

2015
International
Postgraduate
Prospectus

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 well above world class ranking in ecology, environmental science and medical microbiology, ranking in the top 4% of universities worldwide for the strength of our academic programs and the high calibre 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.

Many specialist research centres and institutes are based at JCU and provide a hub for research and innovation. The Australian Research Council's Centre of Excellence for Coral Reef Studies attracts the world's leading researchers to the University and its real-life laboratory – the Great Barrier Reef. The NHMRC Centre of Excellence for Peripheral Arterial Disease, funds teams of researchers to pursue innovative, high quality, collaborative research activities in priority areas.

The Cairns Institute complements and adds a vital human, social and cultural dimension to the University's other renowned research centres through advanced studies and research in sustainable industries, economies, people and societies in the tropics. The Cairns Institute supports existing research strengths in education, anthropology, human geography, linguistics and historical studies.

As a postgraduate student at JCU you will enjoy a supportive study environment, highly qualified teachers and exceptional facilities. We offer students a comprehensive range of courses and opportunities to work with world-class researchers. Employers value JCU graduates for their combination of theoretical and practical experience.

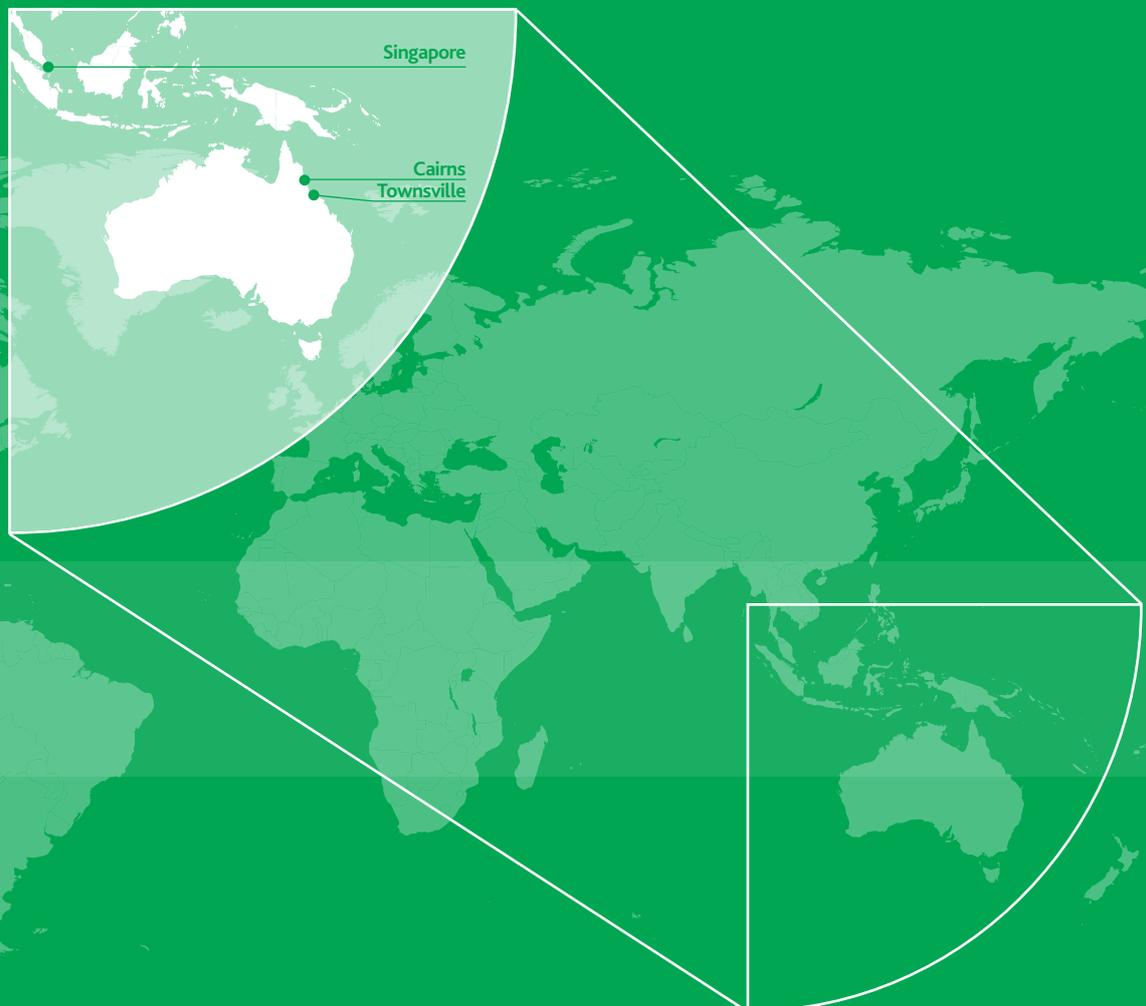
More than 6,000 international students from many countries are enjoying the benefits of studying with JCU right now and our alumni are working throughout the world. Please take the time to discover our campuses, facilities and the large range of courses that are outlined in this Prospectus.

I hope I will have the opportunity to welcome you to the University.

Professor Sandra Harding
Vice-Chancellor and President

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

Our tropical campuses



Singapore

Cairns
Townsville

Tropic of Cancer

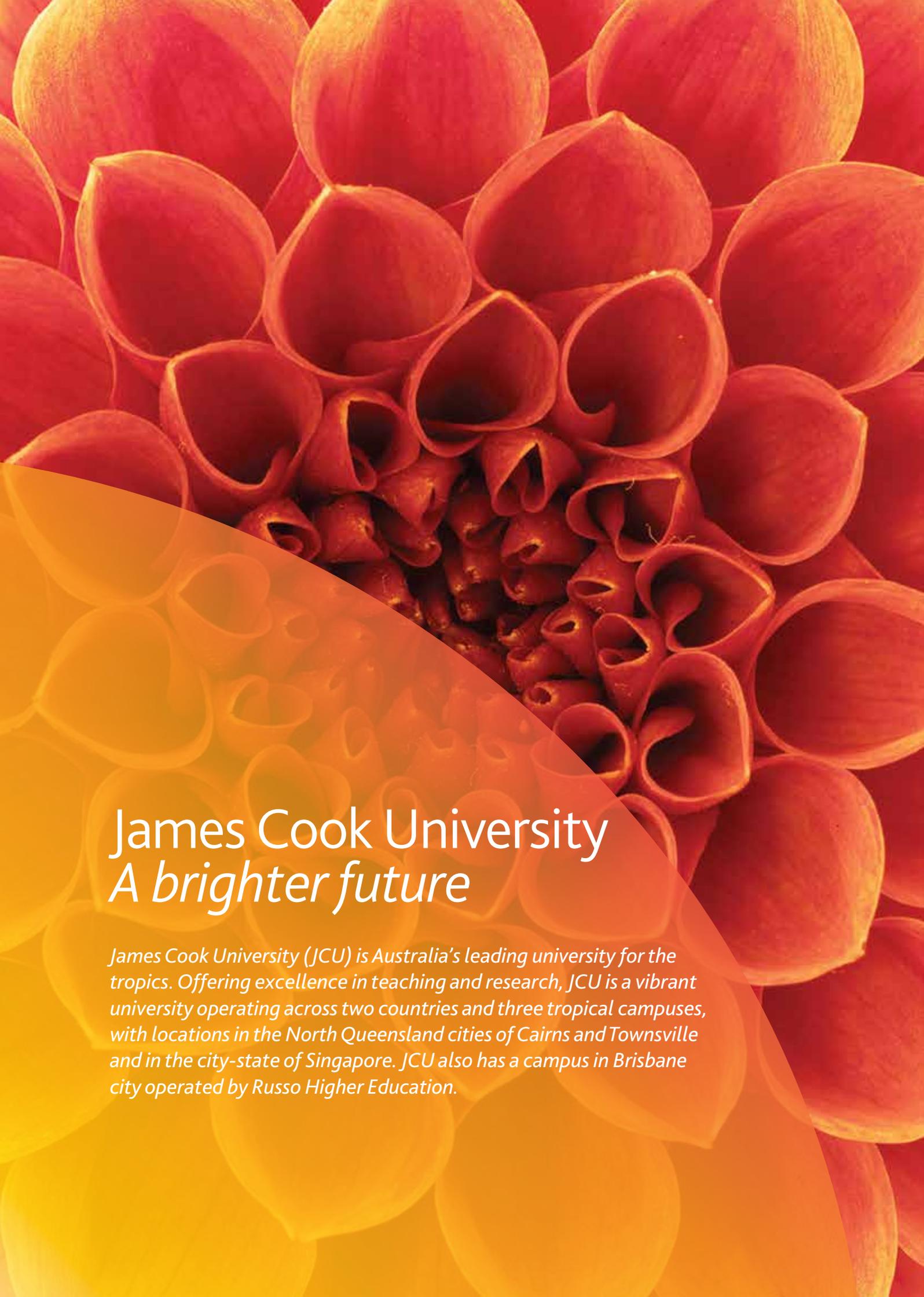
Tropic of Capricorn

James Cook University

2015 International Postgraduate 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
JCU has received the Australian Government's highest ranking of 'well above world standard' for its research in the areas of environmental science and management, ecological applications and medical microbiology (Excellence in Research for Australia national report, 2013).



Did you know
Our professional coursework programs are accredited by industry and professional associations, and many professionals are guest lecturers for our postgraduate programs.

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 join 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.

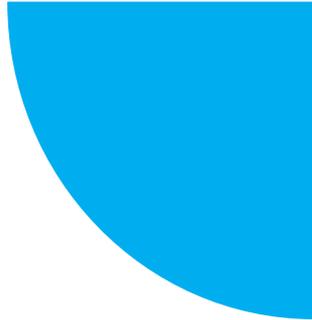
The power of place

JCU's tropical location sets it apart from any other university in the world. Our 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.

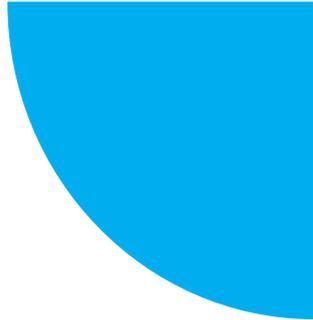
The Cairns campus offers a range of activities and facilities for students including

- student eatery, café and bar
- bookshop
- sporting facilities
- 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

Over 13,000 students, including approximately 1,500 international students, are enrolled at JCU, Townsville. The campus 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.

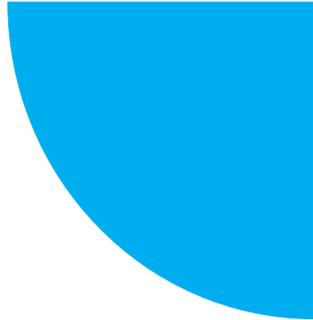
The Townsville campus offers a range of facilities and services for students including

- 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 facilities and services necessary to student life within walking distance of the campus. An on-campus medical centre, pharmacy and grocery store as well as on-campus child-care options are all available.



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. As an educational hub and global schoolhouse of the region, this multi-cultural country provides students 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 designed to ensure students get the best possible outcomes from their years of study.

Singapore Campus Courses and Fees

Course	Total Tuition Fees#	Fast-track duration in years*
Master of Business Administration (General, Human Resource Management, Managerial Accounting, Marketing)	S\$32,100	1
Master of Education	S\$22,470	0.75
Master of Guidance and Counselling	S\$33,705	1
Master of Information Technology (Business Informatics, Computing and Networking, Interactive Technologies and Games Design)	S\$32,100	1
Master of Information Technology / MBA	S\$42,800	1.3
Master of International Tourism and Hospitality Management	S\$32,100	1
Master of Professional Accounting	S\$32,100	1
Master of Professional Accounting / MBA	S\$42,800	1.3
Master of Psychology (Clinical)	S\$58,005	2
Doctor of Psychology (Clinical)	S\$87,024	4

* Duration of full program, assuming students have not been granted credit exemption.

Note: Most JCU Master Degrees by coursework cover twelve subjects (12) over the duration of three (3) trimesters. Exceptions are joint degrees which have sixteen (16) subjects over the duration of four (4) trimesters.

Tuition fees 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



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)
Master of Business Administration	\$24,000	6
Master of Information Technology (Business Informatics)	*	^
Master of Information Technology / MBA	\$24,000	6
Master of International Tourism and Hospitality Management	\$24,000	6
Master of International Tourism and Hospitality Management / MBA	\$24,000	6
Master of Professional Accounting	\$24,000	6
Master of Professional Accounting / MBA	\$24,000	6

[#] Tuition fees in Australian dollars. ^{*} The fee for this course is under review, please contact us for further information. [^] This course is under review, please contact us for further information.



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 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.

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. If the student has completed a degree they may be entitled to advanced standing. Find out more at JCU's Advanced Standing Calculator
www.jcu.edu.au/international/public/groups/everyone/documents/policy/jcuprd_034357.pdf

Choosing the right course

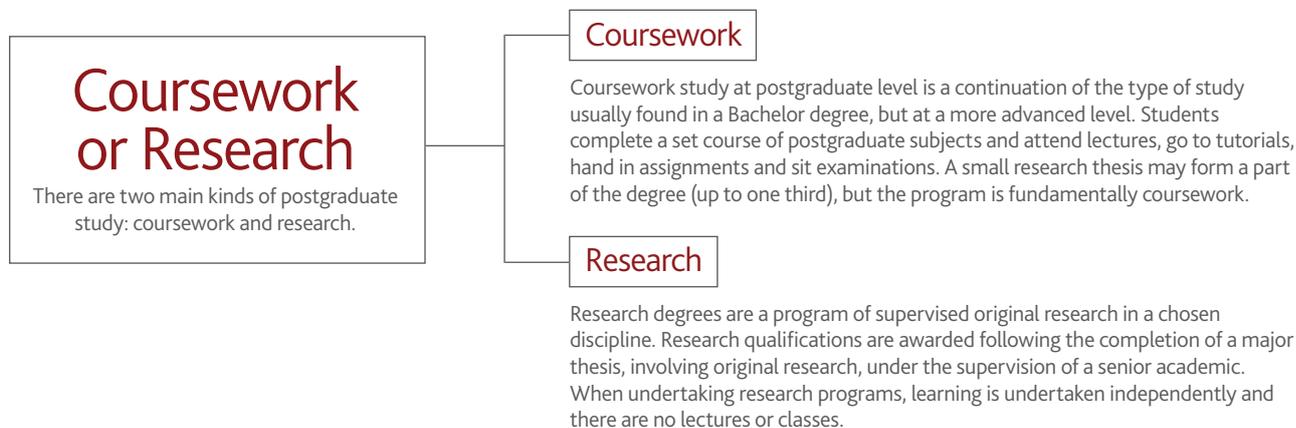
With hundreds of postgraduate courses on offer at JCU, from anthropology to zoology, it's important to take time to research your study options.

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.

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. At the postgraduate level there are a number of courses/majors offered externally (by distance), which are outlined in the Courses and Fees table on page 14. Please note that student visa regulations do not allow international students to study via distance learning while they are in Australia, and courses offered by distance may still require a minimum number of on-campus hours.





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.

Courses and fees

Postgraduate Coursework Degrees

Course	2015 Tuition Fee (per year)	Duration	Campus/Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
DOCTORATES BY COURSEWORK						
Doctor of Clinical Dentistry [see p.32]	\$42,000	3	C,E	Yes	3c	Bachelor of Dental Surgery or equivalent registrable dental qualification awarded by a recognised institution, minimum 2 years of General Dental Practice experience, current registration with the Dental Board of Australia or other national dental registration authority
MASTERS BY COURSEWORK						
Master of Biomedical Sciences [see p.32] (Aquatic Microbiology, Clinical Microbiology, Physiology and Pharmacology)	\$25,000	1.5	T	No	2	Completion of a recognised undergraduate degree in Biomedical Sciences or related science discipline or equivalent prior learning including appropriate professional experience
Master of Business Administration [see p.25] (Conflict Management and Resolution, Creativity and Innovation)	\$24,000	2	T,C**	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience.
Master of Business Administration / Master of Conflict Management and Resolution [see p.25]	\$24,000	2	T	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience.
Master of Conflict Management and resolution [see p.25]	\$24,000	1	T,E	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience.
Master of Development Practice [see p.36]	\$30,000	2	C	No	1	Completion of a recognised undergraduate degree. Preference will be given to those who can demonstrate experience in, and commitment to, international development practice
Master of Economics [see p.26] (General, Environmental Management, International Political Economy)	\$24,000	2	T	Yes	1	Completion of an appropriate undergraduate degree not in Economics
Master of Education [see p.29] (General Education, Sustainability)	\$23,500	1	E	Yes	2	Completion of a recognised, appropriate undergraduate degree and a minimum of at least four years academic and/or professional experience in a cognate discipline. Note: This course does not lead to teacher registration
Master of Guidance and Counselling [see p.29]	\$23,500	1.5	E	Yes	2	Completion of a recognised undergraduate degree or equivalent prior learning including appropriate professional experience
Master of Information Technology [see p.25] (Computing and Networking, Interactive Technologies and Game Design)	\$24,000	^	T,C	Yes	1	Completion of a recognised, appropriate undergraduate degree in information technology or related discipline or equivalent prior learning including appropriate professional experience
Master of Information Technology / Master of Business Administration [see p.26]	\$24,000	2	T,C	Yes	1	Completion of a recognised, appropriate undergraduate degree not in information technology or related discipline or equivalent prior learning including appropriate professional experience

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
Master of Nursing [see p.32] (Advanced Clinical Practice, Clinical Education, Leadership and Management)	\$25,000	1.5	E	Yes	3a	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Master of Pharmaceutical Public Health [see p.32]	\$25,000	1.5	E	Yes	3a	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Master of Professional Accounting [see p.26]	\$24,000	2	T,C	No	1	Completion of a recognised, appropriate undergraduate degree in a non-accounting discipline or equivalent prior learning including appropriate professional experience
Master of Professional Accounting / Master of Business Administration [see p.26]	\$24,000	2	T,C	Yes	1	Completion of a recognised, appropriate undergraduate degree in a non-accounting discipline or equivalent prior learning including appropriate professional experience
Master of Psychology [see p.29]	\$26,500	2	T	No	3c	Completion of a first or second class honours degree from a course accredited by the Australian Psychological Society, 2 Academic Referee Reports, Personal Statement of Interest, Resume/Curriculum Vitae. Application deadline last Friday in October
Master of Public Health [see p.32] (Aeromedical Retrieval, Biosecurity and Disaster Preparedness, Communicable Disease Control, General, Health Promotion)	\$25,000	1.5	T	Yes	3a	Completion of a recognised undergraduate degree in a health science and relevant professional work experience, 2 Academic Referee Reports, Personal Statement of Interest, Resume/Curriculum Vitae
Master of Public Health / Master of Business Administration [see p.25]	\$25,000	2	T,E	Yes	3a	Completion of a recognised undergraduate degree in a health science and relevant professional work experience, 2 Academic Referee Reports, Personal Statement of Interest, Resume/Curriculum Vitae
Master of Public Health and Tropical Medicine [see p.33]	\$25,000	1.5	T,E	Yes	3a	Completion of a recognised undergraduate degree in a health science and relevant professional work experience, 2 Academic Referee Reports, Personal Statement of Interest, Resume/Curriculum Vitae
Master of Rehabilitation (Physiotherapy) [see p.33]	\$25,000	1.5	E	Yes	3a	Applicants must be registered Australian Physiotherapists or have completed an overseas recognised physiotherapy qualification. Note: Completion of this program will not enable Australian registration of overseas qualified physiotherapists
Master of Science [see p.36] Aquaculture Science and Technology, Environmental Earth Sciences, Fisheries Biology and Management, Marine Biology and Ecology, Natural Resource Management, Protected Area Management, Tropical Biology and Conservation, Zoology and Ecology)	\$27,500	1.5	T,C**	Yes	1	Completion of a recognised, appropriate undergraduate degree attaining a minimum of 65% or equivalent prior learning including appropriate professional experience
Master of Social Science [see p.22] (Asia-Pacific Governance and Development, Environment and Heritage)	\$23,500	1.5	T,C	Yes	1	Completion of a recognised undergraduate degree or completion of a postgraduate certificate or postgraduate diploma in a relevant area and a minimum of at least 5 years academic and professional experience in a cognate discipline

Course	2015 Tuition Fee (per year)	Duration	Campus/Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
Master of Social Work (Professional Qualifying) [see p.29]	\$23,500	2	T,C,E	No	3c	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Master of Tropical Animal Science [see p.33]	\$26,000	1.5	T	No	2	Completion of an appropriate undergraduate degree with Class I or Class II Honours in a suitable discipline and at least two years postgraduate professional work experience
Master of Tropical Urban and Regional Planning [see p.37]	\$27,500	1.5	C	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Master of Tropical Veterinary Science [see p.33]	\$26,000	1.5	T	No	2	Completion of a Bachelor of Veterinary Science or equivalent prior learning including appropriate professional experience
GRADUATE DIPLOMAS						
Graduate Diploma of Accounting [see p.26]	\$24,000	1	T,C	No	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Diploma of Biomedical Sciences [see p.32]	\$25,000	1	T	No	2	Completion of a recognised undergraduate degree in Biomedical Sciences or related science discipline or equivalent prior learning including appropriate professional experience
Graduate Diploma of Biotechnology [see p.37]	\$27,500	1	T	Yes	1	Completion of a recognised Bachelor of Science or Bachelor of Biomedical Science or equivalent qualifications.
Graduate Diploma of Clinical Psychology [see p.29]	\$26,500	1	T	Yes	3c	Completion of a first or second class honours degree accredited by the Australian Psychological Society, 2 Academic Referee Reports, Personal Statement of Interest, Resume/Curriculum Vitae
Graduate Diploma of Development Practice [see p.36]	\$27,000	1	C	No	1	Completion of a recognised undergraduate degree. Preference will be given to those who can demonstrate experience in, and commitment to, international development practice
Graduate Diploma of Education [see p.29] (Secondary)	\$21,500	1	T,C**	No	See minimum pre-requisites	Completion of a recognised undergraduate degree in a field other than Education, 2 Academic Referee Reports, Personal Statement of Interest, Curriculum Vitae. Application deadline last Friday in October each year. Additionally, previous degree must included a sufficient amount of study in their intended teaching areas. IELTS requirement: Overall score of 7.5 with no score lower than 8 in Speaking and Listening and no score below 7 in Reading and Writing
Graduate Diploma of Geropsychology [see p.30]	\$26,500	1	T	No	3c	Completion of a first or second class honours degree accredited by the Australian Psychological Society, 2 Academic Referee Reports, Personal Statement of Interest, Resume/Curriculum Vitae
Graduate Diploma of Health Promotion [see p.33]	\$25,000	1	E	Yes	3a	Completion of a medical, nursing or allied health degree or recognised professional qualification, or completion of an undergraduate degree in a relevant discipline
Graduate Diploma of Nursing [see p.32]	\$25,000	1	E	Yes	3a	Completion of a medical, nursing or allied health degree or recognised professional qualification, or completion of an undergraduate degree in a relevant discipline

Course	2015 Tuition Fee (per year)	Duration	Campus/Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
Graduate Diploma of Public Health and Tropical Medicine [see p.33]	\$25,000	1	T	Yes	3a	Completion of a recognised, appropriate undergraduate degree in a relevant discipline or equivalent prior learning including appropriate professional experience, 2 Academic Referee Reports, Personal Statement of Interest, Resume/Curriculum Vitae
Graduate Diploma of Rehabilitation (Physiotherapy) [see p.33]	\$25,000	1	E	Yes	3a	Applicants must be registered Australian Physiotherapists or have completed an overseas recognised physiotherapy qualification. Note: Completion of this program will not enable Australian registration of overseas qualified physiotherapists
Graduate Diploma of Science [see p.36] (Aquaculture Science and Technology, Environmental Earth Science, Fisheries Biology and Management, Geology, Marine Biology and Ecology, Natural Resource Management, Protected Area Management, Tropical Biology and Conservation & Zoology and Ecology)	\$27,500	1	T,C**	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Diploma of Tropical Animal Science [see p.33]	\$26,000	1	T	No	2	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Diploma of Tropical Medicine and Hygiene [see p.33]	\$25,000	1	T	Yes	3a	Completion of a recognised medical degree
Graduate Diploma of Tropical Veterinary Science [see p.33]	\$26,000	1	T	No	2	Completion of a Bachelor of Veterinary Science or equivalent prior learning including appropriate professional experience
GRADUATE CERTIFICATES						
Graduate Certificate of Accounting [see p.26]	\$12,000	0.5	T,C	No	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Certificate of Aeromedical Retrieval [see p.33]	\$12,500	0.5	E	Yes	2	Completion of a recognised Medical or Nursing degree or other recognised professional qualification or equivalent prior learning including appropriate professional experience
Graduate Certificate of Biomedical Sciences [see p.32]	\$12,500	0.5	T	No	2	Completion of a recognised undergraduate degree in Biomedical Sciences or related science discipline or equivalent prior learning including appropriate professional experience
Graduate Certificate of Biotechnology [see p.37]	\$13,750	0.5	T	Yes	1	Completion of a recognised Bachelor of Science or Bachelor of Biomedical Science or equivalent qualifications.
Graduate Certificate of Business Administration [see p.25]	\$12,000	0.5	T,C	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Certificate of Career Development [see p.30]	\$11,750	0.5	E	Yes	2	Completion of a recognised undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Certificate of Clinical Psychology [see p.34]	\$13,250	0.5	T	No	3c	Completion of a first or second class honours degree accredited by the Australian Psychological Society, 2 Academic Referees Reports, Personal Statement of Interest, Curriculum Vitae
Graduate Certificate of Conflict Management and Resolution [see p.25]	\$12,000	0.5	T	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience

Course	2015 Tuition Fee (per year)	Duration	Campus/Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
Graduate Certificate of Development Practice [see p.36]	\$13,500	0.5	C	No	1	Completion of a recognised undergraduate degree. Preference will be given to those who can demonstrate experience in, and commitment to, international development practice
Graduate Certificate of Disaster and Refugee Health [see p.34]	\$12,500	0.5	T	Yes	3a	Completion of a recognised Medical or Nursing degree or other recognised professional qualification or equivalent prior learning including appropriate professional experience
Graduate Certificate of Education [see p.29]	\$10,750	0.5	E	Yes	2	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Certificate of Health Promotion [see p.33]	\$12,500	0.5	E	Yes	3a	Completion of a medical, nursing or allied health degree or recognised professional qualification, or completion of an undergraduate degree in a relevant discipline
Graduate Certificate of Infection Control [see p.34]	\$12,000	0.5	E	Yes	3a	Completion of a recognised Medical or Nursing degree or other recognised professional qualification or equivalent prior learning including appropriate professional experience
Graduate Certificate of Information Technology [see p.26]	\$12,000	0.5	T,C	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Certificate of Nursing [see p.34] (Advanced Clinical Practice, Clinical Teaching)	\$12,500	0.5	E	Yes	3a	Completion of a nursing degree or equivalent qualification, and eligibility for nurse registration in Australia
Graduate Certificate of Planning and Indigenous Communities [see p.38]	\$11,750	0.5	E	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Certificate of Public Health [see p.32]	\$12,500	0.5	E	Yes	3a	Completion of a medical, nursing or allied health degree or recognised professional qualification, or completion of an undergraduate degree in a relevant discipline
Graduate Certificate of Rehabilitation (Physiotherapy) [see p.33]	\$12,500	0.5	E	Yes	3a	Applicants must be registered Australian Physiotherapists or have completed an overseas recognised physiotherapy qualification. Note: Completion of this program will not enable Australian registration of overseas qualified physiotherapists
Graduate Certificate of Science [see p.36] (Aquaculture Science and Technology, Fisheries Biology and Management, Marine Biology and Ecology, Natural Resource Management, Protected Area Management, Sustainability, Tropical Biology and Conservation, Tropical Urban and Regional Planning, Zoology and Ecology)	\$13,750	0.5	T,C**	Yes	1	Completion of a recognised, appropriate undergraduate degree or equivalent prior learning including appropriate professional experience
Graduate Certificate of Travel Medicine [see p.34]	\$12,500	0.5	E	Yes	3a	Completion of a recognised Medical or Nursing degree or other recognised professional qualification or equivalent prior learning including appropriate professional experience
Graduate Certificate of Tropical Animal Science [see p.33]	\$13,000	0.5	T	No	2	Completion of a recognised, appropriate undergraduate degree
Graduate Certificate of Tropical Veterinary Science [see p.33]	\$13,000	0.5	T	No	2	Completion of a recognised, appropriate undergraduate degree

Postgraduate Research Degrees

Course	2015 Tuition Fee (per year)	Duration	Campus/Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
PROFESSIONAL DOCTORATES						
Doctor of Education [see p.42]	\$23,500	^	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Medicine [see p.42]	\$26,000	^	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Pharmacy [see p.42]	\$27,000	4	E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Public Health [see p.42]	\$25,000	^	E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
DOCTOR OF PHILOSOPHY						
Doctor of Philosophy (Architecture and Building) [see p.42] Includes disciplines such as (Urban Design and Regional Planning)	\$29,000	4	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Agriculture, Environmental and Related Studies) [see p.42] Includes disciplines such as (Aquaculture, Environmental Studies, Fisheries Studies)	\$32,000	4	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Creative Arts) [see p.42] Includes disciplines such as (Audio Visual, Communication and Media, Fine Arts, Graphic and Design, Music, Performing Arts, Photography, Visual Arts)	\$25,000	4	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Education) [see p.42] Includes disciplines such as (Curriculum and Education Studies)	\$24,500	4	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Engineering and Related Technologies) [see p.42] Includes disciplines such as (Chemical Engineering, Civil Engineering, Electrical and Electronic Engineering and Technology)	\$29,000	4	T,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Health) [see p.42] Includes disciplines such as (Dentistry, Health, Medicine, Pharmacy, Public Health, Rehabilitation, Veterinary)	\$27,000	4	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Health) [Nursing] [see p.42]	\$26,000	4	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae

Course	2015 Tuition Fee (per year)	Duration	Campus/Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
Doctor of Philosophy (Information Technology) [see p.42] Includes disciplines such as (Computer Science, Information Technology)	\$26,000	4	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Management and Commerce) [see p.44] Includes disciplines such as (Banking and Finance, Business and Management, Marketing, Tourism)	\$26,000	4	T,C,E**	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Medical and Molecular Sciences) [see p.44] Includes disciplines such as (Biochemistry and Cell Biology, Medical Science, Pharmacology)	\$32,000	4	T,C,E**	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Natural and Physical Sciences) [see p.44] Includes disciplines such as (Botany, Chemical Sciences, Earth Sciences, Ecology and Evolution, Genetics, Mathematical Sciences, Microbiology, Oceanography, Physics, Zoology)	\$29,000	4	T,C,E**	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Natural and Physical Sciences) [Marine Biology] [see p.44]	\$32,000	4	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Doctor of Philosophy (Society and Culture) [see p.44] Includes disciplines such as (Anthropology, Archeology, Economics, Law, Linguistics, Psychology, Social Work)	\$24,500	4	T,C,E**	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae

MASTERS BY RESEARCH

Master of Laws	\$26,000	2	T,C	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Agriculture, Environmental and related studies) [see p.42] Includes disciplines such as (Aquaculture, Environmental Studies, Fisheries Studies)	\$32,000	2	T,C	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Architecture and Building) [see p.42] Includes disciplines such as (Urban Design and Regional Planning)	\$29,000	2	T,C	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Creative Arts) [see p.42] Includes disciplines such as (Audio Visual, Communication and Media, Fine Arts, Graphic and Design, Music, Performing Arts, Photography, Visual Arts)	\$25,000	2	T,C,E**	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Education) [see p.42] Includes disciplines such as (Curriculum and Education Studies)	\$24,500	2	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae

Course	2015 Tuition Fee (per year)	Duration	Campus/Mode	Mid-Year Intake	English Band Level	Minimum Prerequisites
Master of Philosophy (Engineering and Related Technologies) [see p.42] Includes disciplines such as (Chemical Engineering, Civil Engineering, Electrical and Electronic Engineering and Technology)	\$29,000	2	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Health) [see p.42] Includes disciplines such as (Dentistry, Health, Medicine, Pharmacy, Public Health, Rehabilitation, Veterinary)	\$32,000	2	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Health) [Nursing] [see p.42]	\$26,000	2	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Information Technology) [see p.42] Includes disciplines such as (Computer Science, Information Technology)	\$26,000	2	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Management and Commerce) [see p.44] Includes disciplines such as (Banking and Finance, Business and Management, Marketing, Tourism)	\$26,000	2	T,C,E**	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Medical and Molecular Sciences) [see p.44] Includes disciplines such as (Biochemistry and Cell Biology, Medical Science, Pharmacology)	\$32,000	2	T,C,E	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Natural and Physical Sciences) [see p.44] Includes disciplines such as (Botany, Chemical Sciences, Earth Sciences, Ecology and Evolution, Genetics, Mathematical Sciences, Microbiology, Oceanography, Physics, Zoology)	\$29,000	2	T,C,E**	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae
Master of Philosophy (Society and Culture) [see p.44] Includes disciplines such as (Anthropology, Archeology, Economics, Law, Linguistics, Psychology, Social Work)	\$24,500	2	T,C,E**	Yes	2	Completion of a recognised, appropriate degree with research component, 2 Academic Referee Reports, Personal Statement of Interest, Research Proposal, Resume/Curriculum Vitae

All fees are in Australian dollars and based on the annual fee.

In the case of programs shorter than a year such as the Graduate Certificates, the fee quoted is the fee for the total program.

Campus availability: T = Townsville; C = Cairns; E = External

External: Usually offered by distance or flexible delivery but may require limited attendance on campus.

For Singapore campus offerings see page 9

For Brisbane campus offerings see page 10.

^ This course is under review, please contact us for further information

^^ Some majors only offered by distance education (not eligible if applying for a student visa)

English language band levels will vary by major/academic specialisation

* The fee for this course is under review, please contact us for further information

** Not all majors available at all campuses.

English language band information can be found on page 55.

Arts, Humanities and Social Sciences

Postgraduate Coursework Study Options

Below are brief descriptions of the postgraduate coursework study options offered at James Cook University. Detailed information and course structure can be found on the Courses and Degrees website www.jcu.edu.au/courses.

Master of Social Science

This flexible program is designed for graduates from other disciplines who wish to pursue studies, either in a single discipline, multiple disciplines or in a selected interdisciplinary area of study. Study areas available include

- Asia Pacific Governance and Development
- Environment and Heritage

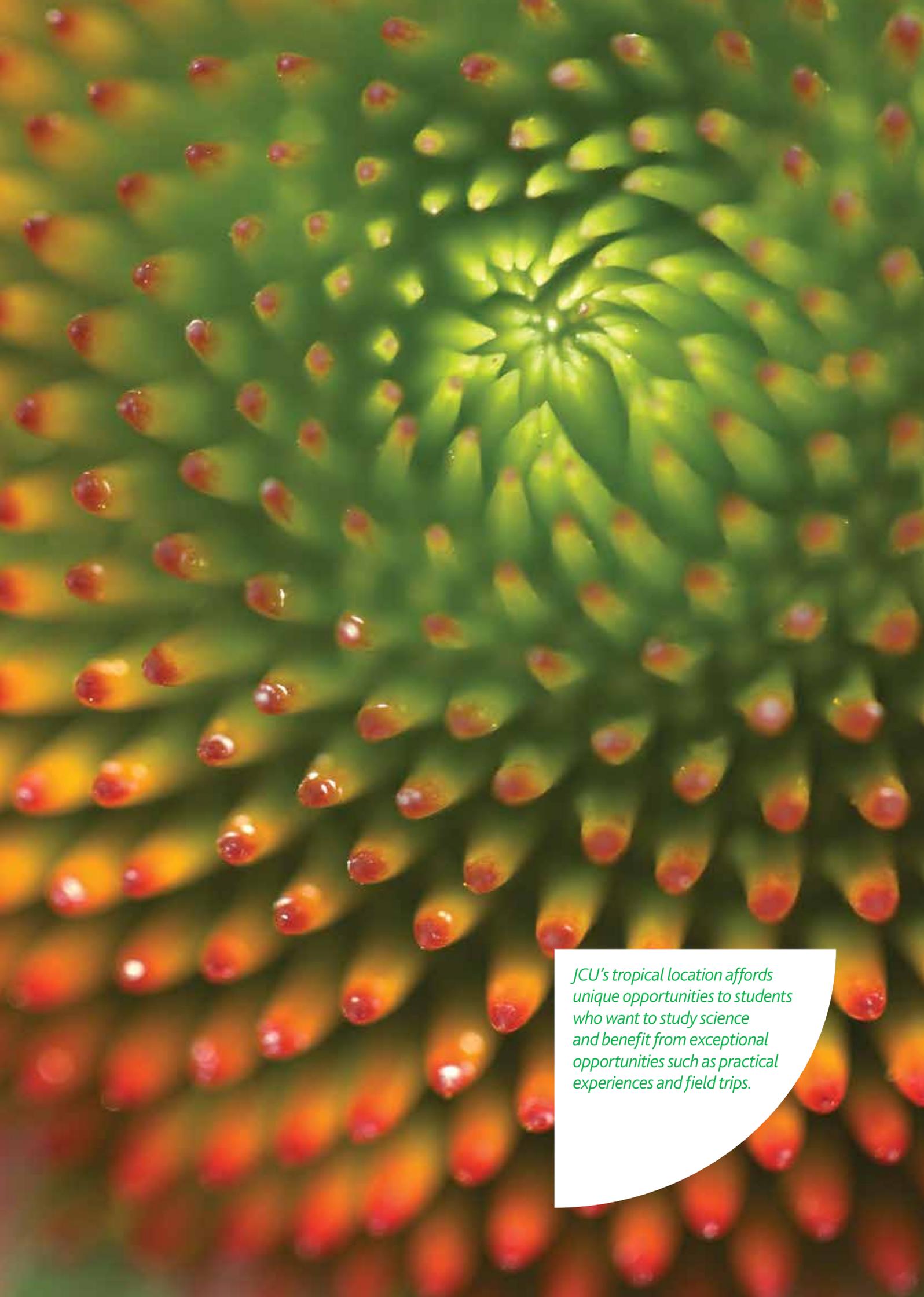
Asia-Pacific Governance and Development

This course prepares students for careers in international and community development with government, non-government and international organisations such as the UN, the World Bank or charities.

Environment and Heritage

Graduates will gain skills appropriate to employment in applied research, planning and evaluation, and related positions across local and national governments, international organisations (eg UNESCO) and NGOs associated with natural and cultural heritage/resource management.





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.



Ariana Yunita

*Master of Information
Technology / Master of
Business Administration
Indonesia*

I chose to study in Australia because of its multiculturalism and the chance to meet and work with people from different backgrounds.

Studying for a Master at JCU has given me the opportunity to meet with professionals as classmates. It provides a platform where ideas and opinions can be shared and allows me to gain insight into various professions.



Business, Information Technology and Law

Postgraduate Coursework Study Options

Below are brief descriptions of the postgraduate coursework study options offered at James Cook University. Detailed information and course structure can be found on the Courses and Degrees website www.jcu.edu.au/courses.

Master of Business Administration (MBA)

The JCU MBA offers a wide variety of career opportunities in the private, public and government sectors of the global economy. Students can study a MBA – General Management strand (all campuses) or an MBA with a major in:

- Conflict Management and Resolution
- Creativity and Innovation

JCU's business administration programs provide advanced knowledge, understanding, and analytical skills for managing in the 21st century. This involves using a wide range of knowledge and research to develop interdisciplinary and thematic frameworks that enable managers to successfully analyse, strategically plan, and implement decisions.

Various disciplines are used to understand the key themes that confront all managers and organisations. Themes include responsible management practices, globalisation, technology and innovation, individual identity and career development, corporate governance, sustainability, risk and value creation, entrepreneurship and decision-making, the knowledge economy, leadership and change, and strategy.

Students are able to progress from a **Graduate Certificate of Business Administration** to a **Graduate Diploma of Business Administration**, and then to the MBA if desired. The Master of Business Administration can also be combined as a

joint degree with Information Technology, International Tourism & Hospitality, Public Health, Professional Accounting and Conflict Management and Resolution.

A selection of subjects for the MBA include:

- Accounting and Finance for Managers
- Comparative Global Business Systems
- Marketing Management
- People in Organisations
- The Changing Business Environment
- Economics for a Sustainable World
- Managing Strategic Resources and Operations
- Corporate Responsibility and Governance
- Marketing, Customer Engagement, Social Media and Marketing
- Strategic and Responsible Innovation Management
- Leading and Managing Organisational Change
- Practical or Research Project

Creativity and Innovation

This major focusses on the theory of how creative practice and creativity exists within and influences the modern world. It looks at the principles behind design thinking, a methodology applied to find practical and creative solutions for problems leading to the development of better products, services, processes, and strategies. Students will develop insights into the origins and role of creativity and innovation in society, and how creativity in the contemporary world can be understood, explained, and applied across a range of contexts and scenarios. Topics of discussion and analysis

will include the role of the creator, creative thinking, the creative process, team creativity, and creative ideas development.

Conflict Management and Resolution

This major is valuable for those managers and professionals who have to manage conflict in the workplace on a regular basis. This major focusses on conflict analysis, conflict resolution processes, ethics, and reflective practice, with the opportunity to consider specific conflict contexts. Graduates are prepared to work in professions that deal directly with conflict, as well as in other professions that require conflict management skills. This major is taught on the Townsville campus, with many subjects offered externally.

Master of Conflict Management and Resolution

The Master of Conflict Management and Resolution program is designed to offer postgraduate students a world-class learning experience, providing the knowledge and skills to analyse, manage and resolve conflict in a wide variety of contexts. All program staff are conflict resolution practitioners with extensive practical experience and a dynamic level of passion for the field. This qualification is open to graduates from any discipline. The degree draws heavily on conflict analysis, negotiation and mediated dispute resolution as well as dealing with cross-cultural conflict resolution

issues relevant to the tropics. The course is particularly relevant to those with a management role, or those who wish to work as a mediator, conciliator or conflict support professional, and is available on campus or by distance education. Related programs include the **Graduate Certificate of Conflict Management and Resolution**, **Graduate Diploma of Conflict Management and Resolution** (distance education only) and a two-year joint **Master of Business Administration / Master of Conflict Management and Resolution**.

A selection of subjects for this course include

- Conflict and Dispute Analysis
- Negotiation
- Mediation and Advanced Mediation
- Workplace Dispute Resolution
- Public Interest and Multi-party Dispute Resolution
- Conflict Coaching
- Cross-cultural Conflict Resolution

Master of Economics

JCU's Master of Economics will be of greatest benefit to those who: hold jobs that require a solid understanding of economics, aspire to be promoted to a job where a solid understanding of economics is expected; and/or are considering moving into sectors in which economics expertise is vital. This program provides training in the key areas of economics, such as:

- Macroeconomic policy and financial markets, pricing, profitability, and firm behaviour

- Government intervention in the labour market, the environment, and health sector
- Regional economic disparities, development, and international trade
- Forecasting and econometrics.

The skills acquired by graduates enable them to help manage problems associated with the labour market, human resource management, exchange rates, profitability, politics, social welfare, financial fragility, and the environment.

The Master of Economics is available in two majors:

- International Political Economy
- Environmental Management – encompassing study areas that are highly complementary to the economics discipline.

Alternatively, students who wish to deepen their research skills can decide to write a minor research thesis to round off their Master of Economics.

Environmental Management

Environmental Management focuses on the key links between economics and the environment. Studying issues such as environmental sustainability and the management of protected environments on the back of a strong economics fundament, this major prepares students for a career in any area relating to natural resource and/or environmental management.

A selection of subjects for this major include

- Environmental Economics
- Environmental Impact Assessment
- World Heritage and National Estate Processes
- Sustainable Enterprise

International Political Economy

International Political Economy harnesses the fundamental links between economics and politics. The major in Political Economy prepares students for a career in the international relations arena,

studying global governance structures and democratisation processes on the back of a strong economics fundament.

A selection of subjects for this major include

- Asia Pacific Development: Culture and Globalisation
- International Relations and Global Governance
- Governance, Democratisation and the State
- Case Studies in Applied Economics and Finance

Master of Information Technology

The Master of Information Technology provides information technology (IT) graduates with advanced skills and knowledge required for success in today's fast moving IT industry. The program is available in two specialist fields of IT:

- Computing and Networking
- Interactive Technologies and Game Design

Computing and Networking

The Computing and Networking major is designed for information technology and computer science graduates and recognised IT professionals who seek to further their knowledge and skills in advanced computing, programming, information systems and networking.

A selection of subjects for this major include

- Advanced E-Security
- Advanced Human Computer Interaction
- Advanced Data Mining and Knowledge Discovery
- Advanced Data Communication Principles

Interactive Technologies and Games Design

Interactive Technologies and Games Design is for those wanting to obtain superior skills relevant to the interactive entertainment

and simulation industry. Electronic games and animation are now an integral part of the global entertainment industry. Social networking and online video share sites like Facebook, Twitter and YouTube attract hundreds of millions of users worldwide.

A selection of subjects for this major include

- E-Business Technologies
- Advanced Game Design
- Advanced Animation Techniques
- Intelligent Agents and Simulation

Master of Information Technology / Master of Business Administration (MIT/MBA)

There is a growing demand for graduates skilled in a range of IT technologies – multimedia, computing, networking, and software technologies. In addition, there is worldwide demand for graduates with the critical business skills and acumen to fully leverage these technical skills into profitable products and services.

These joint degrees at JCU provide training in a variety of computer support skills, and include preparation for industry standard certification in Cisco and Microsoft technologies. The objective is to provide theory and practical skills in accounting, finance management, marketing, operations management, e-business technologies, multimedia, programming, networking, and software.

Master of Professional Accounting (MPA)

The MPA is designed to provide students from a non-accounting background with the skills to operate as professional accountants in the 21st century. Accounting graduates enjoy

a wide range of employment opportunities in the public and private sector including: public accounting practice; auditing; financial analysis; financial and management accounting; management consulting; banking; stock broking; systems support and analysis; taxation and financial advising. The program is fully accredited by CPA Australia. Other related programs include the **Graduate Certificate and Graduate Diploma of Accounting** and the joint **Master of Professional Accounting (MPA) / Master of Business Administration (MBA)**.

A selection of subjects for this course include

- Management Accounting
- Corporate Finance
- Accounting for Corporations
- Strategic Performance Management
- Business Law
- Auditing and Assurance Services

Master of Professional Accounting / Master of Business Administration (MPA/MBA)

This joint masters is designed to provide graduates with skills to operate as professional accountants, and to prepare them for senior management positions. The course provides training in the key areas of accounting and finance, as well as introducing students to key management areas such as strategy and leadership, human relations, marketing, business law, taxation, economics, and business information systems. Graduates are eligible for entry to associate membership of CPA Australia and the Institute of Chartered Accountants in Australia.

Subjects successfully completed for the Graduate Diploma and **Graduate Certificate of Accounting** can be credited towards the Master of Professional Accounting.

Creative Arts

Postgraduate Coursework Study Options

Below are brief descriptions of the postgraduate coursework study options offered at James Cook University. Detailed information and course structure can be found on the Courses and Degrees website www.jcu.edu.au/courses.

Graduate Diploma of Creative Arts

This program gives graduates an opportunity to study a broad range of subjects in a specific discipline or hybrid creative arts pathway. This coursework program is designed for graduates who wish to pursue studies in either a single study area or multiple study areas within the

School of Creative Arts. A broad range of subjects is available, enabling students to pursue either a specific discipline or hybrid creative arts pathway.

Subjects are available from the following majors

- Communication Design
- Illustration and Visual Media
- Media Design
- Music and Digital Sound
- New Media Arts

- Photomedia
- Visual Arts

The School of Creative Arts has specialist facilities, digital media labs, music technology laboratories; music and performance rehearsal rooms, a professional theatre, studios for visual investigations, a gallery, and multimedia and visual communication studios.

Need More Info?

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





Vanessa Dunbar
*Graduate Diploma of
Primary Education*
Canada

After researching universities here I decided that James Cook University was the best fit for me.

I visited Australia ten years ago and fell in love with the country. It's a decision that I am very pleased with, I'm hoping I'll also gain employment in education in Australia. I find the lecturers are the favourite thing about studying here at JCU.



Education, Psychology and Social Work

Postgraduate Coursework Study Options

Below are brief descriptions of the postgraduate coursework study options offered at James Cook University. Detailed information and course structure can be found on the Courses and Degrees website www.jcu.edu.au/courses.

Master of Education

E

This program is available to graduates from both a teaching and non-teaching background who wish to further their professional development. Students may undertake a general program of subjects or major in Education for Sustainability. A **Graduate Certificate of Education** is also available. **Note:** This course does not lead to registration as a teacher in schools.

Master of Guidance and Counselling

E

JCU's Master of Guidance and Counselling is designed for those wanting to pursue a career in counselling either in the education system or outside. Previously, this course has been completed predominately by teachers wishing to qualify as school guidance officers. The scope has now widened and people with experience in the human services sector are also encouraged to apply. The Master of Guidance and Counselling is accredited with the Australian Counsellors Association (ACA) and the Singapore Association for Counselling, making it possible for graduates to pursue a counselling career in the general community.

Master of Psychology

JCU's Master of Psychology by coursework provides advanced academic and practical postgraduate training for professional practice at a level sufficient to meet the criteria for registration as a practicing psychologist. It will also meet the requirement for a fifth or sixth year of academic training for membership of the Australian Psychology Accreditation Council and the requirements of the Psychologists' Board of Queensland for registration as a psychologist.

A selection of subjects for this major may include

- Psychological Assessment in Professional Practice
- Adult Psychopathology
- Health and Rehabilitation
- Working with Clients
- Evaluation and Research
- Methods of Intervention
- Practicum
- Research Thesis

Master of Social Work (Professional Qualifying)

This two-year postgraduate program by coursework offers students with an appropriate existing undergraduate degree to undertake study leading to an Australian accredited social work degree. Students will develop knowledge and skills necessary for professional practice in a range of practice fields, and the course has a very strong practical component, with students completing two field education

placements. Students do not need to have an undergraduate degree within Social Work to be eligible for entry into the program.

Graduate Diploma of Education

This program is designed for students who have completed an undergraduate degree in a non-teaching discipline, and who now wish to become a teacher. The Graduate Diploma of Education is a one-year full time degree, which commences in January, prior to the standard University year. Specialisations are available in secondary teaching (children aged 12–18) at the Townsville campus.

Secondary

This specialisation is available in Townsville and qualifies graduates to teach students in Year 8 to Year 12 (adolescents aged 13–18). Applicants intending to become secondary teachers need to have completed subjects in their undergraduate degree that correspond to subject areas taught in Queensland schools. Generally students have two teaching areas, a major (eight subjects in their undergraduate degree) and a minor (four subjects in their undergraduate degree). At JCU there are a variety of curriculum areas available for intending Secondary School teachers. These include: Business; Biology; Chemistry; Drama; English; Geography; Health and Physical Education (HPE); History; Technologies; Languages other than English (LOTE); Legal Studies; Marine Studies; Mathematics;

Music; Physics; Visual Arts; and Science.

Students in the Graduate Diploma will complete 75 days of professional experience (practical teaching). Graduates are eligible for registration with the Queensland College of Teachers. Students should consult the relevant authority in their home country to establish the requirements for teacher training in that country. All students are required to obtain a Commission of Suitability to Work with Children (Blue Card) prior to beginning professional experience in schools.

Graduate Diploma and Graduate Certificate of Clinical Psychology

These programs are designed for psychologists who have completed an Australian Psychological Society (APS) accredited four year training sequence and are seeking specialised postgraduate training. It provides detailed knowledge of adult psychopathology, health and rehabilitation, psychological assessment in professional practice and working with clients.



Graduate Diploma of Geropsychology

This program is designed for psychologists who have completed an Australian Psychological Society (APS) accredited four year sequence and are seeking specialised postgraduate training. Graduates will gain a broad understanding of the multiple aspects of normal and abnormal changes in cognition, personality, well-being and mental health that occur with aging in the later years of life.

Graduate Certificate of Career Development

E This program is designed for those who wish to work in the areas of career education, career guidance and career counselling. This course may be completed in conjunction with the **Master of Guidance and Counselling** or separately.

E = External
(Usually offered by distance or flexible delivery but may require limited attendance on campus)



Anita Raharjeng
Master of Biomedical Sciences
Indonesia

Biomedical Science is very popular in my country, so this course is going to be important for my future career.

My research is about increasing the shelf life of food products with gamma radiation. At JCU, I can use all of the equipment I need for free, which helps my research. I like studying at JCU because the staff and other students are very helpful, especially for my English, with staff helping by providing handouts a couple of days before the lecture.



Medicine, Health and Veterinary Science

Postgraduate Coursework Study Options

Below are brief descriptions of the postgraduate coursework study options offered at James Cook University. Detailed information and course structure can be found on the Courses and Degrees website www.jcu.edu.au/courses.

Doctor of Clinical Dentistry

This is a professional doctorate suitable for registered dental practitioners who wish to gain further experience and specialise in a discipline of dentistry. This program enables dentists to acquire advanced skills and knowledge in a specialist field of dental practice and provides for specialist training and specialist practice in Orthodontics.

The Doctor of Clinical Dentistry will have a number of possible majors that will be introduced over time. The first of these to be introduced is Orthodontics. The program comprises coursework and clinical practice in the Tropical Queensland Centre for Oral Health (TQCOH) on the Cairns Campus. Students will also undertake clinical practice in Queensland Health clinics.

Master of Biomedical Sciences

This is a flexible degree that embraces three majors

- Aquatic Microbiology
- Clinical Microbiology
- Physiology and Pharmacology

These strands offer science graduates advanced level training in aquatic pathobiology, clinical and food microbiology, and physiology and pharmacology, relevant to the domains of human and veterinary endeavour. With excellent equipment and technology for the study of biomedical sciences available that includes the Queensland Magnetic Resonance Centre as well as the facilities at the tertiary teaching hospital on-campus. Related programs

include the **Graduate Certificate of Biomedical Sciences** and **Graduate Diploma of Biomedical Sciences**.

Aquatic Microbiology

A selection of subjects for this major include

- General Pathobiology
- Advanced Aquatic Pathobiology
- Advanced Marine Microbiology
- Independent Project

Clinical Microbiology

A selection of subjects for this major include

- Advanced Clinical Microbiology
- Food Microbiology
- Microbiology and Immunology
- General Pathobiology

Physiology and Pharmacology

Students with an interest in physiology or pharmacology should consult the course coordinator at postgrad.mhms@jcu.edu.au to devise a study program.

Master of Nursing

This 18-month coursework program is designed for registered nurses who wish to extend their nursing skills and knowledge to an advanced level in order to undertake leadership roles. This is a very flexible program that accommodates a comprehensive range of nursing disciplines. A **Graduate Diploma of Nursing** is also available.

Master of Pharmaceutical Public Health

This course has been designed to enhance Pharmacists' qualifications in a competitive job market and satisfy the need for continued professional development programs. Pharmaceutical Public Health is a relatively new branch of pharmacy practice that aims to develop pharmacy services and expertise that enhances the health and wellbeing of a whole community. In particular Pharmaceutical Public Health services will be able to aid existing public health services in areas such as smoking cessation, heart disease, stroke and cancer prevention, reduction of under-18 conception rate, reducing obesity rates, control of chronic disease and reducing health inequalities. Completion of this course will not allow the graduate to register in Australia as a Pharmacist.

Master of Public Health

This degree enables qualified health professionals to gain postgraduate qualifications in the health sector. Four majors are available (as well as a general program)

- Aeromedical Retrieval
- Biosecurity and Disaster Preparedness
- Communicable Disease Control
- Health Promotion

This is a flexible course. After consultation with the academic advisor, students devise a program of study in one of the four majors or a tailored/

general program that suits their professional goals and interests. A **Graduate Certificate of Public Health** is also available.

Aeromedical Retrieval

A selection of subjects for this major include

- Aeromedical Retrieval
- Clinical Care Skills in Aeromedical Retrieval
- Adult Secondary Retrievals or Pediatrics and Neonatal Retrievals (students have a choice of either subject)

Biosecurity and Disaster Preparedness

A selection of subjects for this major include

- Refugee Health
- Disaster Health Management
- Global Health and Development
- Foundations of Aeromedical Retrieval

Communicable Disease Control

A selection of subjects for this major include

- Tropical Medicine
- Human Parasitology
- Environmental Health
- Medical Entomology

Health Promotion

A selection of subjects for this major include

- Health Promotion Needs Assessment and Planning
- Health Promotion Strategies and Methods
- Health Promotion Research and Evaluation

Master of Public Health / Master of Business Administration (MPH/MBA)

This joint Masters program is designed to enable health professionals to gain advanced management skills while undertaking further study in their area of specialisation. Graduates can apply for membership of the Australian Institute of Management.

The program aims to develop knowledge and skills for

- Understanding current major public health and management issues
- Managing information and human financial resources within health care delivery organisations
- Critical analysis by health managers in the context of national and global economic and political environments
- Identification and analysis of management issues in health care delivery organisations and the identification of appropriate solutions.

Master of Public Health and Tropical Medicine

This degree is unique in Australia, addressing both public health and tropical medicine issues. The range of electives gives the opportunity for specialised focus on tropical Australia, including Aboriginal and Islander health or on Australia's tropical neighbours. Many subjects are offered as flexible delivery, which includes external mode (distance education), limited attendance mode and block mode/intensives. This is a 1.5 year course and a one-year **Graduate Diploma of Public Health and Tropical Medicine** is also available.

A selection of subjects for this course include

- Biostatistics for Public Health
- Communicable Disease Control
- Epidemiology for Public Health
- Environmental Health
- Public Health Leadership and Crisis Management
- Public Health Management
- Tropical Medicine
- Tropical Public Health

Master of Rehabilitation (Physiotherapy)

E

This degree has been developed to meet the advanced skill requirements of practitioners in the rural, remote, Indigenous and tropical health workforce and includes clinical reasoning and evidence based physiotherapy management for rehabilitation following trauma and for chronic conditions. The main areas of physiotherapy practice included are orthopaedics, neurology and cardio-respiratory physiotherapy across the lifespan. Students will also have access to updates in pain management, burns, women's health and other specialty areas. A **Graduate Certificate** and **Graduate Diploma of Rehabilitation (Physiotherapy)** are also available.

Master of Science

JCU's Master of Science enables graduates to pursue further studies in specialist areas. Study areas available include

- Biochemistry
- Immunology
- Microbiology
- Pharmacology
- Physiology

Coursework programs are flexible, with electives available across the above disciplines. Students devise a program of study in consultation with the course coordinator to match their professional goals or interests. The **Graduate Certificate of Science** and **Graduate Diploma of Science** are also available.

Master of Tropical Animal Science

This course is available to graduates from agricultural science, animal science, rural science, science or related degrees. A range of options are available including animal nutrition, aquatic pathobiology and parasitology. The program involves scientists from the Queensland Department of Primary Industries and the Commonwealth's CSIRO who contribute to seminars and practical sessions. In addition to coursework subjects, each student may carry out a research project in a special area of interest, which may involve both field and laboratory studies. The field can also be studied under a **Graduate Certificate** or **Graduate Diploma of Tropical Animal Science**.

A selection of subjects for this course include

- Animal Production
- Advanced Immunology
- Systemic Pathology
- Host-Parasite Relationships
- Animal Reproduction and Management

Master of Tropical Veterinary Science

This course is available to veterinary science graduates who wish to further their training and seek an innovative learning environment. The program is recognised by Veterinary Surgeons Registration Boards in all Australian States and Territories. A **Graduate Diploma of Tropical Veterinary Science** is also available.

A selection of subjects for this course include

- Animal Health
- Advanced Immunology
- Diagnostic Pathology
- Animal Nutrition
- Advances in Veterinary Parasitology

Graduate Diploma and Graduate Certificate of Health Promotion

This course covers the core health promotion competency areas involved in the development, implementation and evaluation of health promotion activities and programs in order to influence the health of populations, communities, groups and individuals. They offer a particular focus on the challenges facing professionals working in tropical, rural, and remote environments.

Graduate Diploma of Tropical Medicine and Hygiene

This graduate diploma enables medical practitioners to undertake advanced studies in health and medical issues facing tropical Australia, the western Pacific and Southeast Asia. This course is accredited by the Fellowship of the Australasian College of Tropical Medicine.

A selection of subjects for this course include

- Tropical Medicine
- Tropical Public Health
- Human Parasitology
- Epidemiology for Public Health
- Medical Entomology

Graduate Certificate of Aeromedical Retrieval

E

This course is concerned primarily with the transport of patients via a properly managed aeromedical evacuation system. It provides students with an overview of the knowledge, skills and attitudes required for the successful management of aeromedical retrieval in the Australian and the global context. This course is designed particularly for doctors,

nurses and paramedics involved in the emergency movement of patients by fixed-wing aircraft and helicopters.

Graduate Certificate of Disaster and Refugee Health

This certificate provides training centered on working in the field of disaster and refugee health, both in Australia and internationally. The program has a rural and remote focus while still dealing with urban disaster and refugee health issues.

A selection of subjects for this course include

- Refugee Health
- Disaster Health Management
- Elective subjects for Public Health and Tropical Medicine Programs

Graduate Certificate of Infection Control

E

This course provides health professionals with the knowledge and skills to implement effective infection control procedures within hospitals and other health care settings, with particular focus on rural and remote areas. Applicants must have an appropriate medical or nursing degree approved by the Faculty or other relevant health professional qualification.

Graduate Certificate of Nursing – Advanced Clinical Practice

E

This program gives registered nurses the opportunity to critically reflect upon their

nursing practice and to gain and apply specific nursing knowledge and skills relevant to their practice area.

Graduate Certificate of Nursing – Clinical Teaching

E

This degree is designed for registered nurses seeking to develop their clinical teaching skills and focus on the theoretical and applied knowledge required to function as effective clinical teachers.

Graduate Certificate of Travel Medicine

E

This program is designed for students who are appropriately qualified in the fields of medicine or nursing and who seek academic and practical training in the disciplines

of travel and tropical medicine. It is of particular interest to those providing travel health advice and is accredited as an approved qualification by the Faculty of Travel Medicine of the Australasian College of Tropical Medicine for their fellowship program.

Need More Info?

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

E = External
(Usually offered by distance or flexible delivery but may require limited attendance on campus)



Hector Barrios-Garrido

*PhD Environmental Sciences
(Research)*
Venezuela

JCU offers amazing environments, such as the Great Barrier Reef, to explore and study. It is the best university for the study of marine turtles and their ecosystems.

Researching at JCU gives you access to excellent facilities and provides all the resources needed. By studying here I have increased my future career prospects.



Science and Engineering

Postgraduate Coursework Study Options

Below are brief descriptions of the postgraduate coursework study options offered at James Cook University. Detailed information and course structure can be found on the Courses and Degrees website www.jcu.edu.au/courses.

Master of Development Practice

This two-year course provides graduate-level students with the skills and knowledge to identify and address the global development challenges of poverty alleviation, health, conservation, climate change and agriculture. James Cook University is one of a network of universities worldwide to develop and offer this program. The Master of Development Practice is designed to produce a cohort of skilled development practitioners and effective advocates of sustainable development practice. Graduates will have broad competence in development issues and will be able to influence policies and programs in developing countries. A **Graduate Certificate** and **Graduate Diploma of Development Practice** are also available.

A selection of subjects for this course include

- Contemporary Issues in Development Practice
- Climate Change: the Science, Impacts and Solutions
- International Health Agencies and Development
- Governance, Democratisation and the State
- Tropical Landscapes and Livelihoods
- Global Health and Development

Master of Science

This prestigious, interdisciplinary coursework degree enjoys worldwide recognition, and offers a comprehensive range of specialist disciplines which reflect

the tropical location of JCU, by the Great Barrier Reef and the Wet Tropics rainforest. Students have access to a range of state-of-the-art facilities unrivaled by other universities in Australia. The degree is completed in 1.5 years with full-time study.

Majors include

- Aquaculture Science and Technology
- Environmental Earth Science
- Fisheries Biology and Management
- Marine Biology and Ecology
- Natural Resource Management
- Protected Area Management
- Tropical Biology and Conservation
- Zoology and Ecology

Coursework programs are flexible, with electives available across the above majors. A research option is available by invitation for high achieving students following the first two semesters of study.

A **Graduate Certificate** (0.5 years) and **Graduate Diploma of Science** (1 year) are also available in the above majors.

Aquaculture Science and Technology

JCU's teaching and research programs in this study area focus on tropical aquaculture of fish, shellfish and pearls. Research programs in nutrition and diet, reproduction, larval development and culture, growth regulation, and husbandry for fish, molluscs and crustaceans present a range of study options. Coursework programs provide training in the principles and techniques in this area as well as hands-on experience. The programs are also flexible with electives available from other science disciplines. Students devise a study program to meet their professional

needs in consultation with the Course Coordinator. Research components may be included under special circumstances.

A selection of subjects for this major include

- Aquaculture: Principles and Practices
- Sustainable Aquaculture
- Aquaculture: Systems Design
- Aquaculture: Hatchery Techniques
- Aquaculture: Genetics and Stock Improvement
- Aquaculture: Propagation
- Aquaculture in Practice

Environmental Earth Science

This coursework program is designed for graduates from other disciplines who wish to seek skills and training in resource and environmental impact assessment, mine site rehabilitation as well as soil and water science.

A selection of subjects for this major include

- Applied Soil Science
- Earth and Environmental Geochemistry
- From Icehouse to Greenhouse
- Field Studies in Tropical Water and Soil Science
- Disturbed Site Repair
- Advanced Hydrology

Fisheries Biology and Management

JCU offers world renowned programs in marine and fisheries biology. Within the Fisheries Biology and Management major students develop advanced knowledge and skills in: quantitative assessments of marine environments, experimental design, fisheries theory and case histories, approaches to fisheries management, techniques used

in fisheries, and in understanding life cycles of exploited organisms. Proximity to the Great Barrier Reef provides unparalleled opportunities for investigating whole organism biology and ecosystem management practices. The course focuses on tropical, shallow water marine systems, with knowledge and skills attained also relevant to other marine regions. The course is flexible with a range of elective subjects available. Students devise a study program to meet their professional goals, in consultation with the course coordinator. Research components may be included in the Master of Science, if approved.

A selection of subjects for this major include

- Fisheries Science
- Marine Reserves as Fisheries Management Tools
- Biological Oceanography
- Design and Analysis in Ecological Studies
- Molecular Approaches to Marine Ecology and Evolution
- Wetland and Estuarine Ecosystems

Marine Biology and Ecology

JCU enjoys national and international recognition for its teaching and research in marine biology. Offering a suite of courses with an emphasis on whole-organism biology, the ecology and biogeography of tropical marine organisms, and the evolutionary mechanisms that underlie their diversity. Proximity to the Great Barrier Reef provides unparalleled opportunities for investigating ecological and evolutionary questions for reef fish, corals, and other marine organisms. A range of courses enable graduates to develop their knowledge and skills in quantitative marine ecology, conservation biology and the

biology, life history and taxonomy of tropical marine organisms. Coursework programs are flexible, with a range of electives available. Students devise a study program to meet their professional goals, in consultation with the course coordinator. Research components may be included in the Master of Science, if approved.

A selection of subjects for this major include

- Marine Conservation Biology
- Life History and Evolution of Reef Corals
- Evolution and Ecology of Reef Fishes
- Behaviour of Marine Animals
- Marine Evolution and Biogeography
- Coral Reef Ecology
- Sampling and Experimental Design

Natural Resource Management

JCU has an established reputation for research in tropical environments and natural resource management. This course provides professional development for students wishing to obtain expertise in managing interactions between humans and their environment.

A selection of subjects for this major include

- Environmental and Regional Planning
- Environmental Impact Assessment
- Terrestrial Resource Management
- Rainforest Wildlife
- Managing Coastal and Marine Environments
- Conserving Marine Wildlife: Sea Mammals, Birds, Reptiles
- Conserving Tropical Rainforests

Protected Area Management

There are over 120,000 protected areas worldwide and their success depends on how well they are managed. The School of Earth and Environmental Sciences has an established reputation for research in tropical environments

and protected area management. This program provides specialist training for science graduates already working in this area (national parks and world heritage listed areas) or people wanting to work in this field. Flexible programs are offered in which students devise their coursework component in consultation with the course coordinator to match their professional goals and interests.

The programs can be structured to include a research component.

A selection of subjects for this major include

- Principles and Practices of Protected Area Management
- Management of Marine Protected Areas
- Terrestrial Resource Management
- Environmental Impact Assessment
- Conserving Tropical Rainforests
- Ecotourism and Wildlife Tourism Management

Tropical Biology and Conservation

This course considers all aspects of theoretical and applied ecology, zoology and botany. The course makes full use of the wide variety of natural tropical environments surrounding JCU including savannas, rainforests, wetlands and coastal marine habitats. These tropical biology programs offer a wide range of electives. Students can structure their courses to specialise in the biology of rainforests, savanna, tropical freshwater systems, tropical wildlife, or tropical insects. Study programs can be tailored to a student's interests and professional goals and can include a research component, if approved.

A selection of subjects for this major include

- Wildlife Ecology and Management
- Conservation Biology
- Australian Vertebrate Fauna
- Behavioural Ecology
- Sampling and Experimental

- Design
- Population and Community Ecology
- Biodiversity and Climate Change
- Ecological and Conservation Genetics

Zoology and Ecology

Postgraduate programs in zoology and ecology complement the Bachelor of Science and Bachelor of Sustainability undergraduate degrees offered on the Cairns campus. Students have access to new and unique research facilities, including the Tropical Sustainable Futures Complex (TSFC) on the Cairns campus, and the Daintree Rainforest Observatory (DRO) at the site of the Canopy Crane at Cape Tribulation.

New facilities provide direct and ready access to field locations and are designed for students engage in practical field activities and longterm monitoring projects. Both facilities present exciting teaching opportunities providing students with much greater real-world experience and engagement with field biology.

These are flexible courses allowing students to specialise in the animals and ecology of rainforests, savannahs, tropical freshwater systems, tropical wildlife, or tropical insects.

Master of Tropical Urban and Regional Planning

JCU's tropical urban and regional planning programs are designed for planners in urban, shire and regional settings. They also provide scope for allied professionals to widen their knowledge in the field of planning. Emphasis is placed on the interactions of humans and the environment, and the particular characteristics of settlements and issues in remote and tropical environments. The courses have been designed in consultation with the Planning Institute of Australia, Australian Institute of Landscape Architects,

Australian Institute of Architects, and state and commonwealth departments and organisations. The Master of Tropical Urban Regional and Regional Planning is professionally accredited by the Planning Institute of Australia.

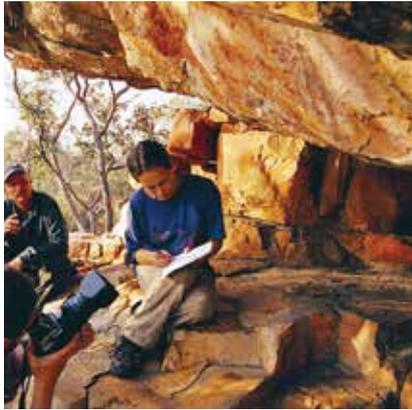
A selection of subjects for this major include

- Social Impact Assessment: Environmental Management
- Professional placement
- Urban Design Studio
- Geographic Information Systems (GIS)
- Environmental and Regional Planning
- Urban Geography and Design
- Planning Legislation and Professional Practice

Graduate Diploma and Graduate Certificate of Biotechnology

These interdisciplinary programs accommodate the rapid advances made in genetic engineering, cell culture, molecular biology and agriculture, and prepare science graduates for an increasing variety of new applications for biological products and ever-increasing job opportunities in the field. The program provides theoretical scientific knowledge and an understanding of the issues required for modern biotechnology including subjects in management, marketing and entrepreneurship.

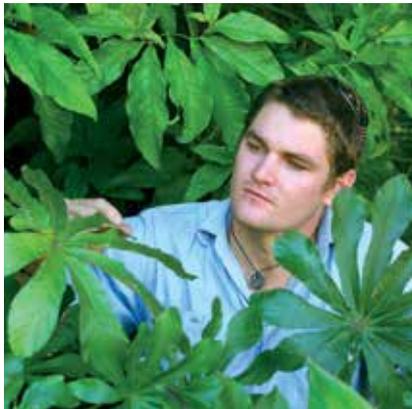
The Graduate Certificate of Biotechnology and the Graduate Diploma of Biotechnology are designed to allow science graduates to undertake specialist study in the knowledge, understanding, issues and application of biological products in modern biotechnology. Programs are flexible, with subjects available from a range of science disciplines, and electives that introduce management, marketing and entrepreneurship. A course of study will be developed in consultation with an academic course advisor



Graduate Certificate of Planning and Indigenous Communities

E

The Graduate Certificate in Planning and Indigenous Communities addresses how the planning system can support a range of initiatives to “Close the Gap” and will educate practicing planners on how to plan with and for Indigenous Communities.



This course is well placed so support the Aboriginal and Islander councils in Queensland, and Aboriginal organisations and shire councils in the Northern Territory, and will support International development initiatives in the Pacific and South East Asia.

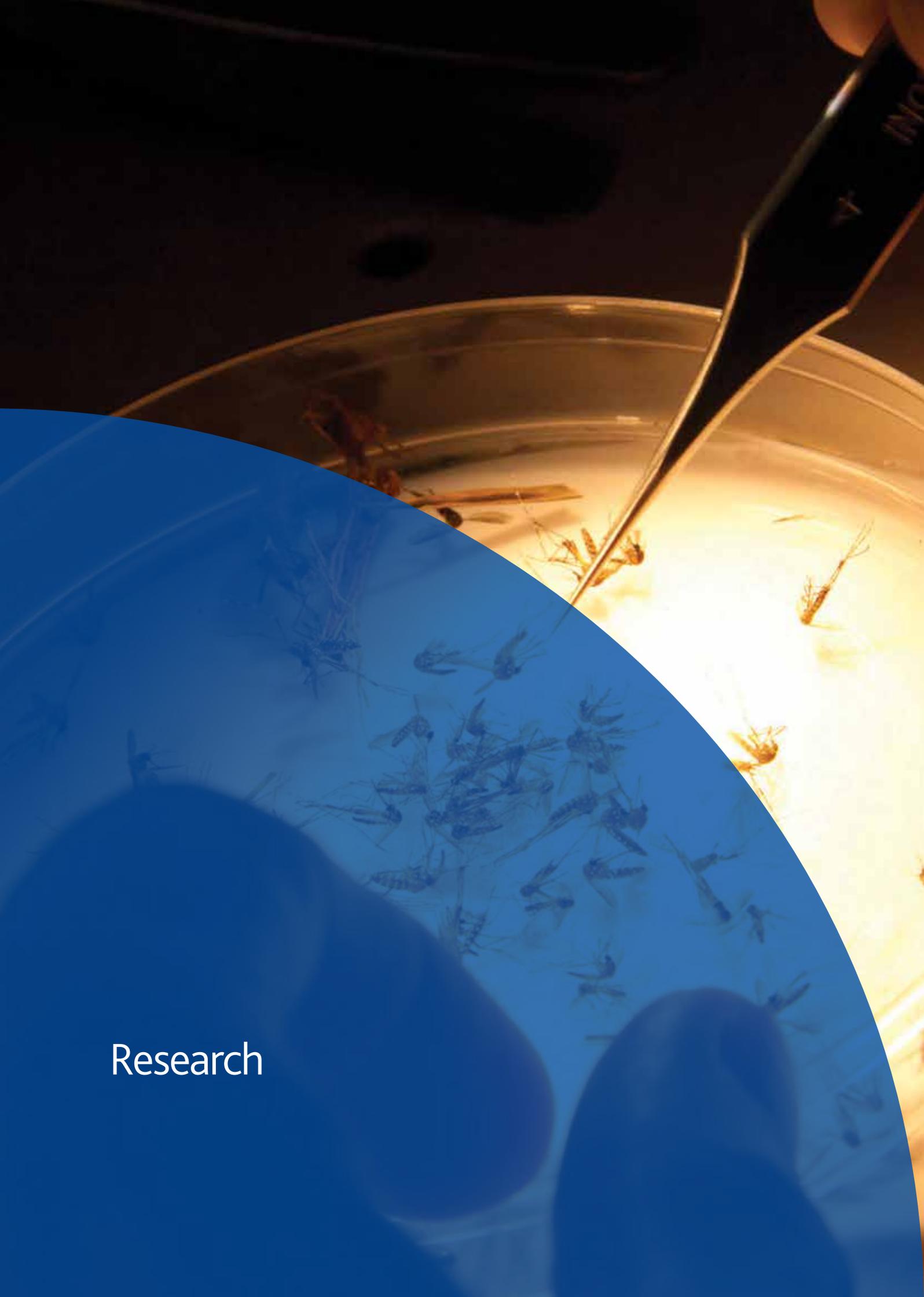
E

= External
(Usually offered by distance or flexible delivery but may require limited attendance on campus)



A microscopic view of several large, circular cells, likely red blood cells, showing a dense network of smaller, granular structures within them. The cells are arranged in a cluster, with one large cell in the foreground and two smaller ones above it. The background is a soft, out-of-focus light brown color.

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.



Research



Did you know

JCU has been judged to be at world-class level or above in 17 areas including geology, ecology, oceanology, neurosciences, materials engineering, zoology and tourism and is the only Australian university to be judged to be well above world class in environmental science and management and fisheries science***.

*** Excellence in Research Australia 2010 National Report

James Cook University was established to conduct teaching and research on areas of importance to the tropics. JCU's focus is on producing graduates who have the expertise to make a difference in their profession and their communities. The high quality research conducted at JCU informs teaching and allows students to have a front-row seat to new discoveries.

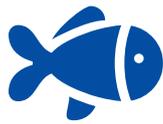
Staff and students benefit from JCU's tropical location, which equips them to conduct nationally and internationally significant research in areas such as marine sciences, biodiversity, tropical ecology and environments, climate change, tourism, tropical medicine and public health. JCU's network of locations spans a wide geographic area and includes research stations on the Great Barrier Reef and in the world-heritage listed Daintree Rainforest.

Facts and figures

JCU's research strengths on the national and international scale



The Academic Ranking of World Universities (ARWU) places JCU as **one of the world's leading academic and research institutions**, in the top **4% of universities in the world**, based on research excellence*.



As Australia's pre-eminent tropical research university, JCU is ranked **first in the world for citations in the field of coral reef ecology** according to Essential Science Indicators.



Nature Publishing Index placed JCU as **30th in the Asia-Pacific for overall research and top in earth and environmental sciences**.



Top 150 in the world for Life Science, ranked by Academic Ranking of World Universities.



James Cook University is a member of **Innovative Research Universities Australia** and is one of the world's leading universities in the tropics.



JCU achieved the **highest rating for Environmental Science and Management, and Fisheries Sciences**, according to Excellence in Research for Australia (ERA).



Among **JCU's tropical leaders** are recipients of **top fellowships** from the Australian Government; Professor Michael Bird (climate change), Professor Terry Hughes (coral reef ecology), Professor Sasha Aikhenvald (Linguistics) and Professor Bill Laurance (environmental science and management).



The **unique tropical location** of JCU allows nationally significant and internationally recognised research to be conducted by both staff and students.

* 2011 Shanghai Jiaotong University Ranking

Research Study Options

The following section gives a brief overview of the higher research degrees available at JCU. Research degrees are listed alphabetically by field of study.

For more detail on areas of research strength, academic profile and more, please visit the individual web sites listed here. Aspiring applicants should visit the Graduate Research School website www.jcu.edu.au/grs/prospective. Information is given later in this publication on how to apply for research degrees (page 58) and on JCU's academic and English language entry requirements (page 54).

Please note: All research degrees fall under the English Band 2 requirement.

JCU has a vibrant research culture which has a focus on the tropics. The graduate research studies program is one of Australia's best, with a program of research skills, academic writing and professional development, financial support for direct research costs, specific support for International candidates, an English Language assistance and development program and opportunities for candidates to present their work both national and internationally.

JCU provides an excellent atmosphere for research students, with high quality supervision provided by academic staff who are easily accessible. Research students may have opportunities to tutor within the undergraduate program, providing valuable experience for those wishing to pursue academic careers.

The Doctor of Philosophy is a program of supervised original research. It culminates in the submission of a thesis that

demonstrates the ability for critical analysis and research that makes a significant and original contribution to the knowledge and understanding of the field of study.

Professional Doctorates offer advanced study for experienced professionals in the field of the degree undertaken. It differs from a PhD in that there is an emphasis on the production of a portfolio that includes publishable or published articles and a thesis.

The Masters Degree (Research) is a two year degree designed for graduates to undertake supervised study and research. At least two thirds of the degree is devoted to research, research training and independent study. This degree will enable students to apply an advanced body of knowledge to research and scholarship in a range of contexts and provide you with a pathway to a doctoral degree.

Agriculture, Environmental and Related Studies

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Agriculture, Environmental and Related Studies and within disciplines such as:

- Aquaculture
- Environmental Studies
- Fisheries Studies

Architecture and Building

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Architecture and Building and within disciplines such as:

- Urban Design and Regional Planning

Creative Arts

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Creative Arts and within disciplines such as:

- Audio Visual
- Communication and Media
- Fine Arts
- Graphic Design
- Music
- Performing Arts
- Photography
- Visual Arts

Education

Master of Philosophy
Doctor of Philosophy
Doctor of Education

This degree is for applicants wishing to undertake research in the field of Education and within disciplines such as:

- Curriculum and Education Studies

Engineering and Related Technologies

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Engineering and Related Technologies and within disciplines such as:

- Chemical Engineering
- Civil Engineering
- Electrical and Electronic Engineering and Technology
- Materials Engineering
- Mechanical Engineering

Health

Master of Philosophy
Doctor of Philosophy
Doctor of Public Health
Doctor of Medicine
Doctor of Pharmacy

This degree is for applicants wishing to undertake research in the field of Health and within disciplines such as:

- Dentistry
- Health
- Medicine
- Pharmacy
- Public Health
- Rehabilitation
- Veterinary

Health [Nursing]

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Nursing

Information Technology

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Information Technology and within disciplines such as:

- Computer Science
- Information Systems



“Through its innovative research programmes, world-class centres of excellence in research and prominent industry collaborations, James Cook University is Australia’s University for the Tropics.”

Management and Commerce

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Management and Commerce and within disciplines such as:

- Banking and Finance
- Business and Management
- Marketing
- Tourism

Medical and Molecular Sciences

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Medical and Molecular Sciences and within disciplines such as:

- Biochemistry and Cell Biology
- Medical Science
- Pharmacology

Natural and Physical Sciences

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Natural and Physical Sciences and within disciplines such as:

- Botany
- Chemical Sciences
- Earth Sciences
- Ecology and Evolution
- Genetics
- Mathematical Sciences
- Microbiology
- Oceanography
- Physics
- Zoology

Natural and Physical Sciences [Marine Biology]

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Marine Biology.

Society and Culture

Master of Philosophy
Doctor of Philosophy

This degree is for applicants wishing to undertake research in the field of Architecture and Building and within disciplines such as:

- Anthropology
- Archeology
- Economics
- Law
- Linguistics
- Psychology
- Social Work

Need More Info?

Please contact
GRS@jcu.edu.au for
more information.

Making a difference in the tropics

JCU enjoys national and international recognition for its high quality and high impact research. The University has invested substantially in structures and facilities to support research and development activity.

One of several key aspects in JCU's success lies in its unique geographical location. Researchers and graduate students have the advantage

of ready access to the most spectacular and diverse natural laboratories in the world. Field site environments for research on coral reefs, tropical rainforests, coastal wetlands, woodland savannas and the arid outback are all accessible. JCU operates and partners with several major teaching and research facilities, these include:

- Orpheus Island Research Station ([pg 45](#))
- Marine & Aquaculture Research Facilities Unit
- Paluma Rainforest Field Station
- Daintree Rainforest Observatory ([pg 46](#))
- Advanced Analytical Centre ([pg 48](#))
- Fletcherview Tropical Veterinary Research Station
- The Cairns Institute ([pg 47](#))
- ARC Centre of Excellence for Coral Reef Studies ([pg 49](#))





Orpheus Island Research Station

Orpheus Island is a continental island providing access to a wide variety of Great Barrier Reef habitats. Researchers and students regularly visit the island to study the diverse fauna, particularly on the sand and rubble intertidal reef flat, as well as fauna associated with the mangrove community.

James Cook University maintains Orpheus Island Research Station, which has accommodation, boats, dive facilities, a lecture theatre, extensive laboratory facilities including climactic controlled research rooms, wet labs and a versatile saltwater aquarium system. The facility provides researchers and students with outstanding access to diverse marine environments. The island is located on the Great Barrier Reef, situated 120km north of Townsville and 220km south of Cairns.

www-public.jcu.edu.au/oirs



World-class
research facilities



Daintree Rainforest Observatory

Situated in the World Heritage listed Wet Tropics region at Cape Tribulation, the Daintree Rainforest Observatory offers scientists from throughout the world the opportunity to conduct a range of canopy related projects.

The forests support about 800 species of vertebrates, many of which are endemic, and about 5000 species of plants, of which 1300 are endemic. The Daintree Rainforest Observatory is the only research station of this type in Australia. It is a partner in the Global Canopy Program – an international network of research, education and conservation exploring the function of forest canopies in the maintenance of biodiversity and the influence of forests on climate change.

www.jcu.edu.au/canopycrane





The Cairns Institute

Located at JCU's Cairns campus, The Cairns Institute is a unique international institute for advanced studies of human life in the tropics within a global context.

It brings together leading researchers from the humanities, social sciences, education, creative arts and other disciplines. It has fast become a research, consulting, policy development and teaching hub for northern Australia, Asia and the Pacific, and complements existing JCU research centres in areas such as medicine, marine biology and tropical agriculture.

www.jcu.edu.au/cairnsinstitute



World-class
research facilities



Advanced Analytical Centre

The Advanced Analytical Centre proudly supports teaching and research at JCU by providing a wide range of analytical facilities backed by experienced and professional staff.

The Advanced Analytical Centre is a central facility at JCU that is managed by the JCU Division of Research and Innovation. The analytical equipment is leading edge and the combined resources of the Centre offers the only facilities of this kind north of Brisbane. Equipment includes:

- Scanning Electron Microscopes (SEM)
- Electron Microprobe (EPMA)
- Laser Confocal Microscope
- Atomic Force Microscope (AFM)
- Laser Ablation ICP-Mass Spectroscopy
- X-ray Fluorescence Spectrometer (XRF)
- Gas and liquid chromatography
- Genetic analysis

www.jcu.edu.au/aac



ARC Centre of Excellence for Coral Reef Studies

World-class
research facilities

ARC Centre of Excellence for Coral Reef Studies

The ARC Centre of Excellence for Coral Reef Studies is the world's pre-eminent coral reef research group and undertakes research for the sustainable use and management of coral reefs.

This prestigious research centre is headquartered at James Cook University, Townsville. The Centre is a partnership of James Cook University (JCU), the Australian Institute of Marine Science (AIMS), The Australian National University (ANU), the Great Barrier Reef Marine Park Authority (GBRMPA), The University of Queensland (UQ) and the University of Western Australia (UWA). The Centre of Excellence is a collaboration of approximately 250 scientists of whom nearly 200 are postgraduate students. This underpins Australia's leading contribution to coral reef sciences, and fosters stronger collaborative links between the major Australian partners and a network of leading institutions around the world.

www.coralcoe.org.au



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 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 and English Entry Requirements

Academic entry requirements

Program	Entry Requirements	Additional Notes
Postgraduate Coursework	Successful completion of study equivalent to an Australian undergraduate Bachelor degree	Some degrees do have additional requirements, including work experience or high academic achievement.
Masters by Research	Successful completion of study equivalent to an Australian undergraduate Bachelor degree with first or second class Honours Successful completion of study equivalent to an Australian undergraduate Bachelor degree and successful completion of either a Graduate Diploma or Graduate Certificate of Research Methods (can be completed at JCU)	International students who have not completed an Australian Bachelors degree must have a Bachelors degree and a minimum of six months formal research training An international qualification considered equivalent to the JCU Postgraduate Diploma or Graduate Certificate of Research Methods will also be considered appropriate
Doctoral (PhD)	Successful completion of study equivalent to an Australian Masters degree with at least a 50% research component Successful completion of study equivalent to an Australian undergraduate degree with first or second class (Division A) Honours	Any international qualification or publications considered equivalent to the programs listed will also be deemed appropriate

For details on specific entry requirements, see the courses and fees table on page 14, or visit www.jcu.edu.au/courses and search for the degree or course you are interested in.

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.

Please note: English Band requirements for individual courses can be found on the Courses and Fees table (see p.14).

	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)	577 (with a minimum Test of Written English score of 5.5)	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)	100 (minimum writing score of 23)	100 (minimum writing score of 23)
Pearson (PTE Academic)	57	64	72	72	72

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 Languages, 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.

Packaged offers

Packaged Offers can also be issued for students requiring further research training before entering a Master of Research or PhD at JCU (such as the Graduate Diploma of Research Methods). Students who do not meet JCU's direct entry English language requirements will be issued with a Packaged Offer for Academic English studies plus their chosen degree. The James Cook International team will be able to advise the appropriate pathway.

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

Research Scholarships

JCU offers highly competitive scholarships to students commencing research degrees at Master or Doctoral level.

- The International Postgraduate Research Scholarship (IPRS) covers tuition and some medical insurance.
- JCU Postgraduate Research Scholarship (JPRS) covers tuition only.

Students must be accepted for a place in a research degree program to be considered for scholarship support. For information on how to apply and eligibility criteria go to 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

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

information about applying for visas, student work rights and restrictions, health 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, coursework students on a student visa may work up to 40 hours per fortnight during university teaching periods and without

restriction during university vacations (research students have unlimited hours). Permission to work in Australia will be automatically included when on a 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.eqj.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

Postgraduate Coursework

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.

Note: some coursework degrees will also require you to complete two referee report forms and submit a curriculum vitae/resume.

Coursework 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:

- Postgraduate coursework programs in Psychology – application deadline 30 October (for Teaching Period 1)
- Graduate Diploma of Education – acceptance deadline 1 December

Postgraduate Research Degrees

There are two stages to apply for a Postgraduate Research degree

1. Students are required to complete an Expression of Interest for a Higher Degree by Research form.
www.jcu.edu.au/grs/prospective/apply.
2. Once the Preliminary Project Proposal is approved, complete the postgraduate research application form and attach your current resume/CV and two referee report forms. These forms are available at www.jcu.edu.au/international/apply.
Note: the application form includes applying for a JCU scholarship.

Research application deadlines:

Research degrees are accepted throughout the year and start dates will depend on advisor availability and project funding. Applications for competitive JCU Research Degree Scholarships starting in 2015 close on the 31 August.

Step 2

Collect all necessary documentation including certified academic transcripts, proof of work experience and academic English results (IELTS/TOEFL/Pearson tests).

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 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

JCU will assess your application based upon academic and English entry requirements for your preferred course.

Step 4

If your application is successful, JCU 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

JCU will then issue you an electronic Confirmation of Enrolment (eCOE). This is the document you will need to obtain a student visa for Australia. Further details will be provided upon acceptance of your offer.

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 degree certificates (with official translations if in a language other than English)
- ✓ Supplied English language test results (if applicable)
- ✓ Included referee reports where required
- ✓ Included a two-page research proposal (research applicants only)
- ✓ Included a 100-250 word personal statement and curriculum vitae/resume (if applicable)
- ✓ Read, completed and signed the Offer letter
- ✓ Made a copy of all documents for your records

Once complete, please forward your application to your JCU campus of choice (details on back of application form)



Did you know

You can find a list of possible JCU academic supervisors and research topics for your area of interest at research.jcu.edu.au/portfolio

Contact Us

For more information or if you have trouble applying online contact iscadmissions@jcu.edu.au

Application for admission to a Postgraduate Coursework 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 (must include personal email of student)					
Date of Birth	Day	Month	Year		
Citizenship			Country of Birth		
Do you hold a current Australian visa? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please give category of visa					
Do you have a disability, psychological or medical condition which may affect your studies? <input type="checkbox"/> Yes <input type="checkbox"/> No					
If yes, attach supporting documents					
Will you be bringing family members on a dependant student visa? <input type="checkbox"/> Yes <input type="checkbox"/> No					

ENGLISH LANGUAGE PROFICIENCY

English is the main language spoken in my home <input type="checkbox"/> Yes <input type="checkbox"/> No					
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 within the past two years (please tick appropriate box) <small>JCU TOEFL Code is 9811</small>					
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

<input type="checkbox"/> Masters Degree <input type="checkbox"/> Graduate/Diploma <input type="checkbox"/> Graduate/Certificate <input type="checkbox"/> Graduate Certificate/Diploma of Research Methods					
Name of Course (1st choice)	e.g. Master of Science				
Major (if applicable)	e.g. Aquaculture				
Name of Course (2nd choice)					
Major (if applicable)					
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 (MONTH/YEAR TO MONTH/YEAR)	COURSE COMPLETED (YES/NO)

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

None

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 (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: DIAC 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 the address on the right, or to one of JCU's approved agents, listed online at www.jcu.edu.au/international/apply/jcurepresentatives

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International Admissions
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Townsville QLD 4811
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Phone: +61 7 4781 5601
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600 Upper Thomson Road
Singapore 574421
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Fax: +65 6455 2833
Email: enquiries-singapore@jcu.edu.au

Brisbane campus

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349 Queen St, Brisbane QLD 4000 Australia
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For information about undergraduate studies, see the separate publication James Cook University 2015 International Undergraduate Prospectus.

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