

COLLEGE OF MEDICINE AND DENTISTRY

2017

Postgraduate study guide



JCU Global rank
Top **2%**

JCU is ranked in the top 2% of universities
in the pre-eminent global rankings system,
the Academic Ranking of World Universities

ARWU 2016



In 2015, JCU was awarded four prestigious National
Office for Learning & Teaching Citations for
Outstanding Contributions to Student Learning

*Australian Awards for University Teaching,
Office for Learning and Teaching*



Medicine Graduate Survey
2005 to 2016

Interest in '**working in a rural area**'
increased over the course duration from
64% at entry to **79%** at graduation.

Students intending to practise medicine
outside Australian capital cities:

JCU 84% Other 16%

Graduates who undertook their internship
outside a metropolitan centre

JCU 64% Other 17%

Graduates planning to work in regional locations
with a population less than 100,000

JCU 42% Other 18%



College of Medicine and Dentistry

The College of Medicine and Dentistry delivers courses and research relevant to people and communities in the tropics, dedicating its energy to rural, remote, tropical, and Aboriginal and Torres Strait Islander populations. A strong focus on social justice and humanitarian issues underpins our work.

The College is a part of the Division of Tropical Health and Medicine.

James Cook University's College of Medicine and Dentistry was established in 2000 as the first medical school in Australia to be entirely regionally located. The uniqueness of the location is supported by a distinctive approach that is entirely focused on meeting the priority needs of the region. In particular, there is an emphasis on delivering a 'fit for practice' workforce for regional Queensland with graduates that have particular aptitude for service in rural, remote, regional and underserved locations, and in meeting the health needs of Aboriginal and Torres Strait Islander communities.

In October 2015, the Commonwealth Government announced that JCU would deliver GP training to the North Western Queensland training region from 1 January 2016.

This is the first time that Australian General Practice Training (AGPT) has selected an Australian university to provide training for medical graduates seeking to become specialist general practitioners.

Regional offices have been established across North Western Queensland and are staffed by Medical Education and Administration staff to enable the local delivery of Registrar education and training. This devolved model of delivery will enable a greater degree of autonomy for the regions, allowing them to more adequately meet unique local needs. A high quality of educational delivery complements the existing apprenticeship model of GP Registrars and Supervisors in accredited Training Practices.

Contact the College

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Web. jcu.edu.au/cmd

Contact Student Enquiries

Tel. 1800 246 446

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Master of Health Professional Education

JCU's Master of Health Professional Education is for you if you are a qualified health professional and you're seeking to develop a career as a leader in health professional education or research. This course provides you with the knowledge and competencies to improve clinical teaching in all health professions including in medicine, nursing, dentistry and allied health. The course also qualifies you to teach post-registration health professionals who are working towards their professional qualifications, such as GP registrars and hospital residents.

Related qualifications

- Graduate Diploma of Health Professional Education (2 years part time)
- Graduate Certificate of Health Professional Education (1 year part-time)

Overview

By choosing a JCU Master of Health Professional Education, you'll be studying with a university that is recognised throughout Australia and the Asia-Pacific region as a leader in rural and remote health, tropical medicine and health. You'll benefit from JCU's:

- State-of-the-art teaching facilities and medical research laboratory
- Research partnerships with Indigenous Australian communities and international organisations
- Clinical schools in Cairns, Mackay, Atherton and the Northern Territory.

As well as research projects you'll complete core subjects and options you'll explore include:

- Teaching for Learning in the Health Professions
- Strategies for Clinical Teaching
- Assessment and Evaluation in Health Professional Education
- Curriculum Design and Renewal in Health Professional Education
- Leadership in Health Professional Education
- Health Professional Education Using Action Research
- Innovative Teaching in the Health Professions.

Master of Pharmaceutical Public Health

This innovative JCU course is for you if you already have pharmaceutical qualifications, and you would like to broaden your skills to include developing pharmacy services to enhance the health and wellbeing of a whole population - as distinct from delivering service patient-by-patient.

Overview

Studying JCU's Master of Pharmaceutical Public Health is very different from studying a clinical pharmacy qualification. Whereas, it does focus on aspects of medicines management, the MPharmPH will also provide you with a range of public health, leadership and research skills.

These skills will help you to develop pharmaceutical services that meet the needs of communities and also help to develop health systems to meet government and professional health goals. The course will also help you to manage other pharmacists working in these roles and you'll learn to discover innovative solutions to key health issues. As well as a major project, core subjects (C) and subject options include:

- Management of Pharmaceutical Services (C)
- Pharmaceutical Public Health Priorities (C)
- Management of Chronic Diseases
- Research Methodologies
- Pharmacovigilance, Pharmaceutical Regulation and Quality

Master of Public Health & Tropical Medicine

The Master of Public Health & Tropical Medicine is the only award of its kind in Australia addressing both public health and tropical medicine issues. The range of electives provides the opportunity for specialised focus on tropical Australia, including Aboriginal and Torres Strait Islander health and on Australia's tropical neighbours.

Overview

Choosing to study JCU's unique Master of Public Health & Tropical Medicine, will provide students with a solid foundation in the knowledge and skills required to effectively deliver programs that promote health, prevent disease, and protect the health of people living in tropical locations. As well as a project, dissertations and a public health placement, core subjects (C) and subject options include:

- Tropical Medicine (C)
- Tropical Public Health (C)
- Public Health Management or Public Health Leadership and Crisis Management (C)
- Environmental Health or Communicable Disease Control
- Epidemiology for Public Health (C)
- Biostatistics for Public Health (C)
- Empowerment and Change
- Aboriginal and Torres Strait Islander Health
- Tropical Paediatrics
- Public Health Economics
- Refugee Health
- Managing Effective Health Programs
- Global Health and Development



Master of Rural & Remote Medicine

This JCU Master of Rural & Remote Medicine is for you if you're a medical or health practitioner, particularly if you're based in a rural or remote community, and would like a pathway to advance your academic and clinical expertise. For junior doctors, this course provides you with an opportunity to learn about practising and living in rural and remote contexts and may be combined with Fellowship training.

Related qualification

- Graduate Diploma of Rural & Remote Medicine (1 year full-time or equivalent part time)

Overview

JCU offers particular expertise in equipping health professionals with the capabilities to practice in rural and remote contexts, and also to develop their expertise in academic and clinical skills. This JCU Master of Rural & Remote Medicine offers you eight core subjects, and the choice of a wide variety of elective subjects that are grouped according to your area of interest, including:

- Population Health and Public Health
- Mental Health
- Paediatrics
- Emergency Medicine
- Internal Medicine
- Health Professional Education
- Research Skills
- Aboriginal and Torres Strait Islander Health

You can choose to study full-time or part-time, externally and via limited attendance in Townsville.

Graduate Diploma of Dental Implantology

There is considerable patient demand for dental implant treatment. If you are an Australian Health Practitioner Regulation Agency (AHPRA) registered dental graduate of greater than two years' standing, this course offers an opportunity for you to gain an internationally recognised postgraduate qualification while expanding your scope of practice.

You will have access to a range of implant systems, diagnostic and CAD-CAM technologies from different industry sectors. This course comprises of two full-time subjects which take place over one year. Extensive use of blended and online learning delivery methods are used. Attendance at four, four-day clinical workshops at the JCU Cairns campus is compulsory.

The course will teach participants to:

- Develop the skills to successfully diagnose and plan dental treatment for patients based around dental implants
- Understand surgical techniques appropriate for the placement of implant components in the dento-alveolar tissues, immediately post extraction, delayed placement and in augmented tissues.
- Design, plan and undertake restorative procedures and to take appropriate records for the restoration or placements with a wide range of implant supported prostheses.
- Manage and maintain clinical cases of a range of complexity for patients restored with dental implants.

Graduate Diploma of Health Professional Education

JCU's Graduate Diploma of Health Professional Education is for you if you are a health professional who is seeking knowledge and skills for developing a career in health professional education or research. This quality course provides you with the knowledge and competencies to improve clinical teaching in all health professions including medicine, nursing, dentistry and allied health.

Related qualification

- Graduate Certificate of Health Professional Education (1 year part-time)
- Master of Health Professional Education (3 years part time)

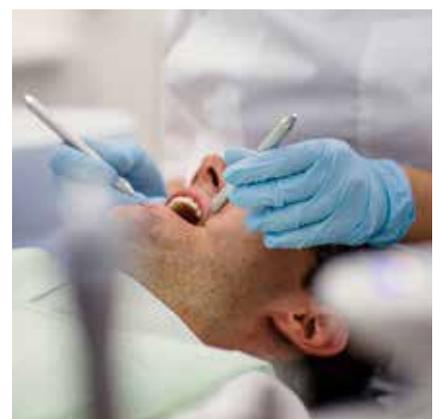
Overview

Choosing a JCU Graduate Diploma of Health Professional Education will give you the many advantages of studying with a university that is recognised throughout Australia and the Asia-Pacific region as a leader in rural and remote health and tropical medicine. You will gain the academic knowledge and specific strategies required for:

- Clinical teaching in urban and rural hospitals, general practices and community clinics
- Teaching post-registration health professionals who are working towards professional qualifications such as GP registrars and hospital residents.

Course subjects and options you can choose are:

- Teaching for Learning in the Health Professions
- Strategies for Clinical Teaching
- Assessment and Evaluation in Health Professional Education
- Curriculum Design and Renewal in Health Professional Education
- Leadership in Health Professional Education
- Innovative Teaching in the Health Professions



Graduate Diploma of Orthodontics

This JCU Graduate Diploma course provides you with skills and knowledge that enable you to undertake clinical diagnosis and treatment for patients who require orthodontic treatment. When you graduate, you'll be able to offer an enhanced scope of care in a field of dentistry that is experiencing significant demand.

The purpose of the Graduate Diploma of Orthodontics is to train and educate Australian Health Practitioner Regulation Agency (AHPRA) registered dental graduates who want to enhance their orthodontic academic, clinical and technical skills and knowledge to enable them to successfully identify, treat and care for patients requiring orthodontic treatment.

Upon completion, general dental practitioners will have acquired enhanced skills and knowledge to enable them to:

- Apply the scientific basis of orthodontics, with particular emphasis on current theories relevant to growth and development; diagnosis; treatment planning; and, clinical management of malocclusions.
- Properly diagnose orthodontic dental malocclusions and skeletal discrepancies.
- Formulate a competent treatment plan following consideration of the underlying aetiological factors and addressing the patient's chief complaint.
- Implement biomechanical methods to treat orthodontic cases.
- Provide orthodontic treatment based on evidence-based dentistry.
- Critically analyse orthodontic literature and apply it clinically.

Applications close 1 June 2017.

Graduate Diploma of Rural and Remote Medicine

Rural and Remote communities in Northern Australia and the tropics face unique health issues. We are committed to equipping health professionals with the capabilities to practise in rural and remote settings.

This course is for medical and health practitioners and graduates who want to specialise and gain additional skills in rural practice.

The Graduate Diploma of Rural and Remote Medicine enables health professionals working in rural and remote Australia to complete a postgraduate qualification to enhance their clinical, academic and research skills. They will develop knowledge, skills and attitudes to contribute to clinical practice, academic work and research relating to rural and remote medicine. Graduates will work to foster their practice through professional development and the application of evidence-based practice in the rural and remote context.

Graduate Diploma of Surgical Anatomy

Advanced anatomy training for Doctors. The course has been aligned to the (Royal Australasian College of Surgeons (RACS) academic requirements for postgraduate surgical education and training. The course comprises two subjects and will be delivered over the course of one year, full time.

This course will suit graduates training in regional locations, as the program will be delivered as a combination of external (online) and limited mode attendance, four, four day workshops at the Townsville Campus. Full-body cadaveric dissection will be facilitated by senior clinical staff.

This course provides advanced anatomy training for medical and/or dental graduates and Australian Health Practitioner Regulation Agency (AHPRA) registered health practitioners within Northern Australia.

Graduate Certificate of Health Professional Education

This course is designed to provide health professionals with an understanding of teaching and learning for health students in the clinical context. The Graduate Certificate of Health Professional Education provides you with the knowledge, skills, and competencies to improve clinical teaching in all health professions including medicine, nursing, dentistry, and allied health.

JCU is a recognised leader in rural and remote health, tropical medicine and health in Australia and the wider Asia-Pacific region. You'll benefit from JCU's:

- New teaching facilities including a medical research laboratory
- Research partnerships with Indigenous Australian communities and international organisations
- Clinical schools in Cairns, Mackay, Atherton and the Northern Territory

Topics covered include; theories of learning, learning styles, microskills teaching, clinical teaching, assessment, and action research skills. Modules are generic and therefore applicable to any/all of the health professions.

This course is designed to provide health professionals with an understanding of specific strategies related to teaching in clinical settings including urban and rural hospitals, general practices and community clinics.

Clinical teachers are also involved in the teaching of post-registration health professional who are working towards their professional qualifications, such as GP Registrars and hospital residents.

While these teachers have registered qualifications within their disciplines, the majority do not have formal qualifications in teaching. This course is designed to develop educator skills for busy health professionals.



Mark Nuttall

"Before I arrived on Palm Island, I wasn't sure what to expect. I always wanted to be a General Practitioner and I initially came to Palm Island for two days. Palm Island is amazing and I soon realised that this is a place where I want to do my GP training, this is the place that I can learn to become the kind of doctor that I want to be".

Generalist Medical Training

Generalist Medical Training (GMT) is a unit within James Cook University's College of Medicine and Dentistry and has been contracted by the Australian Government Department of Health to deliver the Australian General Practice Training (AGPT) program in the North Western Queensland region.

The AGPT program is a postgraduate vocational training program for medical graduates who are pursuing a career in the specialty of General Practice. The program provides training towards Fellowship of the Royal Australian College of General Practitioners (RACGP) and the Fellowship of the Australian College of Rural and Remote Medicine (ACRRM).

GMT offers Registrars a choice of diverse and rewarding Training Posts, with opportunities to experience general practice in some of the most fascinating and beautiful parts of Queensland.

We provide training designed to equip General Practitioners with the right skills, the right inspiration and the right experience for an adventurous career with impact - in regional Queensland, across Australia and beyond.

We aim to meet the needs of the diverse communities of our region, with a focus on rural,

remote and underserved communities and the health of Aboriginal and Torres Strait Islanders.

At GMT there are many unique and exciting opportunities to work in Aboriginal and Torres Strait Islander health and make a real difference to health outcomes.

GMT offers Registrar Training Posts in large regional centres such as Cairns and the Sunshine Coast, as well as in more rural and remote settings such as Roma, Emerald, Mount Isa and Thursday Island. GMT coordinates your placements to match you with a Training Post that suits you.

To find out more please visit www.gmt.edu.au or phone 1300 823 874

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Cairns

Singapore

Townsville