

International Undergraduate Prospectus

2015

Cairns
Singapore
Townsville



Welcome

I look forward to welcoming you to James Cook University (JCU) in 2015. JCU is a leading Australian research and teaching institution where international students come to further their education, undertake research and gain qualifications that are recognised globally. We are particularly proud of our reputation for excellence in producing graduates who have a special understanding of the tropics.

JCU is Queensland's second oldest university and was established in Townsville, Queensland in 1970 to be Australia's "University for the Tropics". JCU is ranked in the top 4% of universities worldwide* for the strength of our academic programs and the high caliber of our research. Our students are privileged to be taught by world-leading academics and have real-life laboratories on their doorstep including the Great Barrier Reef and Daintree Rainforest.

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.

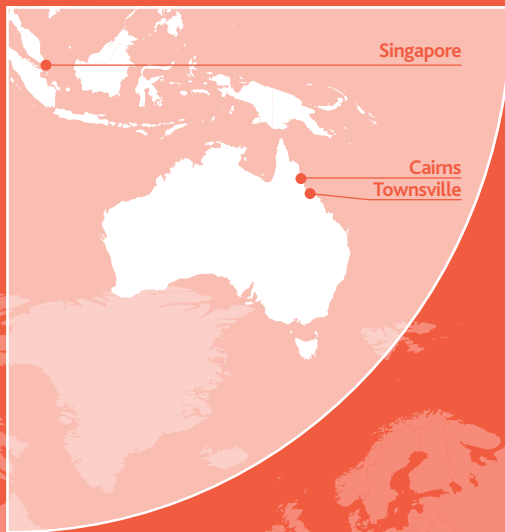
Students are at the heart of JCU and we understand it can be a big step to study so far from home. With friendly campuses, smaller class sizes, accessible teaching staff, and excellent support services, JCU's international students receive the personal attention needed to achieve their best and have a truly Australian experience.

More than 6,000 international students from over 100 countries are enjoying the benefits of studying with JCU right now. I hope that in this Prospectus, you discover that JCU can provide you with the skills, teachers and facilities you are looking for to ignite and support your passion for learning.

Professor Sandra Harding
Vice-Chancellor and President

* Institute of Higher Education, Shanghai Jiao Tong University, Academic Ranking of World Universities 2012

Our tropical campuses



Tropic of Cancer

Tropic of Capricorn

James Cook University

2015 International Undergraduate Prospectus

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James Cook University

A brighter future

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.

Total student enrolments are over 20,000 and growing, including over 6,000 international students from 100 countries. International students have a choice of more than 300 programs available to study across JCU's three campuses.



Did you know
With degrees accredited by leading professional organisations, JCU aims to give graduates the qualifications and skills they need for the global workforce.



Did you know
Our research capabilities give undergraduate students opportunities for field trips, industry links, experience at research stations and access to what would be postgraduate-only facilities at many other universities.

International recognition

A JCU qualification is internationally recognised for excellence. The Institute of Higher Education, which compiles the Academic Ranking of World Universities, ranks JCU as one of the world's leading academic and research institutions. In 2013, JCU was placed in the top 4% grouping of more than 14,000 universities in the world.* In Asia and the Pacific, we are placed in the top 100.

Practical focus

JCU courses will give you opportunities for hands-on experience from internships, vacation, placements, capstone subjects, and real-world projects with business, industry and government organisations, to field trips in the natural environments of northern Queensland, Asia Pacific and beyond. JCU works with employers and industry groups to make sure its courses reflect best industry practice.

Study across countries

JCU students have the unique opportunity to participate in the inter-campus mobility program, allowing students to study across JCU's Australian and Singapore campuses. In addition, JCU's Exchange Program allows students to study one or two semesters abroad at over 50 partner institutions around the world.

Supportive study environment

JCU strives to create a student centered learning environment where students can take full advantage of their university experience. With friendly campuses, smaller class sizes, accessible teaching staff, and excellent support services, including study skills and student mentor programs, JCU students receive the personal attention they need to achieve their best.

Teaching excellence

Over the past five years, JCU academics have won more than 39 citations for teaching excellence from the Australian Teaching and Learning Council – more teaching awards than many larger universities.

Research intensive

The unique location of James Cook University allows nationally significant and internationally recognised research to be conducted by both staff and students. Much research focus is based on the industries and environments of northern Australia including marine biology, biodiversity, tropical environmental studies, earth sciences/geology, engineering, tropical health and tourism. JCU is a member of the national alliance, Innovative Research Universities and is one of the world's leading research universities in the tropics.

The power of place

JCU's tropical location sets it apart from any other university in the world. The campuses in Cairns and Townsville are close to the Great Barrier Reef and the rainforests of the Wet Tropics. With a 'living laboratory' on the doorstep, JCU's tropical location gives students a unique opportunity to bring their studies to life.

* Institute of Higher Education, Shanghai Jiao Tong University, Academic Ranking of World Universities 2013. This ranking system is widely acknowledged as a leading global indicator of university status.



Cairns campus



Millaa Millaa Falls



Founders Green

Our tropical campuses

Cairns

Cairns welcomes over two million visitors each year who enjoy the spectacular natural attractions and activities on offer, including scuba diving and snorkelling on the Great Barrier Reef, and exploring ancient rainforests, waterfalls and national parks.

The City

Cairns is one of Australia's most popular tourist destinations. Cairns' diverse population of around 170,000 enjoys a cosmopolitan lifestyle with many cafés, restaurants, markets and nightclubs.

The close proximity of Cairns to natural attractions like the Great Barrier Reef and the Daintree Rainforest give rise to a thriving business in international visitors. Students looking for part-time work during their studies in Cairns will find a variety of part-time jobs available in tourism, hospitality, retail sales and business administration, with many employers valuing part-time workers with foreign language skills.

www.cityofcairns.qld.gov.au
www.cairnsgreatbarrierreef.org.au

The Campus

The James Cook University 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 (approximately 9 miles) north of the city centre and near the popular northern beaches suburbs. The campus is serviced by regular buses to the city centre and the nearby Smithfield shopping centre and residential areas.

With over 4,000 students enrolled, including more than 400 international students, the campus offers the latest teaching and learning facilities with new developments including a \$30 million, state-of-the-art teaching facility for dentistry and a similar signature facility for the Cairns Institute.

The Cairns campus offers a range of activities and facilities for students including

- student eatery, café and bar
- bookshop
- sporting facilities
- JCU Pathway College
- amphitheatre
- Student Association Office
- dental clinic

Students enjoy small classes and a friendly campus atmosphere. Modern student accommodation is also situated near the campus.



Education Central



The Strand beachfront



Education Central

Our tropical campuses

Townsville

Townsville is a thriving coastal city and port with a population of more than 190,000 making it Australia's largest tropical city. Situated in the dry tropics, most days are sunny, with an average daytime temperature of between 25°C-30°C (77°F-86°F).

The City

Townsville is a major industrial city for north-eastern Australia. Its varied and fast growing economy means that there are many employment opportunities in the city, both for JCU graduates and for students seeking part-time work to help finance their study. The city is uniquely 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. The resort regions of Mission Beach and the Whitsunday islands are also within easy reach, and to the west are the savannahs and gulf country of the outback. Students have a wealth of sporting, cultural and entertainment options available.

www.townsville.qld.gov.au
www.townsvilleenterprise.com.au

The Campus

With over 13,000 students including approximately 1,500 enrolled international students, is located in a peaceful 386-hectare setting of natural bush and parkland full of native Australian flora and fauna 13 kilometres (8 miles) from the city centre.

The Townsville campus offers a range of facilities and services for students including

- retail stores and bookshop
- cafes and food and drink outlets
- gym, sporting facilities and swimming pool
- accommodation service
- counselling and career services
- main JCU library
- student mall with dining options
- post office and hairdresser
- pharmacy
- grocery store
- medical clinic
- dental clinic
- Global Lounge

Students from diverse backgrounds live on campus in colleges and halls of residence, with free parking available in several areas of the university and free wifi access across most of the campus. Students have the convenience of a Medical Centre on campus, as well as on-campus childcare options. New developments are underway as part of JCU's Discovery Rise project.



Singapore's Marina Bay



The iconic Singapore Flyer



Students at JCU Singapore

Our tropical campuses Singapore

Singapore offers the best of both worlds, combining a cosmopolitan and sophisticated city with Asian traditions and heritage.

The City

Singapore's unique characteristics and highly accessible infrastructure make it one of the best places to study and work in Asia. Aiming to be the educational hub and global schoolhouse of the region, this multi-cultural country provides you with an exciting platform for personal growth, professional fulfillment 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.

The Campus

JCU Singapore is fully owned by James Cook University Australia. The university established JCU Singapore in 2003 as part of its expressed intent of "Creating a brighter future for life in the tropics world-wide through graduates and discoveries that make a difference", and offers a suite of university level programs across two campuses.

Student enrolment at the campus has grown rapidly from 50 students in 2003 to approximately 3000 students in 2013. 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 onsite bistro and access to a variety of sporting facilities.

All courses are registered with the Council for Private Education (Registration No. 200100786K) and the operations are governed by EduTrust. In 2008, the campus achieved the Singapore Quality Class for Private Education Organizations accreditation

JCU Inter Campus Mobility Program

James Cook University provides the opportunity for students to study in Singapore and in Australia (for a maximum of two semesters) and yet still remain as a Singapore based student paying their fees in Singapore dollars. This is a unique program and is only possible because the university operates across both countries. The program is designed to ensure students get the best possible outcomes from their years of study with the university.

Singapore Campus Courses and Fees

Course	Total Tuition Fees#	Fast-track duration in years*
Bachelor of Arts (Psychology)	S\$50,205	2
Bachelor of Business (Accounting, Business Intelligence and Information Systems, Financial Management, Hospitality and Tourism Management, International Business, Management, Marketing, Sports and Event Management)	S\$47,765	2
Bachelor of Business and Environmental Science	S\$51,831	2
Bachelor of Information Technology (Computing and Networking, Interactive Technologies and Games Design)	S\$47,765	2
Bachelor of Psychology (Pass)	S\$69,101	3
Bachelor of Psychology (Honours)	S\$73,381	3

* 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 2014 and are subject to change for 2015.



Additional
study options

Pathways to JCU

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

English Language Programs

Located on both Cairns and Townsville campuses, these centres are operated by the 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 undergraduate and postgraduate courses at James Cook University campuses in Townsville and Cairns.

General English (GE) Program

General English Intensive courses are also available. Courses are designed to develop students 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 you can communicate more effectively in English. If desired students can develop skills in English to a point where you can progress to the Direct Entry English Program (DEEP 1). Courses options range from elementary to advanced levels.

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, physics and chemistry subjects.

Research Pathways

For students who have a Bachelor degree but do not have sufficient research experience, JCU offers research qualifying courses known as Research Methods courses as a pathway to research higher degrees. The courses are individually tailored to satisfy the University's requirements for a research masters degree.

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. International Baccalaureate (IB) students, who have achieved a grade of 6 or 7 for IB subjects taken at the Higher Level (HL) in their final year, may be offered advanced standing of up to 6 JCU credit points towards subjects in certain JCU Bachelor programs. Find out more at JCU's Advanced Standing Calculator www.jcu.edu.au/international/public/groups/everyone/documents/policy/jcuprd_034357.pdf



Additional
study options

The Diploma of Higher Education

There are options for those students seeking additional support and preparation before studying for a Bachelor degree.

The Diploma of Higher Education is a 1-year introductory course (two years part-time) 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. For more information visit www.jcu.edu.au/international/apply. Students can study a mix of introductory and first year subjects in the following study streams:

Business Studies

In the Business Studies stream students study two core subjects plus a mix of introductory and first year subjects including accounting, economics, business communications and business law. Successful completion of the Diploma allows entry into JCU Business degrees along with credit for some subjects successfully completed.

Information Technology

The Information Technology stream includes study of programming, interactive media and internet fundamentals. On successful completion of the course students can apply for entry into JCU Information Technology degrees and receive credit for some subjects successfully completed.

General Studies

The General Studies stream allows students to study subjects across all the diploma study streams. Successful completion of the Diploma allows entry into a wide range of degree programs along with credit for some subjects successfully completed.

Society and Culture

The Society and Culture stream includes study of a variety of social and cultural issues. Successful completion of the Diploma allows entry into a wide range of JCU degree programs along with credit for some subjects successfully completed.

Health

In the Health stream students study two core subjects plus a mix of introductory and first year subjects within a wide range of health related fields including; nursing, exercise nutrition, psychology, allied health and pharmacy. Successful completion of the Diploma allows entry into JCU degree programs along with credit for some subjects successfully completed.

Science

In the Science stream students study two core subjects plus a mix of introductory and first year subjects within the biology and natural science fields. Successful completion of the

Diploma allows entry into JCU science degree programs along with credit for some subjects successfully completed.

Engineering and Applied Science

In the Engineering and Applied Science stream students study two core subjects plus a mix of introductory and first year subjects within the engineering and applied science fields. Successful completion of the Diploma allows entry into a wide range of degree programs along with credit for some subjects successfully completed.

Business (Degree eligible students only)

The Diploma of Higher Education (Business) is a one year course for students who qualify for entry into JCU Bachelor of Business but only want to engage with a one year study program. Students study a range of business subjects including; accounting, economics, business communications, business law, marketing, management, business data analysis and one elective subject from the first year of a business major. Successful completion of the Diploma allows entry into JCU Bachelor of Business along with credit for all subjects successfully completed.



Additional
study options

JCU Brisbane

Brisbane is a modern and diverse subtropical city offering visitors a stimulating experience in a warm, friendly and relaxed environment.

Brisbane is a leading destination for international education, business, investment and major events. The sunshine state capital is rapidly emerging as a diverse and energised global city with a \$104 billion economy.

JCU Brisbane, operated by Russo Higher Education Pty Ltd, is nestled in the heart of the capital city and is a short distance from the riverfront.

Students choosing James Cook University Brisbane will be joining a university community recognised for excellence in learning innovation, cutting edge Work Integrated Learning programs, and support systems specially designed to maximise learning outcomes and enhance university experiences.

Work-Integrated Learning

Work-Integrated Learning (WIL) is learning through experience. At JCU Brisbane, this learning is maximised using a range of activities and experiences to expose students to a variety of authentic industry-related situations. These opportunities may include a professional internship, working in a group on a community project, visiting an Australian business or having corporate leaders work with students in the classroom.

Employment and Careers Services – through Joblinx

Exclusive to JCU Brisbane students, Joblinx services include sourcing part-time, casual and graduate employment, as well as providing training, professional development and work experience programs.

Trimester System

JCU Brisbane’s academic calendar provides for three study periods beginning in March, July and November. 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

Course	Annual Tuition Fees [#]	Standard duration (in trimesters)
Bachelor of Business (Accounting [^] , Hospitality and Tourism Management, International Business, Management, Marketing)	\$23,000	8

[^] Available as single major only
[#] Tuition fee in Australian dollars



Choosing the right course

With hundreds of undergraduate courses on offer at JCU, from accountancy to zoology, it's important to take time to research your study options.

Career outcomes

With courses accredited by leading professional organisations, James Cook University received five stars in The Good Universities Guide 2012 for graduate success in getting a job. JCU offers students a multitude of study options and equip students with the skills they need to succeed in their chosen career. Possible career opportunities for each JCU course are listed in the following course pages.

Professional programs

Many of JCU's professional programs are offered as a Bachelor degree, which allows for entry upon successful completion of senior (Year 12 equivalent) 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 either Townsville, Cairns or Brisbane campuses. JCU offers a number of courses which can be studied externally from the students 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 on page 14 shows mid-year availability for each course.

Courses and fees

Course	2015 Tuition Fee (per year)	Duration	Campus/ Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
BACHELOR DEGREES						
Bachelor of Arts [see p.16] (Anthropology, Archaeology, Criminology, English, Environmental Studies, French, Geography, German, History, Human Services, Indigenous Australian Studies, Italian, Japanese, Media and Writing, Political Science, Psychology, Sociology)	\$21,500	3	T,C**	Yes	1	
Bachelor of Arts/Bachelor of Business [see p.16/21]	\$23,000	4	T,C**	Yes#	1	
Bachelor of Arts/Bachelor of Laws [see p.16/23]	\$24,000	5	T,C**	Yes	2	
Bachelor of Arts/Bachelor of Science [see p.16/40]	\$26,000	4	T,C**	Yes	1	Chemistry, Maths B
Bachelor of Biomedical Sciences [see p.33]	\$25,000	3	T	No	2	Chemistry, Maths B
Bachelor of Biotechnology [see p.39]	\$26,000	3	T	No	1	Chemistry, Maths B
Bachelor of Business [see p.21] (Accounting, Banking & Finance, Business Intelligence & Information Systems, Economics, Financial Management, Hospitality & Tourism Management, Human Resources Management, Health Management, International Business, Management, Marketing, Sports & Events Management)	\$23,000	3	T,C**	Yes	1	
Bachelor of Business and Environmental Science [see p.39]	\$24,500	3	T	Yes	1	Maths B
Bachelor of Business/Bachelor of Laws [see p.21/23]	\$24,000	5	T,C**	Yes	2	
Bachelor of Business/Bachelor of Psychology [see p.21/29]	\$24,500	5	T,C	No	1	
Bachelor of Creative Industries [see p.25] (Media Design, Photomedia, Visual Arts)	\$23,000	3	C	Yes	1	
Bachelor of Dental Surgery [see p.33]	\$47,500	5	C	No	3b	Chemistry, Maths B
Bachelor of Education (Early Childhood Education) [see p.29]	\$21,500	4	T,C,External*	Yes	3c	
Bachelor of Education (Primary) [see p.29]	\$21,500	4	T,C	Yes	3c	
Bachelor of Education (Secondary) [see p.29]	\$21,500	4	T,C	Yes	3c	Chemistry, Maths B
Bachelor of Education/Bachelor of Arts [see p.29/16]	\$21,500	5	T,C	Yes	3c	
Bachelor of Education/Bachelor of Science [see p.29/40]	\$26,000	5	T,C**	Yes	3c	Chemistry, Maths B
Bachelor of Engineering^{^^} [see p.30] (Chemical, Civil, Computer Systems, Electrical and Electronic, Mechanical)	\$27,000	4	T,C (first year only)	No	1	Maths B
Bachelor of Engineering^{^^}/Bachelor of Information Technology [see p.30/23]	\$27,000	5	T,C (first year only)	Yes	1	Maths B
Bachelor of Engineering^{^^}/Bachelor of Science [see p.30/40]	\$27,000	5	T,C (first year only)	Yes~	1	Chemistry, Maths B
Bachelor of Geology [see p.39]	\$29,000	3	T,C (first year only)	Yes	1	
Bachelor of Information Technology [see p.23]	\$23,000	3	T,C	Yes	1	
Bachelor of Languages [see p.18] (French, German, Italian, Japanese)	\$21,500	4	T,C**	No	1	
Bachelor of Laws [see p.23]	\$24,000	4	T,C	Yes	2	
Bachelor of Laws (Graduate Entry) [see p.23]	\$24,000	3	T,C	Yes	2	Completion of a recognised degree in an area other than law
Bachelor of Marine Science [see p.39]	\$26,000	3	T	Yes	1	Chemistry, Maths B
Bachelor of Medical Laboratory Science [see p.33]	\$25,000	4	T	No	2	Chemistry, Maths B
Bachelor of Medicine/Bachelor of Surgery [see p.33]	\$39,000	6	T	No	3b	Chemistry, Maths B
Bachelor of Multimedia Journalism [see p.19]	\$23,000	3	T	Yes	1	
Bachelor of New Media Arts [see p.25] (Creativity and Innovation, Media Design, Music and Sound Media, Photomedia)	\$23,000	3	T	Yes	1	
Bachelor of Nursing Science [see p.34]	\$23,000	3	T,C	No	3a	

The fees listed are based on the annual tuition fee for students commencing in 2015. The total course fee can be determined by multiplying the 2015 annual tuition fee by the course duration (years), and including a maximum annual increase of 4% for each year beyond 2015. JCU's Tuition Fee Policy for International Students can be found at www.jcu.edu.au/policy/student/finance/JCUDEV_005357.html.

Course	2015 Tuition Fee (per year)	Duration	Campus/ Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
Bachelor of Occupational Therapy [see p.34]	\$25,000	4	T	No	2	One of Biology, Chemistry, Physics, Health Education or Physical Education
Bachelor of Occupational Therapy with Honours (Graduate Entry) [see p.34]	\$25,000	1	T	No	2	Completion of a recognised degree in Occupational Therapy or equivalent
Bachelor of Pharmacy [see p.34]	\$26,000	4	T	No	3a	Chemistry, Maths B
Bachelor of Physiotherapy [see p.35]	\$25,000	4	T	No	3a	Maths B plus one of: Chemistry, Biology, Physics, Health Education or Physical Education
Bachelor of Physiotherapy with Honours (Graduate Entry) [see p.35]	\$25,000	1	T	Yes	3a	Completion of a recognised degree in Physiotherapy or equivalent
Bachelor of Planning [see p.39]	\$26,000	4	T,C	Yes	1	
Bachelor of Psychology [see p.29]	\$24,000	4	T,C	No	1	
Bachelor of Science [see p.40/35] (Aquaculture Science & Technology, Biochemistry and Molecular Biology, Chemistry, Ecology and Conservation, Environmental Management, Environmental and Marine Geosciences, Geography, General, Geology, Marine Biology, Mathematics, Physics, Zoology, Zoology and Ecology)	\$26,000	3	T,C**	Yes#	1	Chemistry, Maths B for Physics only: also MathsC or Physics
Bachelor of Science/Bachelor of Laws [see p.40/23]	\$26,000	5	T,C**	Yes	2	Chemistry, Maths B
Bachelor of Social Science [see p.19] (Asia Pacific Governance and Development, Environment and Heritage, Social and Criminal Justice, Tropical Health and Society)	\$21,500	3	T,C	Yes	1	
Bachelor of Social Work [see p.29]	\$21,500	4	T,C	Yes	3a	
Bachelor of Speech Pathology [see p.36]	\$25,000	4	T	No	See minimum pre-requisites	One of: Biology, Chemistry, Physics or Health Education. IELTS requirement – overall of 7.0 with minimum of Writing 6.0, Speaking 8.0, Reading 7.0, Listening 7.0
Bachelor of Speech Pathology with Honours (Graduate Entry) [see p.36]	\$25,000	1	T	No	See minimum pre-requisites	Completion of a recognised degree in Speech Pathology or equivalent. IELTS requirement – overall of 7.0 with minimum of Writing 6.0, Speaking 8.0, Reading 7.0, Listening 7.0
Bachelor of Sport and Exercise Science [see p.36]	\$24,000	3	T,C	No	2	
Bachelor of Sport and Exercise Science/Bachelor of Business [see p.36/21]	\$24,000	4	T,C	No	2	
Bachelor of Sport and Exercise Science/Bachelor of Education [see p.36/29]	\$24,000	5	T,C	No	3c	
Bachelor of Sustainability [see p.42] (Business, Science, Social Science)	\$26,000	3	C	Yes	1	
Bachelor of Veterinary Science [see p.36]	\$47,500	5	T	No	3a	Chemistry, Maths B
DIPLOMAS						
Diploma of Higher Education	\$23,000	1	T,C	Yes	1	IELTS requirement– overall 5.5 with no component lower than 5.0

Campus availability: T = Townsville; C = Cairns (Internal Mode)
For Singapore campus offerings see page 9.
For Brisbane campus offerings see page 12.
English Band Level information can be found on page 51.

- * Offered in external mode (some face-to-face teaching may be required)
- ** Not all majors available at all campuses
- *** Pre-requisites required from 2016 onwards
- # Not all majors available for mid-year entry
- ~ Mid year entry not available at Cairns Campus
- ^ New major being developed
- ^^ This course is under review, please contact JCU for more information

Note: Maths B is a senior high school maths and pre-requisite for any tertiary course which deals with or uses mathematics and/or science.

Arts, Humanities and Social Sciences

Bachelor of Arts

The Bachelor of Arts (BA) is a flexible degree allowing students to tailor a program to suit their individual career aspirations. It brings together subjects from the humanities and social sciences to create graduates who have a broad knowledge of society and culture and key skills in communication, research and critical analysis.

Arts graduates find careers in the private and public sector in many diverse roles. Specialisations are available in

- Anthropology
- Archaeology
- Asian Century (available as second major only)
- Criminology
- English
- Environmental Studies
- French
- Geography
- German
- History
- Human Services
- Indigenous Australian Studies
- Italian
- Japanese
- Media and Writing
- Political Science
- Psychology
- Sociology

Students can take single or double majors. It is possible for students to choose subjects from complementary disciplines from other JCU programs. Combining the BA with professional degrees in law, education, science or business gives complementary skills valued by employers.

Regardless of the major or specialisation chosen the Bachelor of Arts consists of common first year core subjects that include

- Time, Truth and the Human Condition
- Our Space: Networks, Narrative, and the Making of Place

In addition to core subjects, students complete subjects required for their chosen majors plus electives.

Anthropology

COURSE HIGHLIGHTS

A priority in teaching Anthropology at JCU is to provide students with a wide range of skills and experience. One such skill includes fieldwork, which is research outside of the conventional classroom. Field research can take place in Papua New Guinea, Africa, and the Pacific, or in hospitals and zoological parks, for example – anywhere an interesting anthropological problem has been identified. Although original field work in anthropology usually takes place at the postgraduate level, the crucial methods are introduced at undergraduate level.

CAREER OPPORTUNITIES

Anthropologists work in museums, universities, government departments and special research institutes. Government departments and non-government organisations give high priority to anthropological qualifications in recruiting for projects within Australia and overseas with, for example, the Department of Foreign Affairs and Trade and aid agencies.

A selection of subjects for this major include

- Medical Anthropology
- Myth and Ritual
- Culture, Knowledge and Environment
- Sex, Drugs and Human Nature
- Anthropology of Violence

Archaeology

COURSE HIGHLIGHTS

Archaeology students at JCU have access to world-class, in-house geophysics equipment. You can participate in site visits and fieldwork projects throughout northern Queensland. An archaeological field laboratory on the Townsville campus provides experience in field techniques.

CAREER OPPORTUNITIES

Opportunities exist for archaeology graduates as consultants and advisors on specific projects relating to cultural heritage assessments, including in mineral and resource

exploration industries. Graduates also pursue careers in universities (as teachers and/or researchers), 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

Asian Century

(Available as a second major only)

COURSE HIGHLIGHTS

The purpose of the Asian Century major is to provide a suite of subjects that contextualise the Asian Century within the human story, prioritise histories and cultures, and 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, the major will assist students to understand the regional and global contexts of issues associated with the Asian Century and where possible gain cross cultural experiences in Asia.

As Asian Century is only available as a second major it must be combined with another Arts major.

CAREER OPPORTUNITIES

Our world requires students with an understanding of Asia and an ability to engage with it, whether they enter teaching, government employ, business or law. The research and cultural skills developed during study will enhance the skills and employability of Arts and Social Science graduates, providing that extra edge in a competitive world.

A selection of subjects for this major include

- Asia Pacific Development: Culture & Globalisation
- Intercultural Psychology

- Government & Politics in Developing Areas
- International Relations & Foreign Policy
- Asian Cities
- International Exchange

Criminology

COURSE HIGHLIGHTS

This course combines the study of sociology, social work, law, anthropology, Indigenous affairs and psychology. 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 can pursue careers with a variety of organisations including: police services (federal and state); correctional services departments (for example, as parole officers); 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 consistently rate the English major at JCU very highly for its intellectual interest and the enthusiastic commitment of its staff. No other course provides training in these abilities in such an approachable and enjoyable package, making it an excellent choice.

CAREER OPPORTUNITIES

The excellent analytical and writing skills of English graduates prepares them for careers in journalism, editing and publishing, creative writing, research, librarianship, public relations,

advertising, scriptwriting, theatre and television work, and (with additional qualifications) teaching in all educational settings.

A selection of subjects for this major include

- Reading & Writing the Short Story
- Heroism & Humanism: Shakespeare & the English Renaissance
- Progress and Anxiety: The Victorian Age
- The Romantic Vision

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 JCU's close links with leading environmental management agencies.

CAREER OPPORTUNITIES

Graduates can 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

French

COURSE HIGHLIGHTS

French is spoken by more than 300 million people, making it the ninth most widely spoken language on the planet. It is the second most studied foreign language in the

world after English. JCU's Bachelor of Arts (French) is designed to give students a deeper understanding of France, its language, culture and history through a Bachelor of Arts framework.

CAREER OPPORTUNITIES

The ability to speak another language expands career opportunities greatly. Graduates with a knowledge and ability to speak French could pursue a range of careers including international trade, government affairs, tourism and hospitality, translation, international aid and emergency relief and teaching (with additional qualifications).

All students studying a language through the Bachelor of Arts will study the language at Foundation, Intermediate and Advanced levels.

Geography

COURSE HIGHLIGHTS

Students at JCU have access to some of the most spectacular environments on earth including 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 are 'big picture' professionals. They 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
- Urban Geography

German

COURSE HIGHLIGHTS

Germany is the fourth largest economy after the United States, China and Japan. It is also a major political power, playing a vital and central role in the European Union. German is also an important international language for philosophy, physics, engineering, music and art history. JCU's Bachelor of Arts (German) is designed to give students a deeper understanding of Germany, its language, culture and history through a Bachelor of Arts framework.

CAREER OPPORTUNITIES

The ability to speak another language expands career opportunities greatly. Graduates with a knowledge and ability to speak German could pursue a range of careers including international trade, government affairs, tourism and hospitality, translation, international aid and emergency relief and teaching (with additional qualifications).

All students studying a language through the Bachelor of Arts will study the language at Foundation, Intermediate and Advanced levels.

History

COURSE HIGHLIGHTS

Studying past social and cultural conditions along with political and economic events can reveal special insights into the world around us. History graduates develop skills and insights for careers that demand high levels of research and communication.

CAREER OPPORTUNITIES

History graduates are successful in careers that require in-depth research, writing and public presentation including: museums and archives; government policy, practice and law; publishing; journalism; heritage; and teaching. 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
- Nationalism in the Modern World

Human Services

COURSE HIGHLIGHTS

This course provides students with 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

Human Services 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 & Social Issues
- Aboriginal & Torres Strait Islander Skills & Frameworks for Practice
- Organisational Practice
- Developmental Approaches to Eco-Social Justice
- Working in Child and Family Welfare
- Rural Welfare

Indigenous Australian Studies

COURSE HIGHLIGHTS

Through collaboration with Indigenous communities, the Bachelor of Arts (Indigenous Australian Studies) offers first-hand experience of the diversity of Indigenous life in northern Australia.

CAREER OPPORTUNITIES

This is an employment-orientated course that equips Indigenous and non-Indigenous peoples to work with Aboriginal and/ or Torres Strait Islander people.

A selection of subjects for this major include

- Ecology & Australian

- Indigenous Cultures
- Impact of Change on Indigenous Peoples: A Global Perspective
- Indigenous Family Wellbeing & Community Development
- Language and Culture in Indigenous Australia
- Media and Race Relations

Italian

COURSE HIGHLIGHTS

Italy's contribution to the cultural and historical heritage of Europe has been immense. Italian is one of the most widely spoken languages in Australia. JCU's Bachelor of Arts (Italian) is designed to give students a deeper understanding of Italy, its language, culture and history through a Bachelor of Arts framework.

CAREER OPPORTUNITIES

The ability to speak another language expands career opportunities greatly. Graduates with a knowledge and ability to speak Italian could pursue a range of careers including international trade, government affairs, tourism and hospitality, translation, international aid and emergency relief and teaching (with additional qualifications).

All students studying a language through the Bachelor of Arts will study the language at Foundation, Intermediate and Advanced levels.

Japanese

COURSE HIGHLIGHTS

The Japanese language has acquired worldwide importance because of the position Japan occupies as the third largest economy in the world. JCU's Bachelor of Arts (Japanese) is designed to give students a deeper understanding of Japan, its language, culture and history through a Bachelor of Arts framework.

CAREER OPPORTUNITIES

The ability to speak another language expands career opportunities greatly. Graduates with a knowledge and ability to speak Japanese could pursue

a range of careers including international trade, government affairs, tourism and hospitality, translation, international aid and emergency relief and teaching.

All students studying a language through the Bachelor of Arts will study the language at Foundation, Intermediate and Advanced levels.

Media and Writing

COURSE HIGHLIGHTS

This course offers you the opportunity to gain skills across the areas of media, public relations, journalism and writing. Designed and taught by academic staff, including widely published authors and journalists, the Bachelor of Arts (Media and Writing) will prepare you for a career as an independent writer, professional communicator and/or public relations specialist.

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, plus an ability to speak the languages of news and public relations will greatly enhance career prospects.

A selection of subjects for this major include

- Public Relations Campaigns
- Writing Convergent Stories
- Creative Writing
- Introduction to Broadcast Journalism

Political Science

COURSE HIGHLIGHTS

This course combines the study of politics and public policy with comparative government and international relations. Students explore politics from social, historical, economic and legal perspectives, and examine the complex interactions between the domestic and international affairs of nations.

CAREER OPPORTUNITIES

Political Science graduates analyse and provide strategic advice on domestic and international affairs and policy for governments, industry and non-government organisations.

A selection of subjects for this major include

- Policy Analysis and Management
- Government and Politics in Developing Areas
- International Relations and Foreign Policy
- Australia and World Politics
- Australian Public Policy & Politics

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) four year Bachelor of Psychology.

CAREER OPPORTUNITIES

Graduates of the non-accredited BA (Psychology) 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 & Cognition

Sociology

COURSE HIGHLIGHTS

Sociology students gain an ability to understand what is happening around them through a critical lens.

CAREER OPPORTUNITIES

Governments and non-government organisations apply the work of sociologists for policy analysis and development. Market research organisations also employ sociologists to assist in the understanding of diverse markets for different products and/or services.

A selection of subjects for this major include

- Sociology of Health and Medicine
- Gods, Myths and Cults
- Power and Protest in a Globalising World
- Youth Identity and Popular Culture
- Family, Gender and Sexuality in Contemporary Society

Bachelor of Languages

The Bachelor of Languages is a four-year course, with a study abroad year between years two and three at an approved overseas university. Language specialisation is available in the following fields:

- French
- German (Townsville only)
- Italian (Cairns only)
- Japanese

COURSE HIGHLIGHTS

Modern language students will experience quality tuition from highly-qualified foreign language experts, and access to a wide range of audio-visual resources. An exciting component of the Bachelor of Languages is one year of study at an overseas university in Level 3 (third year). Students are encouraged to include a second major from the Bachelor of Arts, thereby providing a further distinguishing feature to their course.

CAREER OPPORTUNITIES

Bachelor of Languages graduates find employment in Australia and overseas in government, non-government organisations and businesses requiring skills in negotiations related to trade, treaties, security, environment,

or international aid and human rights. Language professionals also develop careers in communications, journalism, education, LOTE (Languages other than English) and Teachers of English to Speakers of other Languages (TESOL), publishing, law, tourism and interpretation services.

Bachelor of Multimedia Journalism

The Bachelor of Multimedia Journalism is a ground-breaking course which provides the digital media skills required by today's converged newsrooms. This course provides an innovative program of study to meet the changing media landscape and prepares students to tell stories using video, audio and text.

COURSE HIGHLIGHTS

Fieldwork is an important component of journalism and in this course students visit courtrooms, do on-site stories and complete a professional internship during the final year of study. Students are also given access to the latest multimedia technology such as microphones, digital still and video cameras, to help gather stories. JCU lecturers are working journalists so students are exposed to current industry best practices.

CAREER OPPORTUNITIES

Students will have a portfolio of work at the end of their course, which will prepare them for the media industry. Graduates can expect to find employment as journalists, communication officers, web development managers, advocacy officers and communications consultants who are multi-skilled in many of these areas.

A selection of subjects for this course include

- Writing Convergent Stories
- Introduction to Broadcast Journalism
- Design for Media
- Multimedia Production
- Investigative Features
- Video and Photojournalism

Bachelor of Social Science

The Bachelor of Social Science is a flexible course focused on culture, society, political systems and how we as individuals, make sense of our world. With a background in these fundamental issues your career options are endless, with social scientists employed in social planning, international aid, cultural heritage, environmental management and allied health professions including counselling, welfare, health policy and promotion. Majors include

- Asia-Pacific Governance and Development
- Environment and Heritage
- Social and Criminal Justice
- Tropical Health and Society

Regardless of the major or specialisation chosen the Bachelor of Social Science consists of common core subjects that include

- An introduction to Social Science Research Practices
- Australian People: An introduction to the Social Sciences
- Qualitative Research
- Tropical Futures: Social Sciences at Work
- Describing and Analysing Behaviour
- Social Survey Design and Analysis

Students can choose to do a secondary major from the Bachelor of Arts, which may include:

- Anthropology
- Archaeology
- The Asian Century
- French
- Germany
- History
- Human Services
- Indigenous Australian Studies
- Italian
- Japanese
- Political Science, or
- Sociology

See page 16 for details.

Asia-Pacific Governance and Development

COURSE HIGHLIGHTS

Asia-Pacific Governance and Development takes a multi-disciplinary approach and students explore culture, political systems, societies and how we as individuals make sense of the world.

CAREER OPPORTUNITIES

Social science graduates are equipped to critically analyse information and conduct research that can make a difference at local, national or international level.

A selection of subjects for this major include

- Nationalism in the Modern World
- Globalisation - Historical Perspectives
- Impact of Change on Indigenous Peoples: A Global Perspective
- Government & Politics in Developing Areas
- The Anthropology of Violence
- Developmental Approaches to Eco-Social Justice

Environment and Heritage

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.

CAREER OPPORTUNITIES

Graduates have skills that are transferable across many sectors including government, education, the arts, business, and industry.

A selection of subjects for this major include

- Ecology and Australian Indigenous Cultures
- Introduction to Geographic Information Systems
- Environmental History
- Environmental Law and Policy
- Urban Geography and Design
- Developmental Approaches to Eco-Social Justice

Social and Criminal Justice

COURSE HIGHLIGHTS

Social and Criminal Justice students undertake field placements in a variety of roles in criminal justice agencies and community-based agencies concerned with social justice.

CAREER OPPORTUNITIES

The skills acquired in this program are particularly attractive to a broad range of employers interested in graduates with critical thinking, analytical skills and problem solving abilities.

A selection of subjects for this major include

- Anthropology of Violence
- Perspectives on Criminology
- Media and Race Relations
- Australian Indigenous Politics
- Youth Deviance
- Power & Protest in a Globalising World

Tropical Health and Society

COURSE HIGHLIGHTS

As a student of Tropical Health and Society you will benefit from JCU's strong research presence in northern Queensland's health and welfare sectors.

CAREER OPPORTUNITIES

Tropical Health and Society graduates will be qualified to work in Australia, the Asia Pacific and many other regions of the world.

A selection of subjects for this major include

- Health Psychology
- Medical Anthropology
- Sociology of Health & Medicine
- Health Promotion for Health Professionals
- Sex, Drugs and Human Nature.

Need More Info?

Visit the Courses and Degrees website
www.jcu.edu.au/courses



Kerryanne Voivoi
Bachelor of Business
Papua New Guinea

I was drawn to JCU because of the course components and the career opportunities a Bachelor of Business would give me.

Since high school I have always been interested in Accountancy and since studying at JCU I look forward to putting the skills and knowledge I have acquired to good use. I have found the lecturers to be approachable and friendly, the delivery of information is effective with concepts that are made easy to understand. Life in Australia is also awesome; I love the weather, the food and the people.



Business, Information Technology and Law

Bachelor of Business

JCU's Bachelor of Business is a flexible course that offers a wide range of majors or specialisations. Students must complete common core subjects as well as a business major of their choice. They also have the option of completing a double major or a selection of minors or elective subjects from other disciplines within James Cook University. The curriculum ensures flexibility and choice for students who can choose to switch majors at the end of the first year of study.

All business students undertake Work Integrated Learning projects as these allow application of business theory and the gaining of practical skills. The Work Integrated Learning philosophy allows students to build their own portfolio which will assist them in gaining their first career position in business.

The following majors are available

- Accounting
- Banking and Finance
- Business Intelligence and Information Systems
- Economics
- Financial Management
- Health Management
- Hospitality and Tourism Management
- Human Resources
- International Business
- Management
- Marketing
- Sports and Events Management

The following minors are also available but will depend on the Major chosen

- Accounting
- Banking
- Business Intelligence
- Communication Design
- Financial Management
- Government and Policy Management
- Indigenous Studies
- Information Systems
- Logistics Management
- Management
- Managerial Economics
- Marketing
- Media Design

- Social Marketing & Not-for-Profit Marketing
- Socio-Ecological Economics
- Sustainability
- Tourism Management

It is also possible to study a number of double degrees at JCU – gaining two qualifications in a shorter amount of time. The Bachelor of Business can also be combined as a joint degree with Arts, Law, Sport and Exercise Science and Psychology.

Regardless of the major or specialisation chosen the Bachelor of Business consists of common first-year subjects that include

- Business Data Analysis and Interpretation
- Business, Environment and Society in the Tropics
- Contemporary Business Communications
- Accounting for Decision Making
- Economics for Sustainable Business
- Managing Consumer Markets
- Business Law

Plus the first subject of your chosen major.

Accounting

COURSE HIGHLIGHTS

This program is for students wishing to become professionally qualified accountants. It is fully accredited with the Institute of Chartered Accountants Australia (ICAA) and CPA Australia (Certified Practising Accountants) and upon graduation students are eligible for membership with these professional bodies. This course also equips graduates with broad business skills for a range of business careers.

CAREER OPPORTUNITIES

Accounting graduates are in demand around Australia and the world. They enjoy and progress through a wide range of employment opportunities in the public and private sectors including: public accounting practice, financial and management accounting, systems accountant, financial officer, chief executive officer, financial analyst, management consulting,

stockbroker, merchant banker, financial institutional manager, policy advisor, taxation and financial planning, and corporate bankruptcy, insolvency and recovery.

A selection of subjects for this major include

- Accounting Principles and Systems
- Cost and Management Accounting
- Auditing
- Contemporary Issues in Accounting
- Performance Management and Control
- Company Accounting
- Business Information Systems
- Financial Management
- Business Modelling
- Law of Business Organisations
- Taxation

Banking & Finance

COURSE HIGHLIGHTS

In this major students will learn different approaches to managing financial institutions including commercial banks, rural cooperatives and microfinance institutions. Students examine the financing of international trade, and the role of lending to small and medium-sized enterprises as a driver of sustainable economic growth in the Asia-Pacific region.

CAREER OPPORTUNITIES

With further banking and finance expertise students will be in a position to pursue a broad range of successful careers such as

- Credit officer/manager
- Relationship manager lending
- Market risk manager
- Treasury trader
- Regional manager financial services
- Banking advisor
- International trade advisor

Business Intelligence & Information Systems

COURSE HIGHLIGHTS

Students will 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

Business graduates with a major in Business Intelligence and Information Systems can pursue a broad range of careers including

- Business analyst
- E-business manager
- Information systems manager
- Security analyst
- Security consultant
- Systems analyst
- Information systems consultant
- Project manager
- 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
- Database Modelling
- Collective Intelligence & Social Networks
- E-Strategic Management
- 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. The course offers choice and flexibility. Students can enhance their economics expertise by including other specialist subjects in economics and econometrics.

CAREER OPPORTUNITIES

JCU Economics graduates are very successful in finding 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, federal, state and local government departments, research organisations and universities.

A selection of subjects for this major include

- Macroeconomics Policy
- 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
- Cost Benefit Analysis
- 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

As a graduate with a major in Financial Management, you will have the financial expertise to pursue a broad range of successful careers, for example, a banker, compliance officer, financial manager, financial analyst, financial planner, financial institution manager, fund manager, investment analyst, investment banker, stockbroker and financial researcher.

A selection of subjects for this major include

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

Hospitality & Tourism Management

COURSE HIGHLIGHTS

Students will have the opportunity to explore particular types of tourism and hospitality operations within a sustainable tropical tourism context. Through examining case studies students will 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 you will be in a position to pursue a broad range of successful careers such as

- Destination coordinator
- Resort duty manager
- Events sales executive
- Club duty manager
- Events operations manager
- Tourism research officer
- Hospitality venue manager
- Travel consultant

Human Resources Management

COURSE HIGHLIGHTS

Students will learn how 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

The significance and gravity of workplace legislation such as workplace health and safety and equal employment opportunity have increased demand for experienced human resource specialists.

A selection of subjects for this major include

- Personnel Economics
- Managing People
- Change Management
- Research and Decision Making for Business
- Managing a Global Workforce

- Contemporary Issues in Human Resources Management
- Business Negotiation
- Employment Relations

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 in working remotely, 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 application of the concepts and theories covered in the subjects to real-world practice is stressed through a range of industry speakers, case studies and practical projects involving real health management issues, challenges and problems.

CAREER OPPORTUNITIES

Business graduates with a major in Health Management, can pursue a broad range of careers including Health information service manager, Practice manager, Health admissions coordinator, Client service coordinator, Patient liaison administrator, Administration officer – human health team, Wide range of careers in government health organisations.

A selection of subjects for this major include

- Professional Ethics in Health Management
- Health Professional Research 1
- Public Relations Campaigns
- Health Information Management
- Applied Health Leadership & Management in Developing Countries
- Social Marketing
- Health Planning & Policy
- Business Negotiation

International Business

COURSE HIGHLIGHTS

Students will 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 will have a unique edge in pursuing a broad range of successful careers including

- 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
- Logistics manager.

Management

COURSE HIGHLIGHTS

This course can be a students launching pad for a successful career in business management. Management subjects have been designed after extensive consultation with prospective employers and industry to give students a competitive edge in the business world and international job market.

CAREER OPPORTUNITIES

Graduates can pursue a broad range of careers including: 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, human resources and finance.

A selection of subjects for this major include

- Operations Management
- Managing People
- Project Management
- Research and Decision Making for Business
- Management Accounting for Non-Accountants
- Management and Leadership
- Organisational Behaviour
- Strategic Entrepreneurship

Marketing

COURSE HIGHLIGHTS

Students will 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 will learn how companies undertake market research in order to make informed decisions. If students intend to pursue a career in business, a good understanding of market research is fundamental.

CAREER OPPORTUNITIES

Business graduates with a major in Marketing pursue a broad range of successful careers including: advertising executive, brand or product manager, direct marketing consultant, electronic marketer, interactive marketer, international marketing consultant, market researcher, marketing coordinator or public relations officer. Graduates also undertake managerial roles in marketing, sales, customer service management and international marketing.

A selection of subjects for this major include

- Consumer Behaviour
- Integrated Marketing Communications
- Interactive Marketing
- Strategic Marketing
- International Marketing
- Research and Decision Making for Business
- Applied Marketing Research
- Sustainable Marketing Management

Sports and Events Management

COURSE HIGHLIGHTS

This is a strong industry-based course designed to provide graduates with both the theoretical knowledge and practical management skills required to pursue a career in sports and events management. Local industry contacts provide the opportunity for students to hear from guest lecturers and take

behind the scenes tours to sporting venues. This innovative program is suitable for individuals interested in the operational, supervisory, middle and senior levels of sports and events management.

CAREER OPPORTUNITIES

The industry of professional sports and events management is growing rapidly and graduates are in high demand in a wide range of areas including: community and corporate events management, concert management, convention management, event and festival management, sport and entertainment law, government and public service, venue management, recreational and leisure clubs, sports goods organisations, sports administration, sports facilities management, sports marketing, amateur sport organisations and non-profit organisations.

A selection of subjects for this major include

- Sports Management
- Conference and Events Management
- 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 an information technology professional in a fast changing dynamic world. Core subjects in the areas of networks, web technologies, programming, games, big data, network security, multidisciplinary project management, e-technologies and mobile technologies provide students with an array of career opportunities. Students engage in a series of applied information technology projects throughout the course to provide real world experience.

Two minors are available

- Computer Science and

- Networking
- Human-Computer Interaction and Games

A professional internship or multidisciplinary project forms the capstone subject of the course.

COURSE HIGHLIGHTS

A particular highlight of the degree is the opportunity for students to be involved in a 'sprint' or 'hackathon' event in each year of the degree. Students will learn approaches to creative group problem solving in multidisciplinary 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 will have the expertise to pursue a range of exciting careers including 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, and mobile app developer.

A selection of core subjects for this course includes

- Fundamentals of Problem Solving & Programming
- Internet Fundamentals
- Design Thinking
- Programming I
- Games for Business & Gamification
- Interactive Media & Web Technologies

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. It is also possible to study a number of double degrees at JCU – gaining two qualifications in a shorter amount of time. The Bachelor of Laws can be combined as a joint degree with Business, Arts and Science.

COURSE HIGHLIGHTS

The School of Law is particularly proud of its internationally recognised program. Students are provided with a solid foundation in traditional law subjects, along with an exciting and broad-ranging elective program. Strong community links and the strong support received from the legal profession and judiciary of northern Queensland enable our students to gain advanced legal skills and to network personally with the profession.

CAREER OPPORTUNITIES

JCU Law graduates are highly valued across Australia and overseas with internationally transferable skills. Opportunities for employment of JCU Law graduates exist in a wide variety of areas both inside and outside legal practice. These can include administrative law, bankruptcy and insolvency, barrister or solicitor, business and commercial law, community sector, corporate sector, criminal law, defence, estate planning, family law, governance, local, state and federal government, property and technology law and taxation law.

A selection of the compulsory subjects for this course (i.e. required for admission to practice as a lawyer) include

- Legal Institutions and Processes
- Legal Research, Writing and Analysis
- Contract Law
- Law Society and Change
- Legal Concepts
- Land Law
- Criminal Law
- Torts
- Evidence
- Administrative Law
- Commercial and Personal Property Law
- Principles of Equity
- Law of Trusts
- Constitutional Law
- Company and Partnership Law
- Civil procedure
- Legal Ethics and Trust Accounting



Erik Bergan
Bachelor of New Media Arts
Norway

I chose to study at JCU because of its location, the Queensland climate and the photography course on offer.

Moving to Australia has always been a dream of mine, I was attracted by the climate, culture and friendly attitudes. The best thing about James Cook University and my course is the facilities, the environment, the students, and the lecturers; the whole package. My advice for future students is to take a chance and come down. Everything is in place for you here, so there is no reason to hesitate. If you're open and ready for an adventure, Australia is waiting for you. Life in Australia is phenomenal.



Creative Arts

Bachelor of Creative Industries

This Cairns based course is designed to produce graduates with broad-based creative arts and business 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.

Regardless of the major or specialisation chosen, Bachelor of Creative Industries core subjects include

- Digital Media
- Digital Photography
- Arts in Perspective
- Art, Artist, Environment
- Creative Industries
- Curatorial Practice
- Collaborative Development
- Collaborative Practice

In addition to core subjects, students complete subjects required for the chosen major plus electives.

Media Design

COURSE HIGHLIGHTS

Media Design introduces the principles and methods of design for electronic and print media. The course emphasises the development of creative concepts in media design and art.

CAREER OPPORTUNITIES

Career examples include: arts administration; art directors; arts education officers; graphic designers; video art; arts retailing; community arts officers; cultural tourism; exhibitions and events management; teachers and educators (with further qualifications).

A selection of subjects for this major include

- Digital Imaging
- Web Design
- Design for print

- Creative Research and Production

Photomedia

COURSE HIGHLIGHTS

Major highlights include 24-hour access to specialist photographic studios, state-of-the-art lighting and photo-media equipment, high-end print facilities and computer stations. Visiting industry guests present lectures and workshops and you can participate in study tours.

CAREER OPPORTUNITIES

JCU Photomedia graduates work in diverse areas of photography and digital imaging locally, around Australia and globally. Graduates find careers in independent art studio work, digital art making, news photography, immersive imaging, commercial photography, photojournalism, image manipulation, educational technology, magazine content and production, advertising, electronic publishing, educational technology, teaching, wedding/portrait and other applied areas of photography.

A selection of subjects for this major include

- Foundation Photomedia
- Through the Lens
- Digital Video
- Lens-based Media and Concepts

Visual Arts

COURSE HIGHLIGHTS

You will have access to a specialist art room where excellent materials and facilities are provided. You will also be encouraged to take part in community projects, internships and even study tours.

CAREER OPPORTUNITIES

Graduates can pursue a wide range of careers in the visual arts as: artists, community arts officers, arts administrators, gallery managers, arts education officers, arts retailing, cultural tourism, and exhibitions and events management. With further qualifications, graduates can become art teachers.

A selection of subjects for this major include

- Effective Drawing
- Painting Techniques
- Visual Arts and Concepts
- History and Theory of Creative Practice
- Creative Exchange Project

Bachelor of New Media Arts

This innovative degree is designed for students who wish to work in the creative arts using new digital technologies. The program includes practical projects and work placements to give students the understanding and skills for the digital media workplace where digital art, design and imaging knowledge are in high demand. Specialisations include

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

Regardless of the major or specialisation chosen Bachelor of New Media Arts core subjects include

- Creative Work
- Creative Culture
- Creative Collaboration
- Professional Practice

In addition to core subjects, students complete subjects required for the chosen major plus electives.

Creativity & Innovation

OVERVIEW

This major focuses on the concepts and practice of creativity and innovation and explores the part firms play in organisations and films, economies and societies, art institutions and processes.

The major introduces students to the role of creators, creative thinking, creative technology, individual and institutional

creative processes, creative collaborations, ideas development and models of business, design, artistic and social innovation.

CAREER OPPORTUNITIES

Graduates gain competencies valued in the growing creative industries, experience economy, digital technology, urban development and innovation fields.

A selection of subjects for this major include

- Introduction to Creativity and Innovation
- Creative and Design Thinking
- Creative Technology
- Creative Enterprise
- Creative Cities
- Creative Organisation

Media Design

COURSE HIGHLIGHTS

Highlights include 24-hour access to state-of-the-art software and hardware facilities in the Creative Arts labs, guest lectures by industry experts, projects involving community groups and the opportunity to participate in real-world projects.

CAREER OPPORTUNITIES

Graduates will have the design and technical skills to pursue positions with organisations involved in: multimedia design; web design; e-commerce applications; design for mobile devices; interface design creation; interactive content creation; information design; graphic design work; independent art studio work; magazine-content and production; exhibition displays; advertising; digital media; electronic publishing; sales and marketing activities; staff training and development and educational technology; corporate reporting and image making; and online information management and communication.

A selection of subjects for this major include

- Information Design
- Dynamic Media Design
- Interactive Media
- Design Lab
- Media Design Portfolio

Music, Sound & Moving Image

COURSE HIGHLIGHTS

Music, Sound and Moving Image involves studying the music of the present. The course brings together composition, performance and the use of technology to give students the skills needed for careers in the music and moving image industries.

Students will use digital and computer music technologies to create or perform music individually and in collaborative work environments.

CAREER OPPORTUNITIES

Graduates gain the creative experience, understanding and technical skills to pursue careers in music and sound in recording studios, film making, animation

production, television, music and performance management, conferences and events production, music and theatrical performance, venue production, training and educational technology, online information management and communication. Further study can lead to careers in teaching and training.

A selection of subjects for this major include

- Music and Sound Media
- Art Directions
- Digital Music Technology

Photomedia

COURSE HIGHLIGHTS

Major highlights include 24-hour access to specialist photographic studios, state-of-the-art lighting and photo-media equipment, high-end print facilities and computer stations. Visiting

industry guests present lectures and workshops and students can participate in study tours.

CAREER OPPORTUNITIES

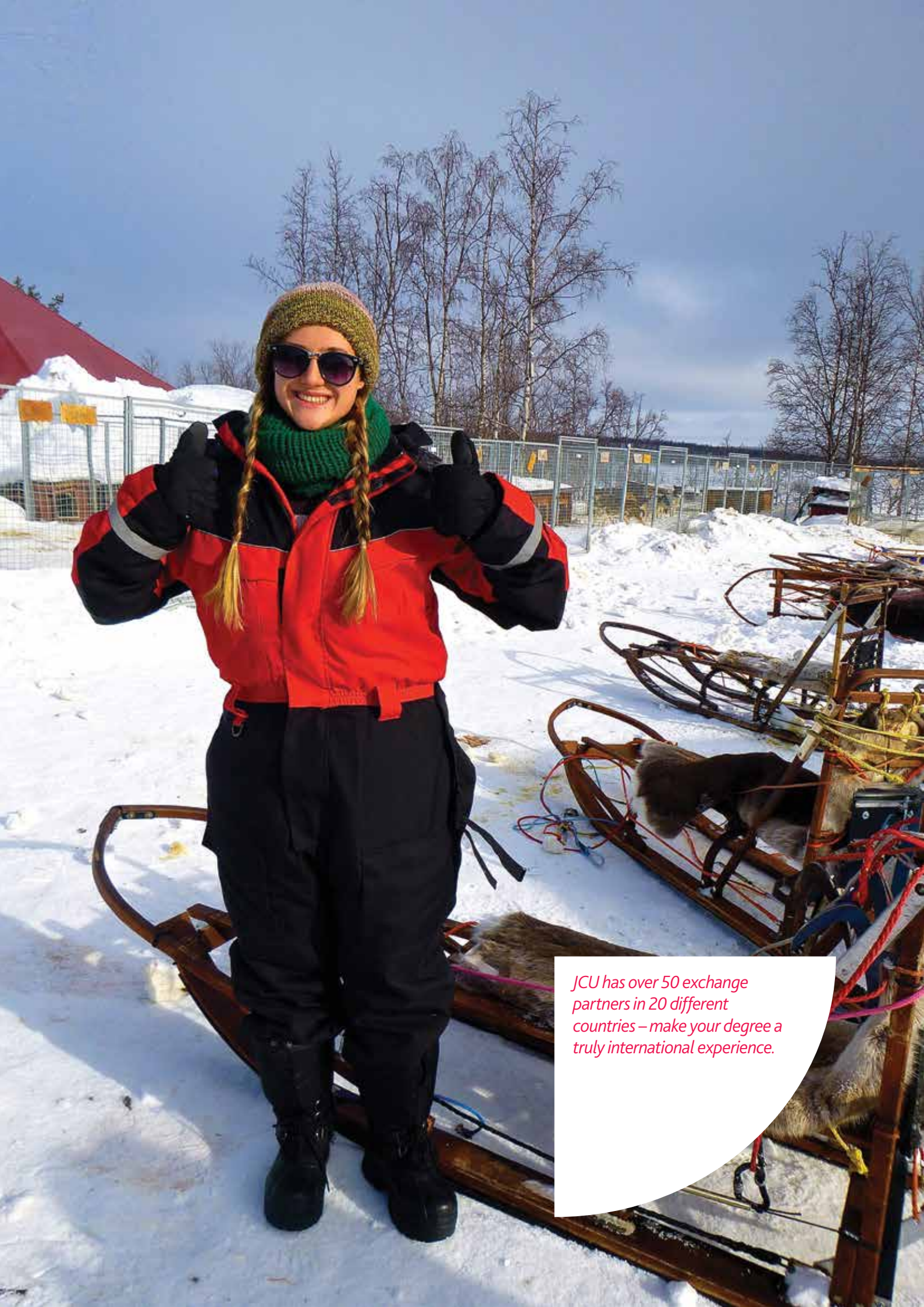
JCU Photomedia graduates work in diverse areas of photography and digital imaging locally, around Australia and globally. Graduates find careers in independent art studio work, digital art making, news photography, immersive imaging, commercial photography, photojournalism, image manipulation, educational technology, magazine content and production, advertising, electronic publishing, educational technology, teaching, wedding/ portrait and other applied areas of photography.

A selection of subjects for this major include

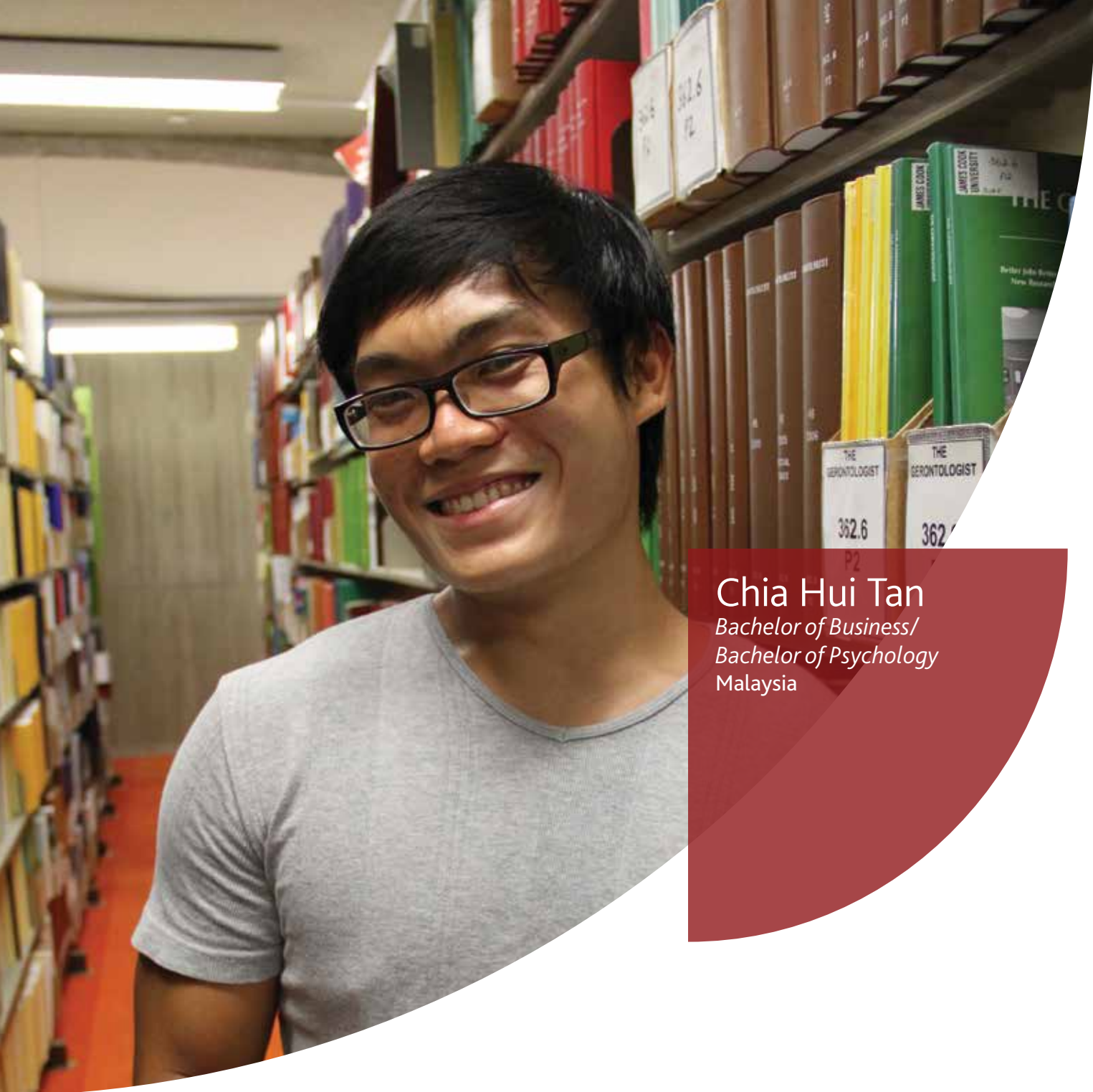
- The Digitalised Image
- Photographic Lighting and Contexts
- Immersive Imaging
- Photography and Society

Need More Info?

Visit the Courses and Degrees website
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JCU has over 50 exchange partners in 20 different countries – make your degree a truly international experience.



Chia Hui Tan
*Bachelor of Business/
Bachelor of Psychology*
Malaysia

I find the content taught at JCU to be practical and beneficial to my studies and future career.

I know that what I learn here can be applied in many situations, whether they are academic or non-academic. Make the most of your time here. It does not matter what your history is like, what matters is what you do with this investment in your future.



Education, Psychology and Social Work

Education

Upon successful completion of a JCU education degree students will be eligible to register with the Queensland College of Teachers or apply for local registration in their home country (local requirements for teacher registration apply). Bachelor degrees are available in

- Early Childhood Education (children aged 0 – 8)
- Primary
- Secondary

This course can be taken jointly with bachelor degrees in Arts, Science and Sport and Exercise Science.

Gaining practical experience is integral for all education students at JCU. Placements for all programs commence 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.

Bachelor of Education (Early Childhood Education)

COURSE HIGHLIGHTS

Early Childhood Education focusses on the education of children from birth to eight years of age. The study of Early Childhood Education covers a range of disciplines including child development and psychology, theories of learning, curriculum and assessment, and the diversity of learners and learning needs within the early years.

Bachelor of Education (Primary)

COURSE HIGHLIGHTS

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)

COURSE HIGHLIGHTS

Secondary Education focuses on secondary students. This phase of learning 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
- Drama
- Economics
- English
- Geography
- Health and Physical Education
- History
- Information and Communications Technologies
- Languages
- Legal Studies
- Mathematics
- Music
- Physics
- Vocational Education and Training.

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 education students at James Cook University and commences in the first year of study. This involves practical work in schools in urban or regional, rural and remote locations as well as other educational and community sites including some international locations.

Joint degrees give students expertise in a complementary discipline in a reduced time, and can enhance career prospects. At JCU, the Bachelor of Education (Primary) can be combined with a Bachelor of Arts (majors in English, French, History, Geography or Japanese).

Bachelor of Psychology

Accredited by the Australian Psychology Accreditation Council (APAC), this four-year course allows graduates to apply for provisional registration with the Psychology Board of Australia. Students of psychology can specialise in a broad range of areas to become either professional or academic psychologists.

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

COURSE HIGHLIGHTS

JCU's Bachelor of Psychology places a strong emphasis on students being actively engaged in research. Students are encouraged to participate in research projects during their fourth year with postgraduate students and staff.

CAREER OPPORTUNITIES

Graduates who have completed the APAC accredited, four-year Bachelor of Psychology program are eligible for associate membership with the Australian Psychological Society. To progress their career as a professional psychologist requires an additional two years of postgraduate study or a two-year internship.

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
- Personality
- Neuroscience
- Developmental psychology
- Counselling
- Cognition and learning
- Environmental psychology
- Cross-cultural psychology

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

JCU's Bachelor of Social Work 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 from Level 2 (second year).

CAREER OPPORTUNITIES

Career prospects for social workers are strong. Graduates can pursue careers in either human services or social policy research and development. Social Workers 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 course include

- Community work
- Social Work and Mental Health
- Aboriginal and Torres Strait Islander Skills and Frameworks For Practice
- Developmental Approaches to Eco-Social Justice
- Human Rights & Social Issues

Need More Info?

Visit the Courses and Degrees website
www.jcu.edu.au/courses

Engineering

Bachelor of Engineering

JCU offers the following five majors within the Bachelor of Engineering

- Chemical
- Civil
- Computer Systems
- Electrical and Electronic
- Mechanical

After a common first year, engineering students choose one of five majors depending on their interests and future career orientations. The engineering program involves significant laboratory and design works at all levels, as well as 12 weeks of paid industry-based placement. Graduates are eligible for membership of Engineers Australia and other professional bodies, as well as being accredited in many countries, including USA, Canada, UK, Ireland, Hong Kong, Japan, Malaysia, New Zealand and South Africa.

It is also possible to study a number of double degrees at JCU – gaining two qualifications in a shorter amount of time. The Bachelor of Engineering can be taken as a joint degree with most majors in the Bachelor of Science and Information Technology.

Regardless of the major or specialisation chosen the Bachelor of Engineering consists of common first year core subjects that include

- Engineering 1
- Advanced Stream Physics
- Computing for Engineers
- Mathematical Foundations
- Process Engineering
- Electric Circuits
- Mathematical Techniques

In addition to core subjects, students complete subjects required for the chosen major plus electives.

Chemical Engineering

COURSE HIGHLIGHTS

Laboratory, design work and the opportunity to work in

teams with other engineering disciplines are key elements of this program. The course ranges from the fundamentals through to the design, development and commissioning of processes that ultimately convert raw materials into useful products. Local industries actively support this program by providing advice on course content, access to industrial plants, specialist guest lecturers and cutting edge student design and research projects. Strong industry links with many of the process industries in northern Queensland 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
- Fluid Mechanics
- Thesis

Civil Engineering

COURSE HIGHLIGHTS

Civil Engineering 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. Design becomes an increasingly important component in Years 3 and 4. 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
- Geotechnical Engineering
- Hydraulic and Coastal Engineering
- Thesis

Computer Systems Engineering

COURSE HIGHLIGHTS

Computer Systems Engineers design and improve computer operating systems for high-tech industries. This course combines the low voltage electrical engineering areas in electronics, communication and embedded systems with software, networking and operating principles from the computer science area.

CAREER OPPORTUNITIES

Graduates can find work in industries that develop, manufacture or service computerised services, often with cutting-edge technology. Employment areas include medical and aviation instrumentation, computer products and digital telecommunications, broadcast and entertainment systems, sound and graphics systems for computer games and cinema, defence technology, and more.

A selection of subjects for this major include

- Circuit Theory

- Embedded Systems Design
- Introduction to Programming
- Electronics
- Digital Logic and Computing Methods
- Communications Systems Principles
- Computer Interfacing and Control
- Software Engineering
- Thesis

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 have excellent career outcomes, and play key roles in the technology and utilities that are essential for modern life. They can specialise 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
- Automatic Control
- Thesis



Mechanical Engineering

COURSE HIGHLIGHTS

A particular strength of the Mechanical Engineering program at JCU is the application of advanced computational techniques. Mechanical Engineering applies the principles of physics for analysis, design, manufacturing, and maintenance of everything you think of as a machine – from bicycles to robots to supersonic jets. Mechanical Engineers design, create and improve systems and machinery used for domestic, public and industrial purposes. Mechanical Engineering at JCU places additional emphasis on the special needs of industries operating in the tropical environments of northern Australia and Southeast Asia.

CAREER OPPORTUNITIES

Mechanical Engineers work in industries that design systems and machinery to generate power, make products, move things or help in building. They 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
- Mechanical Design
- Energy Conversion and Refrigeration
- Thesis



Need More Info?

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Michael McIntyre
Bachelor of Pharmacy
Canada

Studying pharmacy at JCU has allowed me receive a quality of education that consistently improves upon my skills and knowledge.

The small class sizes of the pharmacy program at JCU have really facilitated my learning experience. They allow for more one-on-one time with each of my lecturers as well as maintaining a close relationship with my classmates. The opportunities I've had here have helped me learn more about the world and myself. Student leadership positions have made me a stronger person, more confident in my abilities.



Medicine, Health and Veterinary Science

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. Most subjects include a substantial practical component, drawing on JCU's close links with local hospitals and private laboratories. Graduates majoring in Microbiology can apply for membership of the Australian Society for Microbiology.

COURSE HIGHLIGHTS

Extensive practical experience is offered in well-equipped dedicated teaching laboratories in the School of Veterinary and Biomedical Sciences and the School of Pharmacy and Molecular Sciences.

CAREER OPPORTUNITIES

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 Immunobiology

Plus a wide range of elective options.

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.

Prior to participating in clinical placement students must provide: evidence of immunity to Hepatitis B, a current first aid and CPR certificate, a Blue Card to work with children, and an Australian Federal Police (AFP) check.

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. JCU's separate application form for the Bachelor of Dental Surgery can be found at www.jcu.edu.au/fmhms/forms/

CAREER OPPORTUNITIES

There is an extremely 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 specialty practice following further study.

A selection of subjects for this course 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

Bachelor of Medical Laboratory Science

This course was created to meet the demand in the public hospital system and private pathology

laboratories for professionally qualified medical laboratory scientists. It 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 work either in Australia or overseas. Students must provide evidence of immunity to Hepatitis B.

COURSE HIGHLIGHTS

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

CAREER OPPORTUNITIES

Graduates are in high demand and 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
- Health and Health Care in Australia
- Microbial Diversity
- Medical Physiology
- Molecular Genetics
- Cell Regulation
- Introductory Infectious Diseases and Immunobiology
- Genes, Genomes and Development
- Clinical Microbiology
- Advanced Immunobiology

- Mechanisms of Infectious Diseases
- Systemic Pathophysiology and Therapeutics
- Immunohaematology
- Haematology
- Clinical Placement

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 tropical medicine, rural and remote health, and responding to the distinctive needs of north Queensland's populations, including Aboriginal and Torres Strait Islander people. Students are based in Townsville for the first three years, and both Townsville and Cairns in Year 4. Students in Years 5 and 6 will spend most of their time in hospitals and health services in Townsville, Cairns, Mackay and Darwin.

Students must provide evidence of immunity to Hepatitis B, possess a current first aid and CPR certificate, a Blue Card to work with children, and a current Australian Federal Police check.

JCU's separate application form for the Bachelor of Medicine/ Surgery can be found at www.jcu.edu.au/fmhms/forms/

COURSE HIGHLIGHTS

The course is accredited by the Australian Medical Council. 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.

CAREER OPPORTUNITIES

Doctors and surgeons are in high demand. 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 for this course include

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

Bachelor of Nursing Science (Pre-Registration)

This course places an emphasis on tropical health issues and nursing for rural, remote, tropical and Aboriginal and Torres Strait Islander communities. It takes a holistic approach to full physiological patient assessment and clinical skills, with training in mental and physical health.

JCU also has close partnerships with local hospitals and health organisations, particularly The Townsville Hospital located next to the campus, which is the main hospital facility for northeastern Australia and Papua New Guinea. The curriculum of this course is accredited by the Queensland Nursing Council.

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 gerontology units, maternity, critical care, mental health facilities, drug and alcohol services, mine sites and Indigenous communities.

Graduates can register with Nursing and Midwifery Board of Australia 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
- Evidence-Based Practice
- Nursing for Chronic Illness and Palliative Care
- Health and Illness in the Older Adult

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. The course includes studies in health science and health promotion, plus professional placements around northern Queensland and beyond.

This program is committed to preparing high quality graduates for all areas of practice, with a particular focus on rural and remote health. The graduate entry program provides fast track training for those with appropriate health degrees to become qualified occupational therapists.

Students must provide evidence of immunity to Hepatitis B, have a current first aid and CPR

certificate, a Blue Card to work with children, and an Australian Federal Police (AFP) check prior to undertaking clinical placement.

COURSE HIGHLIGHTS

Graduates are eligible to register for practice in Queensland through the Occupational Therapists Board of Queensland, and for membership of OT Australia, the Australian Association of Occupational Therapists. The course meets World Federation of Occupational Therapists (WFOT) accreditation.

Facilities include brand new laboratories and access to the new tertiary teaching hospital adjacent to the campus. The program has a large clinical component, and enjoys close links with traditional nursing and medical services in urban, rural and remote areas.

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 & Physiology for Occupational Therapy
- Introduction to Occupation & Occupational Therapy
- Lifespan Development for Health
- Enabling Occupational Therapy through Partnerships
- Health Promotion for Health Professionals
- Physical & Cognitive-neurological Determinants of Occupation
- Rural & Remote Primary & Public Health Care
- Psycho-emotional Determinants of Occupation
- Contextual Determinants of Occupation
- Clinical Medicine for Therapy
- Enhancing Practice Capabilities
- Rural & Urban Practice

- Contemporary Issues for Health Professionals
- Health, Law & Ethics, Reflective Practices
- Health Policy & Planning

The **Bachelor of Occupational Therapy with Honours (Graduate Entry)** is also available.

Bachelor of Pharmacy

Pharmacy is the branch of medical science concerned with the sources, nature, properties, preparation, and use of medicinal drugs. Students will gain the knowledge, practice and skills to practise as pharmacists and health care professionals. Students undertake professional placements in hospitals and community pharmacies in urban and rural locations.

Students must provide evidence of immunity to Hepatitis B, have a current first aid and CPR certificate, a Blue Card to work with children, and an Australian Federal Police (AFP) check prior to undertaking clinical placement.

This course is fully accredited with the New Zealand and Australian Pharmacy Schools Accreditation Committee (NAPSAC).

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 for this course include

- Biochemistry and Microbiology
- Chemistry: A Central Science
- Human Anatomy and Physiology
- Pharmacy Practice and Pharmaceutical Sciences
- Health and Health Care in Australia
- Molecular Basis of Therapeutics
- Professional Pharmacy Practice
- Dermatology for Pharmacists
- Integrated Metabolism and Nutrition for Pharmacists
- Cardiovascular and Renal Therapeutics for Pharmacists
- Nervous System and Mental Health for Pharmacists
- ENT, Eyes and Respiratory Pharmacy
- Musculoskeletal Pharmacy
- Endocrine and Reproductive Pharmacy
- Oncology, Haematology and Toxicology for Pharmacists
- Pharmacy Project

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 northern Queensland in their final years.

Students must provide evidence of immunity to Hepatitis B, have a current first aid and CPR certificate, a Blue Card to work with children, and an Australian Federal Police (AFP) check prior to undertaking clinical placement.

COURSE HIGHLIGHTS

This course has full accreditation with the Australian Council of Physiotherapy. Students

undertake one year of clinical placement, with exposure to areas including neurology, cardio-respiratory and musculoskeletal physiotherapy. An on-campus physiotherapy clinic provides treatment of musculoskeletal conditions to the community as well as staff and students of JCU.

CAREER OPPORTUNITIES

Physiotherapists are in high demand, particularly in rural and remote areas and in Indigenous communities. They 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
- Physiotherapy Applications across the Lifespan
- Health Promotion for Health Professionals
- Neuroscience in Physiotherapy
- Clinical Medicine for Therapy
- Physiotherapy Theory and Applications
- Contemporary Issues for Physiotherapists
- Physiotherapy Health Law and Ethics
- Advanced Topics in Physiotherapy
- Health Policy and Planning

The Bachelor of Physiotherapy with Honours (Graduate Entry) program is available to recently graduated and experienced physiotherapists who have not already completed an in-course honours degree.

Bachelor of Science

Science students at JCU enjoy exceptional opportunities for practical experience and field trips throughout their courses. The following health science majors are available.

- Biochemistry and Molecular Biology
- Chemistry

Health science programs offer substantial, practical components drawing on JCU's close links with local hospitals, industry and research bodies.

Biochemistry and 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. Also included in this course are Gene regulation and how developmental processes are regulated within different organisms, as is intellectual property rights, ethics, gene technology, GM foods and a variety of other issues encountered in the biotechnology industry.

CAREER OPPORTUNITIES

JCU graduates from this field have the experience, academic knowledge and laboratory skills required for almost any job in a wide range of scientific disciplines, supporting a range of employment opportunities. From pathology and hospital laboratories through to the food, biotechnology and pharmaceutical industries, as well as government departments and research laboratories are available.

A selection of subjects for this major include

- Molecular Genetics
- Cell Regulation
- Genes, Genomes and Development
- Advanced Cell Biology
- Biotechnology
- Special Topics in Biochemistry and Molecular Biology
- Instrumental Analytical Techniques
- Mechanisms of Infectious Diseases

Chemistry

COURSE HIGHLIGHTS

Chemistry is a fundamental science underpinning studies in other areas including: biochemistry, biomedical and health sciences, biological sciences, earth sciences, environmental sciences, pharmacy, and chemical and environmental engineering. 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.

CAREER OPPORTUNITIES

Chemistry graduates are employed in a wide variety of science-related areas. Graduates can choose careers manufacturing and processing industries, mining, the pharmaceuticals and health-related industries, agriculture, food industries, state and federal government agencies (e.g. forensic science, customs and patents), defence, education (secondary schools and universities) and research institutes. Graduates who specialise in Environmental Chemistry can seek careers with environmental protection and monitoring agencies (in government and with private consultants).

A selection of subjects for this major include

- Synthesis and Structure in Chemistry
- Spectroscopy and Spectroscopic Methods
- Analytical Chemistry
- Molecular Genetics
- Chemical Kinetics and Mechanism
- Medicinal and Biological Chemistry
- Materials and Process Chemistry
- Advanced Chemistry Project

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 will also develop the knowledge, skills and personal qualities required to work with people with communication and swallowing disorders.

JCU facilities for speech pathology students are excellent, with state-of-the-art teaching rooms in a new rehabilitation sciences facility that includes a fully operational speech pathology clinic.

Students must provide evidence of immunity to Hepatitis B, have a current first aid and CPR certificate, and a Blue Card to work with children prior to undertaking clinical placement. speechpathologyaustralia.org.au

COURSE HIGHLIGHTS

The program is accredited by the Speech Pathology Association of Australia and graduates are eligible for registration with the Speech Pathologists Board of Queensland and for membership of 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 that include Townsville, across Australia and in certain circumstances internationally.

CAREER OPPORTUNITIES

Speech pathologists are in demand across Australia, and 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

- Anatomy and Physiology for Speech Pathology
- Linguistics and Phonetics
- Lifespan Development for Health
- Health and Health Care in Australia
- Language Development and Impairment
- Speech Development and Impairment
- Clinical Medicine for Therapy
- Voice Impairment
- Stuttering Across the Lifespan

The **Bachelor of Speech Pathology with Honours (Graduate Entry)** is available to recently graduated and experienced speech pathologists that have not already completed an in-course honours degree.

Bachelor of Sport And Exercise Science

This course focusses 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 complete a minimum of 140 hours of practical placement to develop personal and professional skills.

Students must provide evidence of immunity to Hepatitis B, have a current first aid and CPR certificate, and a Blue Card to work with children prior to undertaking clinical placement.

This degree can be taken as a joint degree with the Bachelor of Education or the Bachelor of Business.

COURSE HIGHLIGHTS

Graduates are eligible to apply for accreditation with the Australian Association for Exercise and Sports Science (AAESS). Students complete 140 hours of practical placement to develop their personal and professional skills within a range of 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, including working with 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
- Sports Training and Rehabilitation

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 is devoted to clinical and professional training in a series of clinical and professional rotations.

Students must provide evidence of being immune to Q Fever. JCU's separate application form for the Bachelor of Veterinary Science can be found at www.jcu.edu.au/fmhms/forms/

COURSE HIGHLIGHTS

The program 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.

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 "Fletcherview" at Charters Towers and the JCU Tableland Veterinary Teaching Resource Centre at Malanda.

CAREER OPPORTUNITIES

Veterinarians can work in private practice as small animal practitioners or as rural practitioners. They also 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

Need More Info?

Visit the Courses and Degrees website
www.jcu.edu.au/courses

A microscopic view of several large, circular cells, likely red blood cells, showing a dense population of smaller, granular structures within them. The cells are stained in shades of brown and orange, with a bright, glowing center in each. The background is a soft, out-of-focus light brown.

Over the past six years, JCU academics have won 42 national awards for teaching excellence from the Australian Teaching and Learning Council – more than many larger universities.



Dominik Schmid

*Bachelor of Science
(Marine Biology)*
Germany

JCU is famous for its marine and tropical science department and ranks above high class international universities in the field of ecology and sustainability.

Australia has been my dream destination since I was just a boy. From the moment I first researched JCU and North Queensland I fell in love with the thought of studying my undergraduate degree there.



Science

Bachelor of Biotechnology

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

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

- Biochemistry and Microbiology
- Biotechnology
- Ecological Genetics
- Chemistry: Principles and Applications
- Genes, Genomes and Development
- Statistics and Data Analysis.

Bachelor of Business and Environmental Science

Environmental sustainability is now a key business consideration. Core subjects provide a solid grounding in business and environmental science topics. You can then choose from an exciting range of elective subjects including business, environmental science, marine

science, aquaculture and ecology to develop an area of interest or a range of generic skills and cross-disciplinary knowledge. A major in Aquaculture offers 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, and 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

- Business, Environment and Society in the Tropics
- Economics for Sustainable Business
- Environmental Processes and Global Change
- Contemporary Business Communications
- Managing People
- Management and Leadership
- Strategic Entrepreneurship

Bachelor of Geology

Designed for those seeking careers as geologists in the booming mining and mineral exploration industries. The course places a strong emphasis on teaching practical skills and experience through laboratory and field work. Industry placements are available. Located within reach of diverse geological terrains and mineral provinces

and a broad range of tropical environments including the Great Barrier Reef, JCU provides an exceptional base for geology studies.

COURSE HIGHLIGHTS

JCU is the only university in Australia offering a Bachelor of Geology. Students are exposed to real world projects and industry practice through The Economic Geology Research Unit (EGRU) housed at our Townsville campus. EGRU takes a leading role in facilitating knowledge transfer in the field of economic geology between public sector researchers, industry professionals and companies.

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 course include

- Earth Resources, Exploration and Environment
- Environmental Processes and Global Change
- Evolution of the Earth
- Introductory Field Geology
- Statistics and Data Analysis
- Structural and Metamorphic Geology
- Minerals and Magmas

Bachelor of Marine Science

JCU is known around the world as a leader in marine science. Emphasis is on practical experience with a strong field work component. Students have access to outstanding facilities and natural environments, including JCU's Orpheus Island Research Station, James Kirby research vessel, research aquarium, laboratories, the coral reefs of the Great Barrier Reef, and seagrass beds and mangroves. 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, or 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

- Introduction to Biological Processes
- The Diversity of Animal Life
- Environmental Processes and Global Change
- Chemistry
- Introductory Marine Science
- Fundamental Physics
- Coasts and Catchments: Geomorphology
- Coral Reef Geomorphology
- Biological Oceanography
- Fisheries Science
- Coral Reef Ecology
- Fluid Mechanics
- Oceanography and Meteorology

Bachelor of Planning

This course covers areas such as urban geography and design, population studies and economy, geographic information systems, regional planning, environmental impact assessment, Indigenous environmental management, legislation and disaster planning. The final year includes a significant work placement component with local authorities, state government departments, non-government organisations

and private consultancies. This program is accredited by the Planning Institute of Australia.

COURSE HIGHLIGHTS

This course places a strong emphasis on the tropical, regional and urban environments and is an excellent preparation for a career both in Australia or internationally. JCU's location close to the World Heritage listed environments of the Wet Tropics rainforests and the Great Barrier Reef coupled with fast-growing cities, give our students excellent practical opportunities throughout the course.

CAREER OPPORTUNITIES

Graduates enjoy exceptional career prospects and can pursue employment as planners, policy makers, consultants, researchers and impact assessors for government agencies at federal, state and local levels, as well as obtain employment with environmental planning firms, property development companies and development organisations.

A selection of subjects for this course include

- Introduction to Planning
- Urban Geography and Design
- Introduction to Geographic Information Systems
- Environmental Impact Assessment
- Regional Planning
- Social Impact Assessment: Environmental Management
- Disasters: Vulnerability, Mitigation and Planning
- Planning Legislation and Professional Practice
- Professional Planning Work Experience
- Planning for Sustainable Communities

Bachelor of Science

Science students at JCU enjoy exceptional opportunities for practical experience and field trips throughout their courses, 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. The Bachelor of Science includes the following specialisations

- Aquaculture
- Ecology and Conservation
- Environmental Management
- Environmental and Marine Geosciences
- Geography
- Geology
- Marine Biology
- Mathematics
- Physics
- Science (General)
- Zoology (Townsville)
- Zoology and Ecology (Cairns)

It is also possible to study a number of double degrees at JCU – gaining two qualifications in a shorter amount of time. The Bachelor of Science can also be combined as a joint degree with arts, education, engineering and laws.

The Bachelor of Science also includes the following health science majors (see page 35)

- Biochemistry and Molecular Biology
- Chemistry

Aquaculture Science & Technology

COURSE HIGHLIGHTS

James Cook University's Aquaculture program will prepare you for a future in one of the world's fastest growing primary industries. Our strong links with peak aquaculture industries and research providers gives students valuable practical and research experience based on latest developments in the industry. As well as teaching fundamental aquaculture principles, the program has a strong emphasis on the sustainable aquaculture of tropical species. Outstanding facilities include JCU's Marine and Aquaculture Research Facility in

Townsville and the Orpheus Island Research Station on the Barrier Reef. The 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, ranging 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 support 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

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

Ecology and Conservation

COURSE HIGHLIGHTS

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 recently ranked 1st in Australia for Environment and Ecology citations by Thompson's Essential Science Indicators. Students have access to a range of environments around northern Queensland for field trips and practical study including the World Heritage rainforests of the Wet Tropics and the Great Barrier Reef Marine Park – plus outback, savanna, wetlands, agricultural and urban areas.

CAREER OPPORTUNITIES

Our graduates 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
- Ecological and Conservation Genetics
- Plant Survival in a Land of Fire, Flood and Drought
- Biodiversity and Climate Change: Impact, Mitigation and Adaptation

Environmental Management

COURSE HIGHLIGHTS

The Environmental Management major provides a thorough education concerning the environmental challenges facing humankind. This is a program 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, as well as savannas and wetlands.

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

Environmental and Marine Geosciences

COURSE HIGHLIGHTS

This major takes advantage of our strategic position, with access to a varied collection of tropical landscapes (including the Great Barrier Reef), hydrological and climate regimes, and proximal to a range of important industries (such as mining) in which graduates from this program could seek employment. 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 in this program will work in a diverse range of occupations, including geomorphologists, soil scientists, hydrologists, research scientists, environmental geoscientists with remediation expertise, and marine geoscientists, with opportunities in industry, government departments, consultancies and research organisations.

A selection of subjects for this major include

- Environmental Processes and Global Change
- Australian Landscape Process and Evolution
- Hydrology
- Coastal and Catchment Geomorphology
- From Icehouse to Greenhouse
- Advanced Hydrology

Geography

COURSE HIGHLIGHTS

This course 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
- From Icehouse to Greenhouse
- Environmental and Regional Planning
- Field Studies in Tropical Geography
- Natural Hazards
- Advanced Geographic Information Systems
- Disasters: Vulnerability, Mitigation and Planning

Geology

The Bachelor of Science (Geology) enables students to study core geology subjects while combining a complementary discipline to suit long-term career aspirations. The Bachelor of Science (Geology) major allows students to combine their studies with either a joint degree or with a second major.

COURSE HIGHLIGHTS

Students are exposed to real-world projects and industry practise through JCU's Economic Geology Research Unit (EGRU), housed at our Townsville Campus. EGRU takes a leading role in facilitating knowledge transfer in the field of economic geology between public sector researchers, industry professionals and companies.

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 Geologists, the International Association of Geochemistry and the Association of Applied Geochemists.

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. With the resources sector continuing to remain a feature of the Australian economy, geologists are consistently in demand.

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
- Minerals and Magmas
- Evolution of the Earth
- Earth and Environmental Geochemistry

Marine Biology

COURSE HIGHLIGHTS

JCU is recognised around the world as a leading institution for studies of marine organisms, their biology, evolution and ecology. JCU has earned an international reputation for excellence in both teaching and research and takes a field-oriented, hands-on approach to its teaching endeavours. Our location gives students ready access to a wide variety of tropical marine systems including coral reefs, tropical estuaries, mangrove habitats and seagrass beds.

Outstanding facilities include our research station on Orpheus Island and numerous research vessels, providing easy access to the Great Barrier Reef's coral reefs, seagrass beds and mangroves. Research aquarium and well-equipped laboratories support teaching at an advanced level. Students are exposed to real world projects and industry practice through JCU's involvement with The Australian Research Council Centre of Excellence for Coral Reef Studies, which plays a leading role in

multinational research programs and is based on JCU's Townsville campus.

CAREER OPPORTUNITIES

Marine Biology graduates work around the world in private and public agencies, or as private consultants in fields such as conservation policy and environmental management, impact assessment, tourism and education. Graduates with higher qualifications and research experience can pursue research careers in universities or research organisations.

A selection of subjects for this major include

- Marine Ecology and Environmental Assessment
- Functional Biology of Marine Organisms
- Evolution and Biogeography of Marine Organisms
- Invertebrate Biology
- Biological Oceanography
- Fisheries Science
- Evolution and Ecology of Reef Fishes
- Marine Conservation Biology
- Wetland and Estuarine Ecosystems
- Life History and Evolution of Reef Corals

Mathematics

COURSE HIGHLIGHTS

JCU offers particular strengths in the study of mathematics. The student research experiences, 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

Mathematics graduates are in high demand and well paid. Career paths 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 mathematics teaching.

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

Physics at JCU provides excellent student support, and includes small group practical and tutorial sessions. Students are exposed to real world projects including field-based laboratories in oceanography and meteorology. 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
- Principles of Biochemistry
- Electromagnetic Phenomena

Science (General)

COURSE HIGHLIGHTS

Science (General) 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, education (with further qualifications), interpretive tourism and in many other areas.

A selection of subjects for this major include

- Science: Nature, Knowledge and Understanding
- Modelling Natural Systems
- Chemistry for the Natural Sciences

Once a student has successfully completed the preparatory chemistry and mathematics subjects, a variety of science majors are available.

Zoology

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, mangrove to mulga, 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 2 weeks doing research doing research in the tropical forests of Borneo.

CAREER OPPORTUNITIES

General science graduates can pursue careers in government, education (with further qualifications), interpretive tourism, and in the many areas that use the skills developed in this degree.

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

- Ecological and Conservation Genetics

Zoology and Ecology

COURSE HIGHLIGHTS

A major in Zoology and Ecology in Cairns combines the detailed study of animals with studies of how plants and animals interact with each other and with their surrounding environments. Core subjects provide the essential theoretical framework and technical skills needed to be a practising professional ecologist. Students supplement this core with a range of elective subjects that expand their understanding of specific habitats, plant and animal groups, theoretical concepts, or technical skills. Electives can be chosen with a biological emphasis, but can also include subjects on physical environmental processes, conservation and management planning and/or sustainability science.

CAREER OPPORTUNITIES

Graduates find employment globally as environmental scientists/officers/consultants, and researchers, or academics in environmental consultancy firms, local, state or federal government management 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
- Agroecology
- Tropical Flora of Australia
- Tropical Entomology
- Evolutionary Biology

Bachelor of Sustainability

This degree is only offered in Cairns as an innovative and creative interdisciplinary degree utilising subjects in environmental science, marine and tropical biology, ecology, social science, business, law, anthropology and tourism, broadly grouped into

three sustainability core themes (ecological, social and economic).

Students will also complete a disciplinary major.

COURSE HIGHLIGHTS

The Bachelor of Sustainability is an interdisciplinary degree, incorporating conservation, ecology, planning, resource management, tourism, agriculture, ecology, environmental science, social sciences and business. Subjects also take full advantage of the exceptional fieldwork facilities at JCU – from reef to rainforest. Specialisations include Business, Science and Social Science.

CAREER OPPORTUNITIES

Graduates will have the opportunity to take on strategic and policy roles in both government and private industry. Prospective employers include all tiers of government, commerce and 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
- Environmental Impact Assessment

Need More Info?

Visit the Courses and Degrees website
www.jcu.edu.au/courses



JCU's tropical location affords unique opportunities to students who want to study science and benefit from exceptional opportunities such as practical experiences and field trips.

Student services

JCU provides a full range of support services for students to help make the most of their time at university. Whether students need help with an assignment, finding accommodation, or just need someone to talk to, there are dedicated services on campus to assist.

James Cook University International

The James Cook International office assists every international student at JCU to ensure his or her stay in Australia and at the University is a pleasant and productive one. James Cook International staff should be the first point of contact if assistance is needed. They provide a range of support services and information for students including

- Preparing for arrival information
- free arrival reception service
- orientation program
- social activities
- assistance securing accommodation
- orientation tours of Townsville or Cairns cities
- assistance in emergencies
- personal well-being and welfare support
- after hours student assistance helpline
- Overseas Student Health Cover (OSHC) information
- student advice, advocacy and referral
- course admission procedures
- 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.

The College's programs focus on building leadership capabilities, professionalism, productive networks and cross-cultural skills to give JCU graduates a career-building edge. All JCU students are members of the Professional College with access to a range of programs in three modules: Leadership, Community Engagement and Cultural Competency.

www.jcu.edu.au/procollege

Learning Skills

Learning advisers provide academic support for all JCU students. Workshops, online tutorials and individual sessions are available 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

Multi-faith 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 office 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 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.jcu.edu.au/studentassoc

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

- online job finder, including part-time and vacation jobs
- career advice
- on-campus career fairs
- access to computer-based career guidance programs to help with career choices

www.jcu.edu.au/careers

Students with disabilities

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 Accessibility Services as soon as they accept their offer to study at JCU.

www.jcu.edu.au/office/disability

Leading technology

Students at JCU enjoy access to the latest technology and a wealth of electronic resources, including access to the JCU network to borrow books from the JCU Library catalogue, submit assignments, to contact lecturers, take part in online class discussions and more.

PC and Macintosh computer laboratories are available on all campuses. Selected computer laboratories are open 24 hours, seven days a week, offering printing facilities on a user-pays basis. 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. Over 24,000 unique electronic journals are accessible as part of a rapidly expanding collection of electronic resources.

www.jcu.edu.au/libcomp



Connect with us  facebook.com/james.cook.university.international

Accommodation

Townsville and Cairns offer a range of housing options for students. Purpose-built student accommodation is available on-campus in Townsville in halls of residence or colleges. In Cairns, privately owned and operated student residences are available near the campus.

James Cook University's Accommodation Service helps students with on-campus accommodation in halls of residence and colleges, as well as in private rental or shared accommodation (off-campus). For students who prefer off-campus accommodation, the service maintains a register of houses, units, apartments, shared accommodation, home stay and caretaker arrangements. The Service also provides tenancy information and advice on how to rent a private house or unit.

A wide range of quality housing is available for rent near the Townsville and Cairns campuses, and students may find that renting privately is an affordable alternative to living on campus. For information about accommodation or boarding options at JCU visit www.jcu.edu.au/accommodation

Townsville Accommodation

On-campus accommodation is available at the Townsville campus for international students. Applications are considered from 1 September for the first teaching period/semester of the following year, and from 1 May for the second teaching period/semester and can be submitted by applying online through the JCU Accommodation Service website at www.jcu.edu.au/accommodation

A \$55 application fee applies for all students.

JCU Halls of Residence managed by JCU include

- University Hall
 - George Roberts Hall
 - Western Courts
 - Rotary International House
- The halls provide accommodation for more

than 800 students in a variety of full board and self-catering (Rotary International House only), single and twin-share rooms and townhouses.

www.jcu.edu.au/jcuhalls

John Flynn College provides catered accommodation for 200 male and female students on campus.

www.johnflynn.org

St Mark's College has catered accommodation for 153 male and female students.

stmarks.jcu.edu.au

The Combined Catholic Colleges of St Raphael and St Paul consist of catered single study/bedroom accommodation for 90 male and 60 female students in separate wings. St Raphael's College provides catered accommodation for 74 female students in single study/bedrooms

www.cathcollegesjcu.edu.au

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

Cairns Accommodation

The following accommodation options are located near the Cairns campus and are independently owned and operated. In addition to this there are an abundant number of accommodation rental options in the area.

Cairns Student Lodge: Situated 400 metres (approximately 1300 feet) from the JCU Cairns campus. Fully catered accommodation is provided and facilities include internet access, a swimming pool, barbecue area, volleyball

courts, 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

Cairns Sharehouse: Cairns Share house offer quality accommodation in a huge selection of 32 modern private flats and apartments all within easy walking distance of the centre of Cairns.

The share houses are clean, comfortable and reasonably priced. You can choose from over 170 private single, double and twin rooms in various locations. Each apartment features from 3-6 bedrooms and 1-2 bathrooms and is fully furnished with share kitchen, lounge and dining facilities.

www.cairns-sharehouse.com

The Beaches Apartments: Just a 10-minute walk from the JCU Cairns campus. Furnished two bedroom/two bathroom apartments in a secure, resort style complex with an on-site manager. The Beaches has two free style swimming pools, one lap pool, a gymnasium, two BBQ areas with showers and toilets, a tennis court, study area and small putting green.

www.the-beaches.com.au

Singapore Accommodation

Students at JCU Singapore are offered assistance with finding off-campus accommodation, usually in student hostels close to the campus. For more information on accommodation please send your enquiries to accommodation-singapore@jcu.edu.au



Examples of housing options and costs

Type of Accommodation	Townsville A\$/week	Cairns A\$/week
Off Campus		
1 bedroom flat/unit	\$175	\$220
2 bedroom flat/unit	\$265	\$270
3 bedroom flat/unit	\$340	\$315
3 bedroom house	\$345	\$360
4 bedroom house	\$400	\$415
2 bedroom townhouse	\$270	\$250

All costs are average weekly rents and are correct for May 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/median_rents.cfm

On Campus

Full-board	\$270–\$330	Cairns Lodge \$270
Self-catering	\$180–\$220	Cairns Lodge \$220

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 James Cook International office assists 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.

Approximate total living costs

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

Expense	Approximate cost (A\$)
Rent (share only)	\$120–\$170
Food	\$100
Electricity	\$30
Transport/Travel	\$25–\$30
Miscellaneous	\$50
TOTAL PER WEEK	\$325–\$380
TOTAL PER YEAR	\$16,900–\$19,760

All costs are approximate and are subject to change. Rent is based on sharing a privately rented house.

Students will need to factor in the cost of text books as well. Costs vary depending on the subject.

Academic entry requirements

Undergraduate Diplomas and Degrees	A Levels	Canada - Ontario Secondary School Diploma (OSSD) (%)	Hong Kong (HKDSE)	IB	All Indian School Boards/ State Boards (%)	Ireland Leaving Certificate	Korea Senior High School Diploma
Arts, Education and Social Sciences							
Bachelor of Arts, Education, Languages, Multimedia Journalism, Psychology, Social Sciences, Social Work	6	63	16	24	60/65	350	3
Law, Business and the Creative Arts							
Bachelor of Business	6	63	16	24	60/65	350	3
Bachelor of Creative Industries, New Media Arts	6	63	16	24	60/65	350	3
Bachelor of Information Technology	9	67	19	25	65/70	380	3.2
Bachelor of Laws	10	70	20	26	70/75	440	**
Medicine, Health and Molecular Sciences							
Bachelor of Biomedical Sciences	10	70	20	26	70/75	440	**
Bachelor of Dental Surgery	14	92	24	35	90/95	575	**
Bachelor of Medical Laboratory Science	10	70	20	26	70/75	440	**
Bachelor of Medicine and Surgery	14*	85*	25*	35*	90/95*	575*	**
Bachelor of Nursing Science	9	67	19	25	65/70	380	3.2
Bachelor of Occupational Therapy	13	80	23	32	80/85	540	**
Bachelor of Pharmacy	13	80	23	32	80/85	540	**
Bachelor of Physiotherapy	13	80	23	32	80/85	540	**
Bachelor of Science	10	70	20	26	70/75	440	**
Bachelor of Speech Pathology	13	80	23	32	80/85	540	**
Bachelor of Sport and Exercise Science	9	67	19	25	65/70	380	3.2
Bachelor of Veterinary Science	14	92	24	35	90/95	575	**
Science and Engineering							
Bachelor of Biotechnology	9	67	19	25	65/70	380	3.2
Bachelor of Business and Environmental Science	9	67	19	25	65/70	380	3.2
Bachelor of Engineering	11	73	21	28	68/73	460	**
Bachelor of Geology	9	67	19	25	65/70	380	3.2
Bachelor of Marine Science	11	73	21	28	73/78	460	**
Bachelor of Planning	9	67	19	25	65/70	380	3.2
Bachelor of Science	9	67	19	25	65/70	380	3.2
Bachelor of Sustainability	9	67	19	25	65/70	380	3.2
Diploma of Higher Education	4	50	15	22	55	330	2.8

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) 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.

CANADA: Based on the average of the best 6 Ontario (OSSD or OAC) subjects as a %.

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=2.0, C=1.5, D=1.0, 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 the All Indian School Boards or State Boards.

The following scores are a guide for entry into JCU undergraduate courses at school-leaving level in 2014/2015. Students with existing university qualifications (or equivalent) will be considered for entry and maybe 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 50 or contact James Cook International.

Malaysia - Sijil Tinggi Pelajaran Malaysia (STPM)	Norwegian Vitnemål fra den Videregående Skolen	Pakistan Intermediate/ Higher Secondary School %	South African National Senior Certificate (UMALUSI)	Swedish Slutbetyg fran Gymnasieskolan	OP/RANK (Australia)	United States of America (ACT score)	United States of America (SAT score)
7.33	3.5	65	3.8	12	14/72 – 19/63	22	1500
7.33	3.5	65	3.8	12	19/63	22	1500
7.33	3.5	65	3.8	12	19/63 – 16/68	22	1500
8.66	3.7	70	4.4	13	17/64	24	1650
8.99	4	75	5.0	14	15/70	25	1700
8.99	4	75	4.6	14	15/70	25	1700
10.67	5.3	95	6.5	18	*	32	2100
8.99	4	75	5.2	14	15/70	25	1700
10.67*	5.3*	95*	6.5*	18*	*	32*	2100*
8.66	3.7	70	4.6	13	19/63	24	1650
10.33	4.6	85	5.2	17	14/72	29	1900
10.33	4.6	85	6.0	17	*	29	1900
10.33	4.6	85	6.3	17	*	29	1900
8.99	4	75	4.4	14	13/75	25	1700
10.33	4.6	85	5.2	17	13/75	29	1900
8.66	3.7	70	4.6	13	18/64	24	1650
10.67	5.3	95	6.5	18	*	32	2100
8.66	3.7	70	4.4	13	17/64	24	1650
8.66	3.7	70	4.4	13	17/66	24	1650
9.33	4.2	78	5.4	15	12/77	26	1750
8.66	3.7	70	4.4	13	17/66	24	1650
9.33	4.2	78	5.4	15	10/82	26	1750
8.66	3.7	70	4.4	13	17/66	24	1650
8.66	3.7	70	4.4	13	16/68	24	1650
8.66	3.7	70	4.4	13	17/66	24	1650
7.00	3.0	60	3.5	10	Contact JCU	Contact JCU	Contact JCU

* Admission is conditional upon a successful interview in person or by videoconference. **Not eligible for direct entry.

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=su, B=3=wu, C=2=mi, D=1=yang, F=Fail=gu.

MALAYSIA STPM: 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, F=0. Forecast or Preliminary STPM results will be considered for all programs except Medicine and Surgery.

NORWAY: 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.

OP/RANK (AUSTRALIA): Refer to QTAC selection ranks to convert OP/RANK to ATAR

OP (QLD 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. 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.

Country	Requirement	Country	Requirement
Afghanistan	Satisfactory completion of one year of study at a higher education institution or approved foundation program	Laos	Satisfactory completion of one year of study at a higher education institution or approved foundation program
Austria	Reifeprüfungszeugnis or Matura	Libya	Satisfactory completion of one year of study at a higher education institution or approved foundation program
Azerbaijan	Satisfactory completion of one year of study at a higher education institution or approved foundation program	Maldives	Advanced Level passes in the General Certificate of Education
Bangladesh	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.	Mauritius	Advanced Level passes in the General Certificate of Education
Brazil	"Diploma de Ensino Médio" (Middle Education Diploma) or the old award, the "Certificado de Conclusão de 2º Grau" (Certificate of Conclusion of Second Level) with a minimum GPA of 8 out of 10 (average of all scores gained during their studies)	Mexico	"Preparatória" with a minimum GPA of 8 out of 10 (average of all scores gained during their studies)
Chile	Satisfactory completion of one year of study at a higher education institution or approved foundation program	Myanmar	Satisfactory completion of one year of study at a higher education institution or approved foundation program
China	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 Diploma of Science and Engineering students	Nepal	Satisfactory completion of one year of study at a higher education institution or approved foundation program
Colombia	Satisfactory completion of one year of study at a higher education institution or approved foundation program	Netherlands	Successful completion of 'Voorbereidend Wetenschappelijk Onderwijs' Diploma; or 'Hoger Algemeen Voortgezet Onderwijs' Diploma
Denmark	Studentereksamen, Højere forberedelseseksamen or Højere handelseksamen or Højere Tekniskeksamen	New Zealand	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
Ecuador	Satisfactory completion of one year of study at a higher education institution or approved foundation program	Nigeria	Satisfactory completion of one year of study at a higher education institution or approved foundation program
Egypt	Satisfactory completion of one year of study at a higher education institution or approved foundation program	Papua New Guinea	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
Fiji	Satisfactory completion of Form 7 or the University of the South Pacific Foundation Year	Peru	Satisfactory completion of one year of study at a higher education institution or approved foundation program
France	Baccalauréat General, Baccalauréat Technologique or Baccalauréat de L'Enseignement du Second Degré	Philippines	Satisfactory completion of one year of study at a higher education institution or approved foundation program
Germany	Abitur, Fachhochschulreife or Reifezeugnis or with a minimum entry requirement of 4.0 (ausreichend)	Russia	Satisfactory completion of one year of study at a higher education institution or approved foundation program
Indonesia	Satisfactory completion of SKHUN/STK/University Entrance Examination	Saudi Arabia	Satisfactory completion of one year of study at a higher education institution or approved Foundation program
Iran	Satisfactory completion of one year of study at a higher education institution or approved foundation program	South Africa	National Senior Certificate issued by UMALUSI
Iraq	Satisfactory completion of one year of study at a higher education institution or approved foundation program	Taiwan	Senior High School Leaving Certificate (Diploma) with average B grade in 5 main subjects
Italy	Diploma di Maturita, Esame di Stato	Tanzania	Advanced Certificate of Secondary Education (must include a minimum of two principal passes in subjects)
Japan	Upper Secondary School Certificate of Graduation (Kotogakko Sotsugyo Shosho or 高等学校)	Thailand	Satisfactory completion of the Matayom 6 Thai Certificate of Secondary Education with a minimum GPA of 2.7
Jordan	Satisfactory completion of one year of study at a higher education institution or approved Foundation program	Turkey	Satisfactory completion of one year of study at a higher education institution or approved foundation program
Korea	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	Uganda	Uganda Advanced Certificate of Education (A-Levels) PLUS Uganda Certificate of Education with passes in 6 subjects
Kuwait	Satisfactory completion of one year of study at a higher education institution or approved foundation program	United Arab Emirates	Satisfactory completion of one year of study at a higher education institution or approved foundation program
		Vietnam	Successful completion of Year 11 and 12 (Senior Secondary School) with an average of 7.5 for Bachelor degree entry or 7.0 for Diploma degree entry
		Zimbabwe	GCE Advanced Level (A Level)

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.

	Band 1	Band 2	Band 3a	Band 3b	Band 3c
IELTS	6.0 (no component lower than 5.5)	6.5 (no component lower than 6.0)	7.0 (no component lower than 6.5)	7.0 (with 7.0 in three components and 6.5 in one component)	7.0 (no component lower than 7.0)
TOEFL (paper-based)	550 (with a minimum Test of Written English score of 4.0)	570 (with a minimum Test of Written English score of 4.5)	577 (with a minimum Test of Written English score of 5.5)	Not accepted	577 (with a minimum Test of Written English score of 5.5)
TOEFL (internet-based)	79 (minimum writing score of 19)	90 (minimum writing score of 21)	100 (minimum writing score of 23)	Not accepted	100 (minimum writing score of 23)
Pearson (PTE Academic)	57	64	72	Not accepted	72

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).

* JCU will only accept IELTS test as evidence of English language proficiency.

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 the 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 by emailing 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 you to sit an English test even though you meet other English language requirements set by JCU.

Important Information

Financial Aid and Scholarships

Financial aid and scholarships for international students are limited and generally not available from Australian sources. Students are advised to explore what funding opportunities (i.e. loans, grants, subsidies, sponsorships, scholarships and other awards or benefits) are available from sources within their home country. JCU is familiar with some financial aid options that are available to students from specific nationalities and criteria. For more information, refer to

www.jcu.edu.au/international/scholarships

US & 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 iscfinance@jcu.edu.au

Australia Award Scholarships (AAS)

James Cook University receives students under Australia Awards Scholarships. These scholarships are administered by the Department of Foreign Affairs and Trade under its Australian Aid program. For details about Australia Awards Scholarships including eligibility and how to apply, visit www.australiaawards.gov.au

Other Scholarships and Grants

JCU offers a limited number of scholarships and grants to International students, 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.

Tuition Fees

Tuition fees vary between degrees and increase each new calendar year. Fee information for JCU degrees in Australia is given on page 14 of this publication, and for Singapore fees see page 9.

www.jcu.edu.au/international/fees

Other costs

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 2014 OSHC through JCU's preferred insurer, Allianz Global

Assist, is currently A\$1909 for a single 38 month premium. 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 your student experience through student life, student representation and advocacy. The fee for 2014 is \$281 and is subject to change for 2015.

- **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 that you apply for an Australian student visa before arriving in Australia. To apply you need to contact your nearest Australian Embassy, Consulate or High Commission (www.dfat.gov.au/missions). You can also contact the Department of Immigration and Border Protection (DIBP). The DIBP website contains comprehensive information about applying for visas, student work rights and restrictions, health

2015 Study Dates (Townsville and Cairns)

Teaching Period One 2015 (Semester One)

Arrival service	9 – 15 February
Orientation	16 – 20 February
Classes begin	23 February
Mid-semester recess	13 – 19 April
Classes end	29 May
Exam period	6 – 19 June
Results published	6 July

Teaching Period Two 2015 (Semester Two)

Arrival service	13 – 19 July
Orientation	20 – 24 July
Classes begin	27 July
Mid-semester recess	28 September – 4 October
Classes end	30 October
Exam period	7 – 20 November
Results published	7 December

requirements, and FAQs (Frequently Asked Questions) about student visas.

www.immi.gov.au/immigration

Streamlined Visa Processing

JCU is a participant in the Streamlined Visa Processing arrangements used by DIBP to assess applications for an Australian Student Visa. Streamlined Visa Processing simplifies the student visa assessment process and may reduce the amount of documentation required, particularly for applicants from countries with a DIBP Assessment Level of 3 or 4.

Students will be eligible for Streamlined Visa Processing 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.

For more information about DIBP's Genuine Temporary Entrant and Genuine Student requirements see www.immi.gov.au/students/gte-requirement.

ESOS Act and Tuition Protection Service

As a provider of education services to international students in Australia, James Cook University 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. For more information visit the Australian Education International

website and follow the links to ESOS at www.aei.gov.au.

JCU's Tuition Fee Policy for International Students applies to overseas students who do not commence their studies with JCU, or withdraw before their course is completed. The Policy sets out the circumstances in which a student is entitled to a refund as required under the ESOS Act, and can be found at 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. For further information visit tps.gov.au/StaticContent/Get/StudentInformation.

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. For details visit www.jcu.edu.au/international/public/groups/everyone/documents/policy/jcuprd_034357.pdf.

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. 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. More information can be found at www.eq1.com.au/programs/dependant-student.html#fees

Getting to JCU

Cairns

Cairns has Australia's fifth busiest international airport. There are direct flights from Japan (four cities), 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 4-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 citystate from all over the world.

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

- 1 February for Teaching Period 1 (Semester 1)
- 1 July 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 last Friday of August.
- **Bachelor of Veterinary Science** and **Bachelor of Physiotherapy** - Closing date last Friday of September.

Applicants must also complete a separate 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.

NOTE: Your academic transcripts must be accompanied by the grading scale/key/legend used at the institution where you have undertaken your previous studies. Representative details can be found at www.jcu.edu.au/international/apply/jcurepresentatives.

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 degree 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)

Links to

- [Preparing for Arrival at JCU](#)
- [Accommodation information](#)

Step 5

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

Step 6

We 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.

Step 7

Use your eCOE to obtain a student visa from your nearest Embassy or Consulate in your home country.

Step 8

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

Checklist

Make sure you have included all required documents before lodging your application 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



Did you know

You can also apply online or request an application form from iscadmissions@jcu.edu.au

Application for admission to an Undergraduate Course

PERSONAL DETAILS									
Family Name						Title e.g. Mr/Mrs/Dr			
Given Names						Male <input type="checkbox"/> Female <input type="checkbox"/>			
Permanent address in home country									
Telephone number in home country									
Address (where we can contact you about your application). If applying through an agent, please put the agent's details here.									
Country in which you are submitting this application									
Telephone			Mobile/Cell Phone			Fax			
Email (personal e-mail address of applicant)									
Date of Birth		Day		Month		Year			
Citizenship					Country of Birth				
Do you hold a current Australian visa? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, please give category of visa									
Do you have a disability, psychological or medical condition which may affect your studies? Yes <input type="checkbox"/> No <input type="checkbox"/>									
If yes, attach supporting documents									
Will you be bringing family members on a dependant student visa? Yes <input type="checkbox"/> No <input type="checkbox"/>									

ENGLISH LANGUAGE PROFICIENCY									
English is the main language spoken in my home Yes <input type="checkbox"/> No <input type="checkbox"/>									
If no, please indicate language									
<input type="checkbox"/> I will have / or have taken an <input type="checkbox"/> IELTS test <input type="checkbox"/> TOEFL test <small>JCU TOEFL Code is 9811</small> within the past two years (please tick appropriate box)									
on		Day		Month		Year		Please attach original documentation	
<input type="checkbox"/> 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.									

PREFERRED COURSE									
Name of Course (1st choice)						e.g. Bachelor of Business			
Major						e.g. Marketing			
Name of Course (2nd choice)									
Major									
I wish to study at (tick one only) <input type="checkbox"/> Townsville <input type="checkbox"/> Cairns <input type="checkbox"/> Singapore <input type="checkbox"/> Brisbane									
PLEASE NOTE: NOT ALL PROGRAMS ARE AVAILABLE AT ALL CAMPUSES.									
When would you like to start your studies?									
Townsville or Cairns Teaching Period (semester)			<input type="checkbox"/> One (February)		<input type="checkbox"/> Two (July)		Year		
Singapore or Brisbane Trimester			<input type="checkbox"/> One (February)		<input type="checkbox"/> Two (June)		<input type="checkbox"/> Three (October)		Year

EDUCATIONAL QUALIFICATIONS

NAME OF SCHOOL OR INSTITUTION	NAME OF QUALIFICATION OR COURSE	YEARS ATTENDED		COURSE COMPLETED (YES/NO)
		FROM (MONTH/YEAR)	TO (MONTH/YEAR)	

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

CREDIT FOR PREVIOUS STUDY

Are you applying for credit for previous studies? Yes No

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

FINANCIAL SPONSOR

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

Other

DECLARATION (all applicants must complete)

I declare that the information I have supplied on the application form is, to the best of my knowledge, complete and correct. I acknowledge that my application for admission is subject to acceptance by JCU which has power to impose conditions. I further acknowledge that in the event my application for admission as a student at JCU is accepted, and in consideration of provision of educational resources by JCU, I will be bound by the provisions of JCU's relevant student handbooks, statutes, rules and policies as are in force from time to time, and will be subject to the lawful instructions of officers of JCU.

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's (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 www.immi.gov.au/students/_pdf/2011-genuine-temporary-entrant.pdf

**For financial requirements for obtaining a student visa under the SVP visit: DIBP Financial requirements: Travel, tuition and living expenses www.immi.gov.au/students/students/573-0/financial.htm

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 (OSHC) 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

Townsville and Cairns campuses

International Admissions
James Cook International
Townsville QLD 4811
Australia
Phone: +61 7 4781 5601
Fax: +61 7 4781 5988
Email: iscadmissions@jcu.edu.au

Singapore campus

Admissions Office
James Cook University Singapore
600 Upper Thomson Road
Singapore 574421
Phone: +65 6576 6833
Fax: +65 6455 2833
Email: admissions-singapore@jcu.edu.au

Brisbane campus

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

PHOTOS: Tourism Queensland, Insight Creative, Rob Parsons, Brad Newton Photography and Andrew Rankin Photography

DESIGN: Zephyrmedia

James Cook University 2015 International Undergraduate Prospectus is published by James Cook International, James Cook University, May 2014. 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 2015 International Postgraduate Prospectus.

CRICOS Provider Code: 00117]

Contact us

Cairns

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Enquire online at www.jcu.edu.au/international

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Singapore 574421
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Fax: + 65 6455 2833
Email: enquiries-singapore@jcu.edu.au
Web: www.jcu.edu.sg

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