**

This major aims to meet the needs of two groups of students. If a student does not meet the prerequisites of the disciplinary majors under the Bachelor of Science degree they can use this general major as a pathway into the disciplinary majors. Alternatively, some students choose to stay in the general major as it offers the flexibility to complete a wide variety of science subjects from different discipline areas. JCU is renowned for its teaching and research excellence in science.

**Career opportunities**

Graduates can pursue careers in government, education (with further qualifications), in interpretive tourism and in many other areas. A selection of subjects for this major include:

- Science: Nature, Knowledge and Understanding
- Modelling Natural Systems
- Chemistry: A Central Science or Chemistry for the Natural Sciences
- Students in the General Science major also need to study:
  - Preparatory Chemistry
  - Preparatory Mathematics

**Zoology (Townsville)**

**Course highlights**

JCU is well equipped to make the most of its ready access to the superb richness of the tropical fauna and diverse environments: reef to rainforest, and wetlands to savanna. JCU has modern laboratories and field stations in a variety of habitats. Students have numerous opportunities for field work, starting from their first semester and finishing with an opportunity to spend two weeks conducting research in the tropical forests of Borneo. This major is available on the Townsville campus.

**Career opportunities**

Zoology graduates are employed in ecological, educational and conservation related fields including national park management, faunal assessment...
and species conservation, pest and disease control, university teaching and research, museum collecting and research, and zoos. A selection of subjects for this major include

- Australian Vertebrate Fauna
- Invertebrate Biology
- Adaptation to Environmental Change
- Behavioural Ecology
- Wildlife Ecology and Management
- Field Studies in the Equatorial Tropics: Borneo

**Course highlights**

This major is available on the Cairns campus and combines the detailed study of animals with studies of how plants and animals interact with each other and with their surrounding environments.

**Career opportunities**

Graduates find employment globally as environmental scientists, officers or consultants, or as researchers, academics in environmental consultancy firms, government agencies, universities, and government or commercial research organisations. A selection of subjects for this major include

- Ecological Research Methods
- Field Ecology
- Venomous Australian Animals
- Conservation Biology
- Tropical Flora of Australia
- Tropical Entomology

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**Bachelor of Sustainability**

The Bachelor of Sustainability incorporates conservation, planning, resource management, tourism, agriculture, environmental science and business. The course takes full advantage of the exceptional fieldwork facilities at JCU, from reef to rainforest. Students can choose one of three streams; business, science and social science.

**Course highlights**

This degree produces graduates with the cross-disciplinary skills required to join the rapidly expanding green jobs sector. Students will gain a broad understanding of sustainability issues combined with disciplinary competence that will enable them to influence policies, programs and corporate direction as sustainability professionals.

**Career opportunities**

Graduates will have the opportunity to take on strategic and policy roles in both government and private industry. A selection of subjects for this course include

- Environmental Processes and Global Change
- Introduction to Sustainability
- Cradle to Grave: Population, Economy and Environment
- Developmental Approaches to Eco-Social Justice
- Ecology: Distribution, Abundance and Diversity
- Human Geography
- Environmental Economics
- Environmental Law and Policy

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**Zoology and Ecology (Cairns)**

This major is available on the Cairns campus and combines the detailed study of animals with studies of how plants and animals interact with each other and with their surrounding environments.

**Course highlights**

This major is available on the Cairns campus and combines the detailed study of animals with studies of how plants and animals interact with each other and with their surrounding environments.

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Need more Info? Visit [www.jcu.edu.au/courses](http://www.jcu.edu.au/courses)
Medicine at JCU is focused a lot on rural and tropical medicine and that’s what makes it special. Students experience ‘hands-on’ learning and will learn how to become innovative and critical thinkers.”

Alan Hu
Medicine and Surgery
Malaysia

“I chose to study at JCU because it’s recognised as an innovative and research focussed university, and for the forward-looking approach of its courses. The lecturers take student feedback seriously, and the course is designed to enhance our learning.

Medicine at JCU is focused a lot on rural and tropical medicine and that’s what makes it special. Students experience ‘hands-on’ learning and will learn how to become innovative and critical thinkers.”
Medicine and Dentistry

**Bachelor of Dental Surgery**

Dentists are registered healthcare professionals who specialise in the care of teeth, gums, bone support and the mouth. This five-year course encompasses all aspects of dental practice, with a special focus on tropical, rural and Indigenous dentistry. Basic sciences are integrated with dental clinical sciences and preventive oral health strategies. Practical experience with treating patients is a key part of the curriculum. Students will train alongside leading practitioners to develop hands-on clinical skills.

**Course highlights**

JCU applies the latest educational techniques and technologies in state-of-the-art dental teaching facilities on the Cairns campus. Graduates will be eligible for professional registration with all dental boards in Australia and New Zealand, enabling them to enter dental practice.

**Career opportunities**

There is a high demand for dentists both in Australia and internationally. Registered dentists work in private practice, public sector clinics, the defence force, teaching and research or speciality practice following further study. A selection of subjects include

- Anatomy and Physiology for Dentists
- Chemistry for the Dental Sciences
- Pathophysiology and Therapeutics for Dentistry
- Rural, Remote and Primary Public Health Care
- Introduction to Dental Science
- Operative Dentistry
- Clinical Dentistry
- Clinical Practice

**Townsville Hospital**, the largest teaching hospital in regional Australia. The course includes clinical exposure from first year, with students spending at least 20 weeks on placement in small rural and remote communities. The course is accredited by the Australian Medical Council.

**Course highlights**

The course follows a modern and innovative curriculum taught in state-of-the-art facilities. Students undertake professional placements in hospitals and community pharmacies in rural and urban settings. Further research facilities allow students to conduct Honours projects and postgraduate study in pharmacy practice and the pharmaceutical sciences.

**Career opportunities**

Graduates can pursue careers in hospital or community pharmacies, establish their own pharmacy practice or work in regulatory and drug management facilities. Other employment opportunities include industrial pharmacy, the defence force or the public service. With further study, there are opportunities in university teaching, medical research and drug development in pharmaceutical companies. A selection of subjects include

- Advanced Clinical Medicine
- Integrated Clinical Practice
- Integrated Human System Pathophysiology
- Integrated Pathology and Clinical Medicine
- Introduction to Integrated Medical Studies
- Introduction to Clinical Healthcare

**Bachelor of Medicine-Bachelor of Surgery**

Doctors prevent, diagnose, care for and treat illness, disease and injury in humans. JCU’s medical course is underpinned by a concern for social justice, innovation and excellence in medical education, research and service. JCU offers first-rate medical teaching facilities on the Townsville campus and sites throughout northern Australia. Graduates will have skills and knowledge in rural and remote health, and in responding to the distinctive needs of populations in the tropics. Students are based in Townsville for the first three years, and both Townsville and Cairns in the fourth year. Students in their fifth and sixth year will spend most of their time in hospitals and health services in regional Australia.

**Course highlights**

Students enjoy small-group teaching, modern facilities and early clinical practice. The JCU medical precinct is opposite the Townsville Hospital, the largest teaching hospital in regional Australia. The course includes clinical exposure from first year, with students spending at least 20 weeks on placement in small rural and remote communities. The course is accredited by the Australian Medical Council.

**Course highlights**

Doctors and surgeons are in high demand world-wide. Graduates are eligible for professional registration with all medical boards in Australia and New Zealand, which enables them to enter supervised medical practice as interns anywhere in Australia, and prepares them to progress to any medical speciality. A selection of subjects include

- Advanced Clinical Medicine
- Integrated Clinical Practice
- Integrated Human System Pathophysiology
- Integrated Pathology and Clinical Medicine
- Introduction to Integrated Medical Studies
- Introduction to Clinical Healthcare

**Career opportunities**

Doctors and surgeons are in high demand world-wide. Graduates are eligible for professional registration with all medical boards in Australia and New Zealand, which enables them to enter supervised medical practice as interns anywhere in Australia, and prepares them to progress to any medical speciality. A selection of subjects include

- Advanced Clinical Medicine
- Integrated Clinical Practice
- Integrated Human System Pathophysiology
- Integrated Pathology and Clinical Medicine
- Introduction to Integrated Medical Studies
- Introduction to Clinical Healthcare

**Bachelor of Pharmacy**

Pharmacy is the branch of medical science concerned with the sources, nature, properties, preparation, and use of medicinal drugs. The Bachelor of Pharmacy will give students the knowledge and skills to practise as pharmacists and health care professionals. Students gain experience through professional placements.

**Course highlights**

The course follows a modern and innovative curriculum taught in state-of-the-art facilities. Students undertake professional placements in hospitals and community pharmacies in rural and urban settings. Further research facilities allow students to conduct Honours projects and postgraduate study in pharmacy practice and the pharmaceutical sciences.

**Career opportunities**

Graduates can pursue careers in hospital or community pharmacies, establish their own pharmacy practice or work in regulatory and drug management facilities. Other employment opportunities include industrial pharmacy, the defence force or the public service. With further study, there are opportunities in university teaching, medical research and drug development in pharmaceutical companies. A selection of subjects include

- Biochemistry and Microbiology
- Dermatology for Pharmacists
- Human Anatomy and Physiology
- Integrated Metabolism and Nutrition for Pharmacists
- Molecular Basis of Therapeutics
- Musculoskeletal Pharmacy
- Nervous System and Mental Health for Pharmacists
- Oncology, Haematology and Toxicology for Pharmacists
Courses within the College of Public Health, Medical and Veterinary Sciences offer a particular focus on the challenges facing health professionals working in tropical, rural and remote environments.
Public Health, Medical and Veterinary Sciences

**Bachelor of Biomedical Sciences**

The biomedical sciences are the foundation for the clinical practice of veterinary and human medicine. The course spans the study of anatomy, physiology, pharmacology, biochemistry, microbiology, parasitology, immunology, pathology and epidemiology. Graduates majoring in Microbiology can apply for membership of the Australian Society for Microbiology.

**Course highlights**
Most subjects include a substantial practical component, drawing on JCU’s close links with local hospitals and private laboratories. Extensive practical experience is offered in well-equipped dedicated teaching laboratories.

**Career opportunities**
Employer’s in today’s workplaces demand a dynamic range of skills that encompass many specialties. This multidisciplinary course, with contributions from several departments within JCU, equips students to pursue a wide range of careers. Biomedical scientists can pursue well-paid careers in hospital research laboratories, universities and research institutes, and in food biotechnology and pharmaceutical industries.

A selection of subjects for this course include:
- Biochemistry and Microbiology
- Chemistry: A Central Science
- Medical Physiology
- Clinical Microbiology
- Biomedicine in the Tropics
- Infectious Diseases and Immunology

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**Bachelor of Medical Laboratory Science**

This course integrates academic study with clinical placements in medical laboratories in Australia and Papua New Guinea. The course has an emphasis on the unique needs and challenges of medical science in the tropics. It provides students with a firm grounding in chemistry, biochemistry, molecular biology, anatomy, physiology, pathophysiology, microbiology and infectious diseases and immunology. The degree is accredited with the Australian Institute of Medical Scientists, enabling graduates to qualify for work in Australia or overseas.

**Course highlights**
Students in fourth year undertake three months of clinical placements in regional and urban medical laboratories. JCU has superb modern teaching facilities, JCU for the students to effectively acquire the skills they need in medical laboratory science. Majors available include biochemistry, microbiology, and physiology.

**Career opportunities**
Graduates can find rewarding careers as pathology scientists in the public hospital system and private pathology laboratories. Other employment opportunities exist within veterinary diagnostic laboratories, as well as public and private laboratories that focus on forensic science, food and water quality, pharmaceuticals, and toxicology. A selection of subjects for this course include:
- Chemistry: A central science
- Medical Physiology
- Molecular Genetics
- Introductory Infectious Diseases and Immunobiology
- Genes, Genomes and Development
- Clinical Microbiology
- Systemic Pathophysiology and Therapeutics
- Haematology
- Clinical Placement

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**Bachelor of Science**

Science students at JCU enjoy exceptional opportunities for practical experience and field trips throughout their courses.

The Biochemistry/Molecular Biology major offers substantial, practical components, drawing on JCU’s close links with local hospitals, industry and research bodies.

**Biochemistry/ Molecular Biology**

**Course highlights**
Along with excellent laboratory facilities and a regular program of visiting lecturers, students learn how cells survive, how they break down compounds and harvest the energy contained within them, how these processes are integrated and the ways in which biochemical processes are regulated. Students also learn the basic principles of molecular biology and the tools used in gene cloning.

**Career opportunities**
Graduates gain experience, academic knowledge and laboratory skills required for almost any job in a wide range of scientific disciplines, supporting a range of employment opportunities. Career opportunities can be in pathology and hospital laboratories, food, biotechnology and pharmaceutical industries, government departments and research laboratories. A selection of subjects for this major include:
- Molecular Genetics
- Genes, Genomes and Development
- Advanced Cell Biology
- Special Topics in Biochemistry and Molecular Biology
- Instrumental Analytical Techniques
- Mechanisms of Infectious Diseases

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**Bachelor of Veterinary Science**

Veterinarians play a major role in the healthcare of pets, livestock, zoo animals, wildlife, sporting and laboratory animals. This course provides students with the knowledge and skills to diagnose, treat and prevent disease in a wide range of animals. The final year of the course is devoted to clinical and professional training in a series of clinical and professional rotations.

**Course highlights**
Students complete a series of clinical placements and practical work, where they learn about various animal industries and experience the broad range of clinical care. Students have full access to state-of-the-art teaching facilities; including teaching laboratories, the JCU Veterinary Emergency Centre and Hospital, JCU’s tropical research cattle station and the JCU Tableland Veterinary Teaching Resource Centre. The degree is accredited by the Australasian Veterinary Boards Council and graduates are eligible for professional registration with all veterinary boards in Australia, New Zealand and the United Kingdom, enabling them to enter veterinary practice.

**Career opportunities**
Veterinarians can work in a private practice as small animal practitioners or as rural practitioners. They also may work with government agencies in animal disease control, animal production, livestock inspection, and quarantine. With further study, graduates can pursue research careers. A selection of subjects for this course include:
- Chemistry: A Central Science
- Veterinary Professional Life
- Cell Biology and Biochemistry for Veterinary Science and Agriculture
- Introductory Plants and Animals for Veterinary Science
- Integrated Animal Structure and Function
- Transitions from Health to Disease
- Veterinary Clinical Sciences
- Veterinary Clinical and Professional Practice
Asbjoern Harder
Engineering
Denmark

“The quality of the education I received was as I expected, from a top university like JCU.

I chose JCU as I was very intrigued by the geographical location of the university. Additionally, the courses sounded very interesting when I researched them on the website. The best thing about my course has been the stimulating material and subjects.”
Bachelor of Engineering (Honours)

Engineers apply scientific knowledge and mathematics to solve problems or meet challenges at a technical, commercial and societal level. JCU’s comprehensive Engineering teaching facilities provide valuable hands-on experience in various engineering specialisations. Graduates are eligible for membership with Engineers Australia and other professional bodies, as well as being accredited in countries including the USA, Canada, UK, Ireland, Hong Kong, Japan, Malaysia, New Zealand and South Africa.

Majors include
- Chemical
- Civil
- Electrical and Electronic
- Mechanical

After a common first year, engineering students choose one major, according to their interests and future career aspirations. The course involves significant laboratory and design works at all levels, as well as 12 weeks of paid industry-based placement. The Bachelor of Engineering can be taken as a joint degree with most majors in the Bachelor of Science or Bachelor of Information Technology. All students complete a thesis in their final year, and may also be able to include a minor in their degree, including: Sustainability, Mining and Minerals, Mathematics, Physics, Software, Intelligent Systems, Infrastructure and Planning, Materials and Mechanical Design, Water and Waste Water.

Chemical Engineering

Course highlights
In this major students learn about the design, development, and commissioning of processes that ultimately convert raw materials into useful products. Local industries actively support this program by giving access to industrial plants, acting as specialist guest lecturers and supporting cutting edge student design and research projects. Strong industry links with many of the process industries in the region provide excellent opportunities for professional placement.

Career opportunities
Chemical engineers are in high demand across the world. JCU graduates have particular expertise in extracting metallurgy, waste water treatment, pharmaceutical product manufacturing, safety management, and environmental assessment. A selection of subjects for this major include
- Process Analysis
- Chemical Engineering Thermodynamics
- Reactor Design
- Process Safety, Design and Management
- Chemical Engineering Design
- Mineral and Solids Processing

Civil Engineering

Course highlights
Students are introduced to the design of timber, steel and concrete structures, the principles of fluid mechanics, environmental and geotechnical engineering, surveying and road design. Leading professional engineers teach design subjects emphasising real world structural, geotechnical, transportation and environmental engineering challenges and solutions.

Career opportunities
Civil engineers are employed in public utilities, government departments, private companies, and non-government agencies involved in community development and disaster recovery. They are trained to work in planning, design, construction and maintenance of buildings, roads, bridges, railways, dams, port facilities, water supply and wastewater treatment systems. A selection of subjects for this major include
- Engineering Strength of Materials
- Introduction to Structural Design
- Design of Steel and Concrete Structures
- Foundation Engineering and Rock Mechanics
- Civil Engineering Design
- Water and Wastewater Engineering

Electrical and Electronic Engineering

Course highlights
Facilities at JCU include well-equipped laboratories, in-house hardware and software to design, simulate and manufacture printed circuit layouts, and extensive mathematical simulations tools, to name a few applications. The course uses problem-based learning with design exercises, experiments, group assignments and project work.

Career opportunities
Electrical and electronic engineers can gain employment as electrical power engineers, electronic design engineers, communications engineers, or computer engineers. They can also specialise in the design and operation of power plants, new energy technologies, metal refining, electric machines and electrical grids, and in research. A selection of subjects for this major include
- Circuit Theory
- Introduction to Electromagnetism Optics and Thermodynamics
- Signal Processing
- Communications Systems Principles
- Digital Logic and Computing Methods
- Power Engineering

Mechanical Engineering

Course highlights
A particular strength of this course at JCU is the application of advanced computational techniques. Mechanical engineering applies the principles of physics for analysis, design, manufacturing, and maintenance of machines; from bicycles to robots to supersonic jets.

Career opportunities
Mechanical engineers design, create and improve systems and machinery used for domestic, public and industrial purposes.

Career opportunities
Mechanical engineers work in industries that design systems and machinery to generate power, make products, move things or help in building. Graduates may also work in the automotive industry, in manufacturing, building services, the aeronautical industry, defence technology, chemical processing, power generation, food processing and public utilities. A selection of subjects for this major include
- Thermofluid Mechanics
- Dynamics of Machine Elements
- Materials Science and Engineering
- Engineering Project Management
- Fluid Mechanics
- Automatic Control

Bachelor of Biotechnology

Biotechnology is a fast developing science, focusing on the commercial application of living organisms or their products, such as tropical agriculture. Opportunities for project and work experience include research and diagnostic laboratories and bio-industries. The course includes subjects in patent law/intellectual property, and enterprise and project management.

Course highlights
Close working relationships between JCU and research and diagnostic laboratories in Cairns and Townsville provide extensive research opportunities for students.

Career opportunities
Advances in genetic engineering, cell culture, molecular biology and agriculture have rapidly generated new applications for biological products, with job opportunities in this exciting field growing exponentially. A selection of subjects for this course include
Bachelor of Science

Science students at JCU enjoy exceptional opportunities for practical experience and field trips, with easy access to the World Heritage regions of the Great Barrier Reef and the Wet Tropics rainforests as potential laboratories. Science facilities at JCU include marine and freshwater field research facilities and field stations. JCU’s own research vessels and state-of-the-art wet/dry laboratories. These programs lead to professional accreditation, and emphasise field work, practical experience and links with major government and private resource management agencies and research centres.

Majors include:
- Chemistry
- Environmental and Marine Geosciences
- Geology
- Mathematics
- Physics
- Science (General)

The Bachelor of Science can also be combined as a joint degree with Arts, Education, Engineering and Laws.

Environmental and Marine Geosciences

Course highlights
This major takes advantage of JCU’s strategic position, giving students access to fieldwork a varied collection of tropical landscapes, including the Great Barrier Reef, hydrological and climate regimes, and a range of important industries. The course is focused on understanding and dealing with earth surface processes, deposits and landforms, including those in the marine and coastal realm.

Career opportunities
Graduates can work in a diverse range of occupations, including geomorphologists, research scientists, environmental geoscientists and marine geoscientists. A diverse range of career opportunities exist in industry, government departments, consultancies and research organisations. A selection of subjects for this major include:
- Australian Landscape Process and Evolution
- Ore Genesis
- Geological Mapping
- Mine Site Rehabilitation
- Field Studies in Topical Geography

Chemistry

Course highlights
This major blends traditional and emerging chemistry disciplines. The course incorporates the traditional areas of physical, analytical, inorganic and organic chemistry, as well as topics in environmental, medicinal, marine chemistry and chemical ecology. Students with a particular interest in industrial chemistry may also include components on control and optimisation of industrial processes. Graduates may apply for membership of the Royal Australian Chemical Institute.

Career opportunities
Chemistry graduates are employed in a wide variety of science-related areas. Career opportunities are available in manufacturing and processing industries, mining, the pharmaceuticals and health-related industries, agriculture, food industries, state and federal government agencies, defence, education and research institutes.

Geology

Course highlights
Students have access to real-world projects and industry practice through JCU’s leading Economic Geology Research Unit (EGRU), at the Townsville Campus. Graduates are eligible to join the Australian Institute of Geoscientists, the Environment Institute of Australia, the Australasian Institute of Mining and Metallurgy, the Society of Economic Ecologists, the International Association of Geochemistry and the Association of Applied Geochemists. The Bachelor of Science (Geology) major allows students to combine their studies with either a joint degree or with a second major.

Career opportunities
Geologists locate new reserves of crude oil, gas, coal, minerals, uranium, precious metals and water and determine the most feasible ways to extract these resources. A selection of subjects for this major include:
- Applied Soil Science
- Australian Landscape Processes and Evolution
- Ore Genesis
- Geological Mapping
- Mine Site Rehabilitation
- Field Studies in Topical Geography

Mathematics

Course highlights
JCU offers particular strengths in the study of mathematics. Research, internationally recognised qualifications and leading academics give students a career advantage. Students can gain membership rights to the Australian Mathematics Society upon graduation. They can also choose to undertake a second major from JCU’s broad range of science fields.

Career opportunities
Careers can include applied research (operations, econometrics, biometrics, market research, mathematical modelling, statistical diagnosis, actuarial science), fields where large data sets need to be organised, managed and analysed.
(oceanography, systems analysis, meteorology, engineering, finance) and education. A selection of subjects for this major include:

- Mathematical Foundations
- Mathematical Techniques
- Mathematics for Scientists and Engineers
- Mathematical Methods and Differential Equations
- Numerical Mathematics
- Applied Complex Variable Theory
- Numerical Methods

### Physics

#### Course highlights

Students are exposed to real world projects including field-based laboratories in oceanography and meteorology. This major includes small group practical and tutorial sessions. The Physics major is accredited by the Australian Institute of Physics.

#### Career opportunities

Graduates can pursue careers in health and medicine, meteorology, environmental monitoring, energy production, telecommunications, and computing. A selection of subjects for this major include:

- Advanced Stream Physics
- Fundamental Physics
- Structure of Matter
- Introduction to Electromagnetism Optics and Thermodynamics
- Atomic and Nuclear Physics
- Oceanography and Meteorology

### Science (General)

#### Course highlights

This major aims to meet the needs of two groups of students. If a student does not meet the prerequisites of the disciplinary majors under the Bachelor of Science degree, they can use this general major as a pathway into the disciplinary majors. Alternatively, some students choose to stay in the general major as it offers the flexibility to complete a wide variety of science subjects from different discipline areas. JCU is renowned for its teaching and research excellence in Science.

#### Career opportunities

General science graduates can pursue careers in government, interpretive tourism and in many other areas. A selection of subjects for this major include:

- Science: Nature, Knowledge and Understanding
- Modelling Natural Systems
- Chemistry: A Central Science or Chemistry for the Natural Sciences
- Students in the General Science major also need to study:
  - Preparatory Chemistry
  - Preparatory Mathematics

Once students have successfully completed the preparatory chemistry and mathematics subjects, all science majors are accessible.
Student services

International Student Support
The International Student Support team provides a full range of support services to students so that they are able to make the most of their time at university. Staff from the support team should be the first point of contact if assistance is needed. Services and information include:
- pre-departure information
- free arrival reception service
- orientation program and social activities
- assistance with accommodation
- assistance in emergencies
- personal well-being and welfare support
- after hours student assistance helpline
- Overseas Student Health Cover (OSHC) information
- advice to students on a range of matters
- returning home program

www.jcu.edu.au/international

JCU Professional College
To complement the skills and knowledge students gain through their studies, the JCU Professional College extends opportunities to students for professional and personal development.
www.jcu.edu.au/procollege

Learning Skills
Learning advisers provide academic support for all JCU students. Workshops, online tutorials and individual sessions are designed to help with assignment writing, lecture note taking, organisational skills, exam preparation, research skills and support for students from non-English speaking backgrounds.
www.jcu.edu.au/learningskills

Multifaith Chaplaincy Centre
This centre caters for students from a diverse range of religious backgrounds and is available at the Cairns and Townsville campuses. It provides pastoral care, spiritual and religious support for students. The International Student Support team can also provide advice to students on local places of worship.
www.jcu.edu.au/chaplaincy

Counselling
A confidential, free counselling service is provided for students at the Townsville and Cairns campuses by welfare counsellors and qualified psychologists for a wide range of academic and personal needs.
www.jcu.edu.au/student/counselling

JCU Student Association
The JCU Student Association is directed by elected students and, for a membership fee, provides services and amenities to students. These include student representation to the University, student welfare issues, entertainment, sports facilities and food outlets on the Cairns and Townsville campuses.
www.jcusa.edu.au

Careers and Employment Service
The JCU Careers and Employment Service provides information and advice on careers, employment and further study to current JCU students and graduates. Free services include; an online job finder, career advice, on-campus career fairs and access to computer-based career guidance programs to help with career choices.
www.jcu.edu.au/careers
From help with an assignment, finding accommodation, or for someone to talk to, students have access to dedicated support services on campus.

**Accessibility services**
Specialist services are available to students with permanent or temporary disabilities who may require additional information, support or resources. If a student needs these services they should contact AccessAbility Services as soon as they accept their offer to study at JCU.

www.jcu.edu.au/disability

**Leading technology**
Students at JCU enjoy access to technology enriched learning spaces and a wealth of electronic resources. Computer laboratories are available on all campuses. Selected laboratories are open 24 hours, seven days a week. Wireless zones let students access the web from their laptop computer at selected sites on campus.

**Library**
The JCU Library is one of the best in regional Australia, with the campuses of Townsville and Cairns owning a combined collection of almost half a million volumes. Books can be ordered online and delivered between campuses.

www.jcu.edu.au/libcomp

Connect with us  Ⓢ facebook.com/james.cook.university.international
JCU offers an accommodation service to support students with applications to on-campus accommodation, as well as providing information to students wanting to live off campus. A wide range of quality housing is available for rent near JCU campuses.

www.jcu.edu.au/accommodation

Cairns Accommodation
The following accommodation options are located near the Cairns campus and are independently owned and operated. In addition, there are other accommodation rental options in the area. It is expected that from 2016 accommodation will be available on the Cairns campus for an initial 300 students.

Cairns Student Lodge provides fully catered accommodation and is situated 400 metres from the JCU Cairns campus. Services include internet access, recreational facilities, dining room, conference facilities and an on-site manager. Cairns Student Lodge is linked to the JCU campus by a pedestrian walkway/bicycle path.

www.studentlodge.com.au

The Beaches Apartments are a 10-minute walk from the JCU Cairns campus. Two bedroom/two bathroom furnished apartments in a secure, resort style complex with an on-site manager. The Beaches Apartments has a study area and recreational facilities.

www.the-beaches.com.au

Cairns Lodge also provides affordable accommodation and is only minutes from the James Cook University Campus with a cycling track at the rear, giving easy access.

www.cairnslodge.net.au

Living costs
The following provides a guide to the approximate cost of living in Cairns and Townsville.

<table>
<thead>
<tr>
<th>Expense</th>
<th>Approximate cost (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent (share only)</td>
<td>$120–$170</td>
</tr>
<tr>
<td>Food</td>
<td>$100–$150</td>
</tr>
<tr>
<td>Electricity</td>
<td>$30–$40</td>
</tr>
<tr>
<td>Transport/Travel</td>
<td>$30–$40</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$50</td>
</tr>
<tr>
<td><strong>TOTAL PER WEEK</strong></td>
<td><strong>$330–$460</strong></td>
</tr>
<tr>
<td><strong>TOTAL PER YEAR</strong></td>
<td><strong>$17,160–$23,920</strong></td>
</tr>
</tbody>
</table>

All costs are approximate and are subject to change. Rent is based on sharing a privately rented house. Students will need to factor in additional costs, such as the cost of textbooks. Costs vary depending on the subject.
Townsville Accommodation

On-campus accommodation is available at the Townsville campus for Australian and international students, with options for all female or mixed boarding. Student colleges and halls provide a single furnished bedroom with a phone connection and internet access. Additional facilities may include computer rooms, televisions, laundry, sport and recreation resources, and tutorial support.

www.jcu.edu.au/jcuhalls

JCU colleges and halls of residence include:

• Saints Catholic College
• Saint Mark’s College
• The John Flynn College
• University Hall
• George Roberts Hall
• Western Courts
• Rotary International House

Accommodation applications are open from 1 September for the first teaching period/semester of the following year, and from 1 May for the second teaching period/semester. Students are advised to submit an application as soon as they receive their offer. A $55 application fee applies for all students. Applications can be submitted at www.jcu.edu.au/accommodation

Please note that students do not need to belong to any particular faith in order to stay at any of the JCU residential colleges.

Singapore Accommodation

JCU’s Singapore campus does not have accommodation on campus. Students have the choice of off-campus hostels or apartments, which can be arranged via the JCU Singapore campus accommodation service. For more information visit www.jcu.edu.sg/Home/CampusLife

Students have a variety of affordable housing options to choose from, including on-campus accommodation or living options close to campus.

Examples of housing options and costs

<table>
<thead>
<tr>
<th>Type of Accommodation</th>
<th>Cairns and Townsville A$/week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off Campus</td>
<td></td>
</tr>
<tr>
<td>1 bedroom flat/unit</td>
<td>$210–$250</td>
</tr>
<tr>
<td>2 bedroom flat/unit</td>
<td>$265–$280</td>
</tr>
<tr>
<td>3 bedroom flat/unit</td>
<td>$340–$375</td>
</tr>
<tr>
<td>3 bedroom house</td>
<td>$320–$350</td>
</tr>
<tr>
<td>4 bedroom house</td>
<td>$380–$420</td>
</tr>
<tr>
<td>2 bedroom townhouse</td>
<td>$260–$270</td>
</tr>
</tbody>
</table>

All costs are average weekly rents and are correct for Sept 2014 in suburbs nearest JCU campuses only and subject to increase. Based on information from the Residential Tenancies Authority Queensland: www.rta.qld.gov.au/Resources/Median-rents

On Campus

<table>
<thead>
<tr>
<th>Type of Accommodation</th>
<th>Cairns and Townsville A$/week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-board</td>
<td>$274–$304</td>
</tr>
<tr>
<td>Self-catering</td>
<td>$186–$206</td>
</tr>
</tbody>
</table>

www.jcu.edu.au/jcuhalls/money

Please note:

Students who have booked accommodation on campus may have to find independent accommodation off campus for one or two nights if arriving before the college residence opens. The International Student Support team assist students with booking temporary accommodation. The JCU Orientation program, introducing new students to life at the university, is held the week before classes commence each teaching period. All international students are required to attend.
# Academic entry requirements

<table>
<thead>
<tr>
<th>Undergraduate Diplomas and Degrees</th>
<th>A Levels</th>
<th>Canada - Ontario Secondary School Diploma (OSSD) (%)</th>
<th>Hong Kong (HKDSE)</th>
<th>IB</th>
<th>All Indian Boards/State Boards (%)</th>
<th>Ireland Leaving Certificate</th>
<th>Korea Senior High School Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arts, Society and Education</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Arts, Education, Multimedia Journalism*, Social Work</td>
<td>6</td>
<td>63</td>
<td>16</td>
<td>24</td>
<td>60/65</td>
<td>350</td>
<td>3</td>
</tr>
<tr>
<td>Bachelor of Creative Industries*, New Media Arts*</td>
<td>6</td>
<td>63</td>
<td>16</td>
<td>24</td>
<td>60/65</td>
<td>350</td>
<td>3</td>
</tr>
<tr>
<td><strong>Business, Law and Governance</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Business</td>
<td>6</td>
<td>63</td>
<td>16</td>
<td>24</td>
<td>60/65</td>
<td>350</td>
<td>3</td>
</tr>
<tr>
<td>Bachelor of Information Technology</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td>Bachelor of Laws</td>
<td>10</td>
<td>70</td>
<td>20</td>
<td>26</td>
<td>70/75</td>
<td>440</td>
<td>**</td>
</tr>
<tr>
<td><strong>Healthcare Sciences</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nursing Science</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td>Bachelor of Occupational Therapy</td>
<td>13</td>
<td>80</td>
<td>23</td>
<td>32</td>
<td>80/85</td>
<td>540</td>
<td>**</td>
</tr>
<tr>
<td>Bachelor of Physiotherapy</td>
<td>13</td>
<td>80</td>
<td>23</td>
<td>32</td>
<td>80/85</td>
<td>540</td>
<td>**</td>
</tr>
<tr>
<td>Bachelor of Psychological Science</td>
<td>6</td>
<td>63</td>
<td>16</td>
<td>24</td>
<td>60/65</td>
<td>350</td>
<td>3</td>
</tr>
<tr>
<td>Bachelor of Speech Pathology</td>
<td>13</td>
<td>80</td>
<td>23</td>
<td>32</td>
<td>80/85</td>
<td>540</td>
<td>**</td>
</tr>
<tr>
<td>Bachelor of Sport and Exercise Science</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td><strong>Marine and Environmental Sciences</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Marine Science</td>
<td>11</td>
<td>73</td>
<td>21</td>
<td>28</td>
<td>73/78</td>
<td>460</td>
<td>**</td>
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<tr>
<td>Bachelor of Business and Environmental Science</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td>Bachelor of Planning</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td>Bachelor of Sustainability</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td><strong>Medicine and Dentistry</strong></td>
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<tr>
<td>Bachelor of Dental Surgery</td>
<td>14</td>
<td>92</td>
<td>24</td>
<td>35</td>
<td>90/95</td>
<td>575</td>
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<tr>
<td>Bachelor of Medicine–Bachelor of Surgery</td>
<td>14</td>
<td>85</td>
<td>25</td>
<td>35</td>
<td>90/95</td>
<td>575</td>
<td>**</td>
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<tr>
<td>Bachelor of Pharmacy</td>
<td>13</td>
<td>80</td>
<td>23</td>
<td>32</td>
<td>80/85</td>
<td>540</td>
<td>**</td>
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<tr>
<td><strong>Public Health, Medical and Veterinary Sciences</strong></td>
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<td></td>
</tr>
<tr>
<td>Bachelor of Biomedical Sciences</td>
<td>10</td>
<td>70</td>
<td>20</td>
<td>26</td>
<td>70/75</td>
<td>440</td>
<td>**</td>
</tr>
<tr>
<td>Bachelor of Medical Laboratory Sciences</td>
<td>10</td>
<td>70</td>
<td>20</td>
<td>26</td>
<td>70/75</td>
<td>440</td>
<td>**</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>10</td>
<td>70</td>
<td>20</td>
<td>26</td>
<td>70/75</td>
<td>440</td>
<td>**</td>
</tr>
<tr>
<td>Bachelor of Veterinary Science</td>
<td>14</td>
<td>92</td>
<td>24</td>
<td>35</td>
<td>90/95</td>
<td>575</td>
<td>**</td>
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<tr>
<td><strong>Science and Engineering</strong></td>
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<tr>
<td>Bachelor of Biotechnology</td>
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<td>67</td>
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<td>25</td>
<td>65/70</td>
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<tr>
<td>Bachelor of Engineering (Honours)</td>
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<td>73</td>
<td>21</td>
<td>28</td>
<td>68/73</td>
<td>460</td>
<td>**</td>
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<tr>
<td>Bachelor of Geology</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>9</td>
<td>67</td>
<td>19</td>
<td>25</td>
<td>65/70</td>
<td>380</td>
<td>3.2</td>
</tr>
<tr>
<td>Diploma of Higher Education</td>
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<td>50</td>
<td>15</td>
<td>22</td>
<td>55</td>
<td>330</td>
<td>2.8</td>
</tr>
</tbody>
</table>

Calculation of scores and additional requirements

**A LEVELS** (GCE, Cambridge, Hong Kong): The scores are calculated such as: A=5, B=4, C=3, D=2, E=1, and must include results in not more than three subjects. Advanced Supplementary Levels (AS) are the equivalent of half a subject at A Level. A=2.5, B=2, C=1.5, D=1, E=0.5. [Forecast or preliminary A Level results will be considered, for all programs.]

**A LEVELS (SINGAPORE):** The AL (H2) scores are calculated in not more than three subjects such as: A=5, B=4, C=3, D=2, E=1, with minimum two H2 level subjects. AL (H1) subjects are the equivalent of half a subject. AL (H3) subjects are advanced subjects and calculated as Distinction=6, Merit=5, Pass=4 and can be included in the calculation of not more than three subjects.

**HONG KONG (HKDSE):** Satisfactory Completion of HKDSE - Aggregate score range between 16 points to 25 points depending on course based on the best 5 subjects selected from 4 core subjects (Chinese, English, Mathematics and Liberal Studies) plus 1 elective:
- Category A: 5**=6, 5*=5.5, 5=5, 4+=4, 3+=3, 2+=2, 1+=1
- Category B: Attained with Distinction=3, Attained=2
- Category C: A=2.5, B=2, C=1.5, D=1, E=0.5

**INTERNATIONAL BACCALAUREATE (IB):** Aggregate of full Diploma where 7=excellent, 6=very good, 5=good, 4=satisfactory, 3=mediocre, 2=poor, 1=very poor.

**INDIA:** Scores calculated on a percentage of the best 4 academic subjects in either All Indian School Boards or State Boards.
The following scores are a guide for entry into JCU undergraduate courses at school-leaving level in 2015/2016. 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 pre-requisites can be found in the Courses and Fees list on page 14. If your home country is not listed, see page 46 or contact International Admissions.

<table>
<thead>
<tr>
<th>Malaysia - Sijil Tinggi Pelajaran Malaysia (STPM)</th>
<th>Norway Vitnemål fra den Videregående Skolen</th>
<th>Pakistan Intermediate/ Higher Secondary School %</th>
<th>South Africa National Senior Certificate (UMALUSI)</th>
<th>Australia OP/Rank</th>
<th>United States of America (ACT score)</th>
<th>United States of America (SAT score)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.33</td>
<td>3.5</td>
<td>65</td>
<td>3.8</td>
<td>12</td>
<td>19/60</td>
<td>22</td>
</tr>
<tr>
<td>7.33</td>
<td>3.5</td>
<td>65</td>
<td>3.8</td>
<td>12</td>
<td>18/61</td>
<td>22</td>
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<td>8.66</td>
<td>3.7</td>
<td>70</td>
<td>4.4</td>
<td>13</td>
<td>17/63</td>
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<td>8.99</td>
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<td>75</td>
<td>5.0</td>
<td>14</td>
<td>15/67</td>
<td>25</td>
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<tr>
<td>8.66</td>
<td>3.7</td>
<td>70</td>
<td>4.6</td>
<td>13</td>
<td>19/60</td>
<td>24</td>
</tr>
<tr>
<td>10.33</td>
<td>4.6</td>
<td>85</td>
<td>5.2</td>
<td>17</td>
<td>14/69</td>
<td>29</td>
</tr>
<tr>
<td>10.33</td>
<td>4.6</td>
<td>85</td>
<td>6.3</td>
<td>17</td>
<td>*</td>
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<tr>
<td>10.33</td>
<td>4.6</td>
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<td>5.2</td>
<td>17</td>
<td>13/71</td>
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<td>18/61</td>
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<tr>
<td>9.33</td>
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<td>12/74</td>
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<tr>
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<td>10.67</td>
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<td>16/64</td>
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</tr>
<tr>
<td>7.00</td>
<td>3.0</td>
<td>60</td>
<td>3.5</td>
<td>10</td>
<td>Contact JCU</td>
<td>Not required</td>
</tr>
</tbody>
</table>

* Admission is conditional upon a successful interview in person or by videoconference. **Not eligible for direct entry. * This course is subject to change in 2016. For more information contact JCU.

**Ireland:** Passes in five subjects including at least three at C level in Higher papers or passes in six subjects including at least two at C level in Higher papers. **Korea:** Overall grade average of final year results. A=4, B=3, C=2, D=1, E=0. Forecast or Preliminary STPM results will be considered for all programs except Medicine and Surgery. **Norway:** GPA scores on a 4.0 grading scale. **Pakistan:** Scores are normally calculated on the best three subjects attempted at one examination, and are calculated such as: 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, D=0.0. Forecast or Preliminary STPM results will be considered for all programs except Medicine and Surgery. **South Africa:** GPA scores on a 6.0 grading scale. **Pakistan:** Scores are calculated on a percentage of the best 4 academic subjects in the Pakistan Intermediate/ Higher Secondary School Certificate. **Sweden:** GPA scores on a 6.0 grading scale. **Pakistan:** Scores are calculated on a percentage of the best 4 academic subjects in the Pakistan Intermediate/ Higher Secondary School Certificate. **South Africa:** Scores based on the average of 6 subjects (excluding Life Orientation) as a % on a 7.0 grading scale where 7=80-100%, 6=70-79%, 5=60–69%, 4=50–59%, 3=40–49%, 2=30–39%, and 1=0–29%. **Sweden:** Scores based on a scale where G=10, VG=15, MVG=20. GPA is calculated by multiplying the grade by the amount of hours per subject. **Australia:** Refer to QTAC selection ranks to convert OP/Rank to ATAR OP (Queensland Overall Position), Rank (QTAC Selection Rank); ATAR (Australian Tertiary Admission Rank) **USA:** High School Diploma or equivalent with an ACT composite score or SAT score (maths plus critical reading plus writing) as above.
## Academic entry requirements

The following is a guide to JCU’s minimum academic entry requirements for Bachelor degrees. Some specialist degrees have a higher entry level. If your country is not listed below, please check the table of academic entry requirements on page 48 or enquire at [www.jcu.edu.au/international](www.jcu.edu.au/international). Students who have already completed an undergraduate degree (or part of) in their home country are also able to apply to study an undergraduate degree at JCU and may be eligible for credit. For information on the Diploma of Higher Education refer to [www.jcu.edu.au/international/apply](www.jcu.edu.au/international/apply).

<table>
<thead>
<tr>
<th>Country</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afghanistan</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Austria</td>
<td>Reifeprufungszeugnis or Matura</td>
</tr>
<tr>
<td>Azerbaijan</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>A minimum score of 65% or better in the Higher Secondary School Certificate. Higher Secondary School Certificate (10+2 years of schooling) conducted by the Bangladesh Board of Intermediate and Secondary Education.</td>
</tr>
<tr>
<td>Brazil</td>
<td>&quot;Diploma de Ensino Médio&quot; (Middle Education Diploma) or the old award, the &quot;Certificado de Conclusão de 2º Grau&quot; (Certificate of Conclusion of Second Level) with a minimum GPA of 8 out of 10 (average of all scores gained during their studies)</td>
</tr>
<tr>
<td>Chile</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>China</td>
<td>Gao Kao score required for entry into a second tier university in the relevant province, or successful completion of one year or more of full-time tertiary study or equivalent; or Hui Kao score of 80% for Business, IT and Arts; 85% for Science and Engineering students</td>
</tr>
<tr>
<td>Colombia</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Denmark</td>
<td>Studentereksamen, Højere forberedelseseksamen or Højere handelsexamen or Højere Teknisexamen</td>
</tr>
<tr>
<td>Ecuador</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Egypt</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Fiji</td>
<td>Satisfactory completion of Form 7 or the University of the South Pacific Foundation Year</td>
</tr>
<tr>
<td>France</td>
<td>Baccalauréat General, Baccalauréat Technologique or Baccalauréat de L’Enseignement du Second Degré</td>
</tr>
<tr>
<td>Germany</td>
<td>Abitur, Fachhochschulreife or Reifezeugnis or with a minimum entry requirement of 4.0 (ausreichend)</td>
</tr>
<tr>
<td>Indonesia</td>
<td>Satisfactory completion of SKHUN/STK/University Entrance Examination</td>
</tr>
<tr>
<td>Iran</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Iraq</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Italy</td>
<td>Diploma di Maturità, Esame di Stato</td>
</tr>
<tr>
<td>Japan</td>
<td>Upper Secondary School Certificate of Graduation (Kotogakko Sotsugyo Shoso or 高等学校卒業証)</td>
</tr>
<tr>
<td>Jordan</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Korea</td>
<td>Korea Senior High School Leaving Certificate/Diploma with a minimum overall grade average of 3 based on the final year results as follows: A=4, B=3, C=2 and D=1</td>
</tr>
<tr>
<td>Kuwait</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Laos</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Libya</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Maldives</td>
<td>Advanced Level passes in the General Certificate of Education</td>
</tr>
<tr>
<td>Mauritius</td>
<td>Advanced Level passes in the General Certificate of Education</td>
</tr>
<tr>
<td>Mexico</td>
<td>“Preparatoria” with a minimum GPA of 8 out of 10 (average of all scores gained during their studies)</td>
</tr>
<tr>
<td>Myanmar</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Nepal</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Successful completion of ‘Voorbereidend Wetenschappelijk Onderwijs’ Diploma, or ‘Hoger Algemeen Voortgezet Onderwijs’ Diploma</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Satisfactory completion of the National Certificate of Educational Achievement (NCEA) with a minimum of 80 credits which includes 60 credits at Level 3 and 20 credits at Level 2</td>
</tr>
<tr>
<td>Nigeria</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Papua New Guinea</td>
<td>Satisfactory completion of the NSW, ACT, QLD, or PNG HSC from Port Moresby International School, Coronation College or St Joseph International Catholic School curriculum or equivalent</td>
</tr>
<tr>
<td>Peru</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Philippines</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Russia</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved Foundation program</td>
</tr>
<tr>
<td>South Africa</td>
<td>National Senior Certificate issued by UMALUSI</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Senior High School Leaving Certificate (Diploma) with average 8 grade in 5 main subjects</td>
</tr>
<tr>
<td>Tanzania</td>
<td>Advanced Certificate of Secondary Education (must include a minimum of two principal passes in subjects)</td>
</tr>
<tr>
<td>Thailand</td>
<td>Satisfactory completion of the Matayom 6 Thai Certificate of Secondary Education with a minimum GPA of 2.7</td>
</tr>
<tr>
<td>Turkey</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Uganda</td>
<td>Uganda Advanced Certificate of Education (A-Level) PLUS Uganda Certificate of Education with passes in 6 subjects</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>Satisfactory completion of one year of study at a higher education institution or approved foundation program</td>
</tr>
<tr>
<td>Vietnam</td>
<td>Successful completion of Year 11 and 12 (Senior Secondary School) with an average of 7.5 for Bachelor degree entry</td>
</tr>
<tr>
<td>Zimbabwe</td>
<td>Advanced Level passes in the General Certificate of Education</td>
</tr>
</tbody>
</table>
English language requirements

Students whose native language is not English must generally demonstrate their proficiency by achieving a score in a test such as Academic IELTS, TOEFL or Pearson (PTE Academic) (see table below). Other English language tests may also be accepted as proof of English language proficiency. Students who have successfully completed two years of full-time study in which the language of instruction was English may satisfy the entry requirement.

**Bachelor of Speech Pathology:** an overall IELTS of 7.0 (with a minimum writing score of 6.0; minimum speaking score of 8.0; minimum reading and listening score of 7.0).

**Diploma of Higher Education:** the following majors require an overall IELTS of 5.5 (no component lower than 5.0): Engineering, Society and Culture, Information Technology, Science, and General Studies; requirements for the Health major can be seen in Band 2 in the above table; requirements for Business Studies can be seen in Band 1.

If a student meets the academic requirements but not the English language entry requirement, they may be given a packaged offer. This combines studying English at Union Institute of Language, plus an offer of placement in a JCU academic program which will allow them to apply for a student visa for the total length of studies in Australia.

For more information, please contact International Admissions iscadmissions@jcu.edu.au.

Please note that the Department of Immigration and Border Protection (DIBP) also has certain rules relating to student visas which, depending on the visa assessment level of your country of citizenship, may require students to sit an English test even though they meet other English language requirements set by JCU.

<table>
<thead>
<tr>
<th></th>
<th>Band 1</th>
<th>Band 2</th>
<th>Band 3a</th>
<th>Band 3b</th>
<th>Band 3c</th>
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</thead>
<tbody>
<tr>
<td>IELTS</td>
<td>6.0 (no component lower than 5.5)</td>
<td>6.5 (no component lower than 6.0)</td>
<td>7.0 (no component lower than 6.5)</td>
<td>7.0 (with 7.0 in three components and 6.5 in one component)</td>
<td>7.0 (no component lower than 7.0)</td>
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<tr>
<td>TOEFL (paper-based)</td>
<td>550 (with a minimum Test of Written English score of 4.0)</td>
<td>570 (with a minimum Test of Written English score of 4.5)</td>
<td>577 (with a minimum Test of Written English score of 5.5)</td>
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<td>577 (with a minimum Test of Written English score of 5.5)</td>
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<tr>
<td>TOEFL (internet-based)</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>Not accepted</td>
<td>100 (minimum writing score of 25)</td>
</tr>
<tr>
<td>Pearson (PTE Academic)</td>
<td>57</td>
<td>64</td>
<td>72</td>
<td>Not accepted</td>
<td>72</td>
</tr>
</tbody>
</table>
Financial Aid and Scholarships
Financial aid and scholarships for international students are limited and generally not available from within Australia. Students are advised to explore funding opportunities (loans, grants, subsidies, sponsorships, scholarships and other awards or benefits) from their home country. For financial aid options available to some students, visit www.jcu.edu.au/international/scholarships/scholarshipsandgrants

American and Canadian students, with government funding, have access to a dedicated Financial Aid Administrator, who is based on the Townsville campus. All forms and enquiries should be directed to isfinance@jcu.edu.au

Australia Award Scholarships (AAS)
JCU receives students under the Australia Awards Scholarships program. These scholarships are administered by the Department of Foreign Affairs and Trade under its Australian Aid program. For more details visit www.australiaawards.gov.au

Other Scholarships and Grants
JCU offers a small number of scholarships and grants however these are generally based on academic merit. www.jcu.edu.au/scholarships

Planning Your Budget
University study involves a range of expenses, including living and study costs. Some are fixed and some will vary depending on the type of course you are studying and your lifestyle.

In addition to annual tuition fees, international students should be aware of the following costs:

- **Overseas Student Health Cover (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 will also be required to maintain coverage for the full duration of their Student Visa whilst 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 however for 2015 OSHC through JCU’s preferred insurer, Allianz Global Assist, is currently A$1975 for a single 38 month premium (fees are subject to change in 2016). Only eligible citizens from Norway, Sweden or Belgium are exempt from purchasing OSHC under Australian government reciprocal arrangements.

- **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 fee for 2015 is $286 and is subject to change for 2016.

- **Books and miscellaneous study expenses**
  Approximately A$500 is required per teaching period/semester for books. Other study costs, depending on the course, may include field trip costs, lab equipment, stationery, subject handbooks and calculator. It is also suggested that the costs for a computer/laptop be factored into your overall costs.

Australian Visa Information
It is essential to apply for an Australian student visa before arriving in Australia. To apply, students need to contact their nearest Australian Embassy, Consulate or High Commission. Students can also contact the Department of Immigration and Border Protection (DIBP).

Streamlined Visa Processing
JCU is a participant in the Streamlined Visa Processing (SVP) arrangements used by the Department of Immigration and Border Protection (DIBP) to assess applications for an Australian Student Visa.

Students will be eligible for SVP if they have accepted an offer and received a Confirmation of Enrolment (CoE) for a place in a JCU registered course.
DIBP must be satisfied that students are Genuine Temporary Entrants, that their primary purpose for coming to Australia is to study and that they are a Genuine Student. Students must meet DIBP’s health and character requirement and DIBP will also require a student to declare that they have sufficient funds to pay for tuition fees and support themselves for the duration of the course.


**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 existing 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 sets out 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. [www.jcu.edu.au/policy/student/finance/JCUDEV_005357](http://www.jcu.edu.au/policy/student/finance/JCUDEV_005357).

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. The TPS replaces the Tuition Assurance Scheme and the ESOS Assurance Fund. On the rare occasions that a provider is unable to deliver a course an international student has paid for and does not meet their 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.


**Deferral, temporary suspension or cancellation of enrolment**

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. The University may suspend a student temporarily, enforcing a break from study, in certain circumstances.


**Working as a student**

Under Australian immigration regulations, students on a student visa may work up to 40 hours per fortnight during university teaching periods and without restriction during university vacations. Permission to work in Australia will be automatically included when you are granted your student visa.

[www.immi.gov.au/students/students/working_while_studying](http://www.immi.gov.au/students/students/working_while_studying)

The JCU Careers and Employment Service can provide information on part-time and casual employment and manage an online job vacancy listing for students.

**Working rights for your partner**

If a spouse is joining a student in Australia, he or she can also work while the student is studying, he/she can apply for a permission to work visa. The work conditions for a spouse will vary depending on the degree being undertaken.

**Bringing your family**

Spouses and children can join students in Australia but each family member must be added to the student visa application, and certain conditions will apply depending on the age of each member. If children will be attending school while in Australia school fees will apply.

[www.jcu.edu.au/international/support/beforeyouarrive/briningfamily](http://www.jcu.edu.au/international/support/beforeyouarrive/briningfamily)

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**2016 Study Dates (Cairns and Townsville)**

<table>
<thead>
<tr>
<th>Teaching Period One 2016 (Semester One)</th>
<th>Teaching Period Two 2016 (Semester Two)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrival service</td>
<td>Arrival service</td>
</tr>
<tr>
<td>8 – 14 February</td>
<td>11 – 17 July</td>
</tr>
<tr>
<td>Orientation</td>
<td>Orientation</td>
</tr>
<tr>
<td>15 – 19 February</td>
<td>18 – 22 July</td>
</tr>
<tr>
<td>Classes begin</td>
<td>Classes begin</td>
</tr>
<tr>
<td>22 February</td>
<td>25 July</td>
</tr>
<tr>
<td>Mid-semester recess</td>
<td>Mid-semester recess</td>
</tr>
<tr>
<td>18 – 22 April</td>
<td>26 – 30 September</td>
</tr>
<tr>
<td>Classes end</td>
<td>Classes end</td>
</tr>
<tr>
<td>27 May</td>
<td>28 October</td>
</tr>
<tr>
<td>Exam period</td>
<td>Exam period</td>
</tr>
<tr>
<td>4 – 17 June</td>
<td>5 – 18 November</td>
</tr>
<tr>
<td>Results published</td>
<td>Results published</td>
</tr>
<tr>
<td>5 July</td>
<td>6 December</td>
</tr>
</tbody>
</table>

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JCU aims to equip students with comprehensive information so that they are best prepared for studying in Australia.
How to Apply

Step 1
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.

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
- Bachelor of Medicine/Bachelor of Surgery (MBBS) and Bachelor of Dental Surgery – Closing date 31 August
- Bachelor of Veterinary Science and Bachelor of Physiotherapy – Closing date 30 September.

Applicants for above courses must also complete a separate degree specific application form. www.jcu.edu.au/fmhms/forms/

Step 2
Collect all necessary documentation as stated on the website for your chosen course. This may include certified academic transcripts, proof of work experience, academic English results and additional application forms.

Register as a first time user on JCU’s online application portal (found from the webpage of your chosen course). You may also engage the services of one of JCU’s authorised overseas representatives. Representative details can be found at www.jcu.edu.au/international/apply/jcurepresentatives.

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.

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

Step 4
If your application is successful, we will generate an offer which you will receive by e-mail. The 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
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, along with any payment as set out in your Offer letter.

Step 6
JCU will then issue you an electronic Confirmation of Enrolment (eCOE). This is the document you will 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.

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 have trouble applying online contact iscadmissions@jcu.edu.au

Once you have a student visa, you are ready to begin your study at JCU.
Application for admission to an Undergraduate Course

**PERSONAL DETAILS**

<table>
<thead>
<tr>
<th>Family Name</th>
<th>Given Names</th>
<th>Title e.g. Mr/Mrs/Dr</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male [ ] Female [ ] Other [ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Permanent address in home country</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Telephone number in home country</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Address (where we can contact you about your application). If applying through an agent, please put the agent’s details here.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Country in which you are submitting this application</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Telephone</th>
<th>Mobile/Cell Phone</th>
<th>Fax</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Email (personal e-mail address of applicant)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Date of Birth</th>
<th>Day</th>
<th>Month</th>
<th>Year</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Citizenship</th>
<th>Country of Birth</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Do you hold a current Australian visa?</th>
<th>Yes [ ] No [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, please give category of visa</td>
<td></td>
</tr>
</tbody>
</table>

| Do you have a disability, psychological or medical condition which may affect your studies? | Yes [ ] No [ ] |
|--------------------------------------------------------------------------------------------|
| If yes, attach supporting documents                                                        |

| Will you be bringing family members on a dependant student visa? | Yes [ ] No [ ] |
|------------------------------------------------------------------|

**ENGLISH LANGUAGE PROFICIENCY**

<table>
<thead>
<tr>
<th>English is the main language spoken in my home</th>
<th>Yes [ ] No [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>If no, please indicate language</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I will have / or have taken an IELTS test</th>
<th>TOEFL test within the past two years (please tick appropriate box)</th>
</tr>
</thead>
<tbody>
<tr>
<td>on Day Month Year</td>
<td>Please attach original documentation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I have undertaken studies (secondary/high school/university) for a minimum of two years in which the language of instruction was English. Please attach documentary evidence.</th>
</tr>
</thead>
</table>

**PREFERRED COURSE**

<table>
<thead>
<tr>
<th>Name of Course (1st choice)</th>
<th>e.g. Bachelor of Business</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>e.g. Marketing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name of Course (2nd choice)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I wish to study at (tick one only)</th>
<th>Cairns [ ] Townsville [ ] Singapore [ ] Brisbane [ ]</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>When would you like to start your studies:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Cairns or Townsville</th>
<th>Teaching Period (semester)</th>
<th>One (February) [ ] Two (July) [ ]</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Singapore or Brisbane Trimester</th>
<th>One [ ] Two [ ] Three [ ]</th>
</tr>
</thead>
</table>

**PLEASE NOTE: NOT ALL PROGRAMS ARE AVAILABLE AT ALL CAMPUSES.**

Trimester start/end dates are subject to change in 2016. For more information contact enquiries-singapore@jcu.edu.sg (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</th>
<th>COURSE COMPLETED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>FROM (MONTH/YEAR)</td>
<td>TO (MONTH/YEAR)</td>
</tr>
</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)

IMPORTANT NOTICE
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.

STREAMLINED VISA PROCESSING
I make this declaration in relation to my application for my preferred course/s at James Cook University (JCU). I understand that JCU is a participant in the Australian Department of Immigration and Border Protection (DIBP) Streamlined Visa Processing (SVP) and 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 and a Genuine Student*;
• 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 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 return 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 DIBP and any other relevant documentation.

* For the definition of Genuine Temporary Entrant and Genuine students under the SVP visit: The Genuine Temporary Entrant (GTE) Requirement

** For financial requirements for obtaining a student visa under the SVP visit: DIBP Financial requirements: Travel, tuition and living expenses

PRIVACY
Personal information supplied on this form will be handled in accordance with JCU’s Privacy Policy (available at www.jcu.edu.au).
I acknowledge that this information may be provided to other areas of JCU and to third parties for administrative and legislative purposes (under the ESOS Act 2000 and the National Code), including but not limited to the JCU Student Association; JCU’s educational representatives and business partners; Australian Commonwealth and State agencies; other academic institutions to verify my previous qualifications; the TPS Director of the Tuition Protection Service; and my Overseas Student Health Cover (OSHIC) provider.

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 www.jcu.edu.au/international/apply/jcurepresentatives

Cairns and Townsville campuses
International Admissions
James Cook University
Townsville QLD 4811
Australia
Phone: +61 7 4781 5601
Email: iscadmissions@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: +617 3001 7800
Fax: +617 3001 7899
Email: admissions@jcub.edu.au
Contact us

Cairns
Future Students
Cairns QLD 4870
Australia
Phone: + 61 7 4232 5601
Web: www.jcu.edu.au/international/contact

Singapore
149 Sims Drive
Singapore 387380
Phone: + 65 6576 6833
Email: enquiries-singapore@jcu.edu.au
Web: www.jcu.edu.sg

Townsville
Future Students
Townsville QLD 4811
Australia
Phone: + 61 7 4781 5601
Web: www.jcu.edu.au/international/contact

Connect with JCU

PHOTOS: Tourism Queensland, Insight Creative, Rob Parsons, Brad Newton Photography and Andrew Rankin Photography
DESIGN: Zephyrmedia
James Cook University 2016 International Undergraduate Study Guide is published by Future Students, James Cook University, February 2015.
This publication is intended as a general introduction to James Cook University. All care has been taken to ensure information is correct at the
time of printing. If you wish to apply to the University, contact any of its offices to confirm current admission requirements.
The University reserves the right to alter any admission requirement or degree included in this publication without prior notice.
For information about postgraduate studies, see the separate publication James Cook University 2016 International Postgraduate Study Guide.
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