School of Public Health, Tropical Medicine and Rehabilitation Sciences
Anton Breinl Centre

2013 POSTGRADUATE STUDENT HANDBOOK
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JCU has an illustrious record in public health education and research. The Anton Breinl Centre within the School of Public Health, Tropical Medicine and Rehabilitation Sciences boasts one of the largest postgraduate public health training programs in Australia, and was one of a select group of academic institutions funded by the Commonwealth Government to assist in training public health professionals. The School has Commonwealth Supported Student funded places (formerly HECS) for Australian and New Zealand students within the Master of Public Health, Master of Public Health and Tropical Medicine, diploma and postgraduate certificate programs.

The training programs not only cover the core public health competencies, but also offer a particular focus on the challenges facing health professionals working in tropical, rural and remote environments. Special attention is given to the needs of high-risk community groups, including refugee and migrant populations, and Indigenous Australians. Specific elements within the programs are tailored to particular workforce needs. These include: refugee health, disaster health management, travel medicine, tropical marine and diving medicine, infection control, communicable disease control, aeromedical retrieval and more recently, health promotion.

The Anton Breinl Centre also Offers a Number of Unique Awards

The Anton Breinl Centre offers Australia's only Postgraduate Diploma in Tropical Medicine and Hygiene, Postgraduate Certificate in Travel Medicine and Postgraduate Certificate in Disaster and Refugee Health. These programs have achieved particular recognition for excellence from The Australasian College of Tropical Medicine and the World Safety Organization.

Due to popular demand a Postgraduate Certificate of Public Health was introduced in 2009. This postgraduate certificate is an academic award that establishes a basis for public health practice in diverse environments and is a good entry point for those wanting a less demanding public health degree. Upgrading to a MPH or MPHTM is available.

In 2010, a range of health promotion degrees were introduced. The Postgraduate Certificate in Health Promotion, Postgraduate Diploma in Health Promotion and Master of Public Health-Health Promotion will appeal to those currently working or wishing to work in health promotion roles in a range of government and non-government organisations, as well as those who would like to incorporate health promotion into their practice.

Quality Teaching and Research

The Anton Breinl Centre staff have extensive international and Australian research and teaching experience. Many have been recognised with prestigious awards, including the Fred Katz Memorial Medal for international teaching excellence, the Vice-Chancellor's award for excellence in teaching, a CSIRO research medal, a Fulbright Award, and the Australian College of Educators Award. It is fitting that the Anton Breinl Centre, with its historical link to the original Australian Institute of Tropical Medicine established in 1910, should continue to achieve international recognition for high-quality applied and operational research.

Flexibility for Professionals

JCU's Master of Public Health and Tropical Medicine is one of only two such awards offered globally. This flagship course is exceptionally popular with both Australian and international students, with international students forming an increasingly strong part of the student body. Flexible delivery options, including distance education, intensive blocks and limited attendance blocks, enable effective engagement for mid-career health professionals who form the nucleus of the student body. Attendance blocks in Townsville offer students rich opportunities for networking with peers and faculty. These experiences are enriched by the tropical northern Queensland environment with its natural attractions, particularly the Great Barrier Reef and heritage listed rainforests.
CHOOSING THE RIGHT POSTGRADUATE PROGRAM

The Anton Breinl Centre for Public Health and Tropical Medicine has an extensive range of options for health professionals interested in public health, tropical and travel medicine as well as biosecurity, refugee health, disaster management, aeromedical retrieval and health promotion. The programs fall into three general categories:

- Public health coursework programs (including research oriented subjects)
- Clinical coursework programs
- Research degrees and subjects

The descriptions below are designed to assist you in choosing the most suitable program for your requirements. The schedules are flexible and cater to students who work both full-time and part-time.

Note: Commonwealth supported places are available for students, contact the Anton Breinl Centre Senior Postgraduate Officer for further information (contact details are listed on the last page).

Public Health Coursework Programs

If you want a postgraduate degree in public health and have an undergraduate degree plus extensive health experience, consider the following programs:

- Master of Public Health and Tropical Medicine
- Master of Public Health – Aeromedical Retrieval; Biosecurity and Disaster Preparedness; Communicable Disease Control; Health Promotion; Generic
- Master of Public Health-Master of Business Administration
- Postgraduate Diploma of Health Promotion
- Postgraduate Diploma of Public Health and Tropical Medicine
- Postgraduate Certificate of Aeromedical Retrieval
- Postgraduate Certificate of Health Promotion
- Postgraduate Certificate in Disaster and Refugee Health
- Postgraduate Certificate of Public Health

If you already have a Masters degree in public health and would like to progress to a professional doctorate in public health, consider the following program:

- Doctor of Public Health

If you have extensive health experience, but don’t have an undergraduate degree, there are other options to progress to gaining postgraduate qualifications. Contact the Anton Breinl Centre for further information (contact details are listed on the last page).

Public Health Programs with a More Clinical Focus

The following programs are designed for medical or nursing graduates:

- Postgraduate Diploma of Tropical Medicine and Hygiene
- Postgraduate Certificate of Aeromedical Retrieval
- Postgraduate Certificate of Travel Medicine

Programs with a Research Component

If you want to do research as part of your studies, consider the following programs:

- Doctor of Public Health
- Doctor of Philosophy
- Master of Science (Tropical Medical Science)

Research subjects can also be included as electives within the coursework programs.
CHOOSING THE RIGHT POSTGRADUATE PROGRAM – Continued

Teaching Delivery Modes

The Anton Breinl Centre offers its subjects in a variety of teaching modes to enable flexibility for our students with work, family and study commitments.

<table>
<thead>
<tr>
<th>Teaching Delivery Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block Mode</td>
<td>These subjects are taught over 2 weeks face-to-face, in venues in Townsville and Cairns. Block mode subjects allow for free exchange of ideas in a multidisciplinary student environment. This mode is intensive, but worth it. Exams are included in the block. High level fluency in English is required. See timetable for enrolment dates.</td>
</tr>
<tr>
<td>External Mode</td>
<td>These subjects are taught by distance, with study materials mailed to students. There is no face-to-face teaching, but increasing on-line activity (LearnJCU). Enrolment required prior to the Study Period census dates.</td>
</tr>
<tr>
<td>Limited Attendance Mode</td>
<td>These subjects are part external and part mini-block mode. Notes are sent to students prior to the mini-block, and students come together for face-to-face interaction for 3–5 days. Enrolment required prior Study Period census dates.</td>
</tr>
</tbody>
</table>

Coursework Programs and Credit Points

Coursework programs at JCU are based on a system of credit points. For example, a postgraduate certificate comprises 12 credit points (four 3-credit point subjects). Individual postgraduate subjects are usually worth three credit points.

To check the credit point value of a subject, look at the final digit of its code. For example, TM5536:03 Refugee Health is a 3-credit point subject.

Where are the Block Mode Subjects Taught?

Teaching venues for the block mode and limited attendance mode subjects will vary. The majority are offered in Townsville at the Anton Breinl Centre building (DB-42) at the main campus in Douglas. Your subject coordinator will keep you informed of these details.

Please note: all subjects are offered on the basis of minimum student enrolments and for Refugee Health, Disaster Health Management, Clinical Acute Care in the Resource Poor Environment, Clinical Tropical Paediatrics, Essential Care Skills in Aeromedical Retrieval, and Flight Crew Skills in Aeromedical Retrieval are subjects with a quota.

Medals / Excellence is Rewarded

Each year the Anton Breinl Centre for the School of Public Health, Tropical Medicine and Rehabilitation Sciences awards three medals to recognize the performance of our best postgraduate coursework students graduating in the MPH, MPH&TM or Postgraduate Certificate in Travel Medicine in that year. All medals are only awarded if the best student achieves a grade point average of 6.0 or greater.

<table>
<thead>
<tr>
<th>Medal</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTM Medal</td>
<td>This Medal is awarded for the best overall performance in the MPH&amp;TM and is sponsored by The Australasian College of Tropical Medicine.</td>
</tr>
<tr>
<td>Sidney Sax Medal</td>
<td>This Medal is awarded for the best overall performance in the MPH and is sponsored by the Anton Breinl Centre for the School of Public Health and Tropical Medicine and is endorsed by the Sax Family.</td>
</tr>
<tr>
<td>MASTA Medal</td>
<td>This Medal is awarded for outstanding overall achievement in the Postgraduate Certificate of Travel Medicine and is sponsored by the Medical Advisory Service for Travellers Abroad.</td>
</tr>
<tr>
<td>Sarina White Medal</td>
<td>This Medal is awarded for outstanding overall achievement in the Postgraduate Certificate of Infection Control.</td>
</tr>
<tr>
<td>Graduate Distinction</td>
<td>With Distinction may be recommended for students achieving a GPA of 6.0 or above in the MPH or MPH&amp;TM.</td>
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</table>
COURSEWORK PROGRAMS – MASTERS

Master of Public Health and Tropical Medicine

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>MPH&amp;TM</th>
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<tbody>
<tr>
<td>Campus</td>
<td>Townsville</td>
</tr>
<tr>
<td>Code</td>
<td>74204</td>
</tr>
<tr>
<td>Mode</td>
<td>On campus or flexible delivery, full-time or part-time</td>
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<tr>
<td>Duration</td>
<td>1-1.5 years full-time (depending on prior experience)</td>
</tr>
<tr>
<td>Credit Points</td>
<td>36</td>
</tr>
</tbody>
</table>

**Overview**

The Master of Public Health and 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 Islander health and on Australia’s tropical neighbours.

**Entry Requirements**

An appropriate undergraduate degree in a relevant discipline as determined by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences;

Or

A Postgraduate Diploma of Tropical Medicine and Hygiene or a Postgraduate Diploma or Diploma of Public Health and Tropical Medicine, or equivalent;

Or

Evidence of academic and professional experience, including employment for a minimum of five years in a health related field that meets the approval of the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences and the Executive Dean, Faculty of Medicine, Health and Molecular Sciences*.

**Core Subjects**

- TM5501:03 Tropical Medicine
- TM5515:03 Epidemiology for Public Health
- TM5516:03 Biostatistics for Public Health

And either

- TM5513:03 Public Health Management
- TM5563:03 Public Health Leadership and Crisis Management

**Elective Subjects**

Plus 24 credit points from the elective subject options on page 17.

**Course Enquiries**

Anton Breinl Centre Student Officer
Email: AntonBreinl@jcu.edu.au
Tel: (07) 4781 6107

**Credit/Advanced Standing**

Students with entry qualifications equivalent to four years or more of undergraduate or postgraduate study, plus a minimum of five years health-related professional experience considered suitable by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences, may be granted credit in recognition of prior learning up to a maximum of 12 credit points of study.

*Applicants may be required to undertake up to two bridging subjects as determined by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences.
COURSEWORK PROGRAMS – MASTERS

Master of Public Health

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>MPH</th>
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<tbody>
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<td>Campus</td>
<td>Townsville</td>
</tr>
<tr>
<td>Code</td>
<td>74504</td>
</tr>
<tr>
<td>Mode</td>
<td>On campus or flexible delivery, full-time or part-time</td>
</tr>
<tr>
<td>Duration</td>
<td>1-1.5 years full-time (depending on prior experience)</td>
</tr>
<tr>
<td>Credit Points</td>
<td>36</td>
</tr>
</tbody>
</table>

**Overview**
The Master of Public Health enables health professionals to gain postgraduate qualifications in public health. There are four majors available within the Master of Public Health – Generic, Aeromedical Retrieval, Biosecurity and Disaster Preparedness, Communicable Disease Control, and Health Promotion.

**Entry Requirements**
An appropriate undergraduate degree in a relevant discipline as determined by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences;

Or
A Postgraduate Diploma of Public Health and Tropical Medicine at a standard considered suitable by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences;

Or
An equivalent qualification from this or another University approved by the Faculty*;

Or
Evidence of academic and professional experience, including employment for a minimum of five years in a health-related field that meets the approval of the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences and the Executive Dean, Faculty of Medicine, Health and Molecular Sciences*.

**Course Structure**
Students may choose to undertake the more popular generic course of study or may follow an identified major of study that reflects areas of expertise within the School. The course consists of three MPH core subjects (9 credit points) that reflect the latest evidence on required public health competencies and 27 credit points of elective subjects. If a student elects to pursue a major, the course structure will be the three MPH core subjects (9 credit points), three specialisation subjects (9 credit points) and 18 credit points of elective subjects. The majors are: Aeromedical Retrieval, Biosecurity and Disaster Preparedness, Communicable Disease Control and Health Promotion. There is also an opportunity of studying for a Master of Public Health/Master of Business Administration.

**Credit/Advance Standing**
Students with entry qualifications equivalent to four years or more of undergraduate or postgraduate study, plus a minimum of five years health-related professional experience considered suitable by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences, may be granted advanced standing up to a maximum of 12 credit points of study.

**Core Subjects**
TM5515:03 Epidemiology for Public Health
TM5554:03 Theory and Practice of Public Health
Or
TM5528:03 Health Promotion
And either
TM5513:03 Public Health Management
Or
TM5563:03 Public Health Leadership and Crisis Management

**Electives**
Plus 27 credit points from the elective subject options on page 17.

**Course Enquiries**
Anton Breinl Centre Student Officer
Email: AntonBreinl@jcu.edu.au
Tel: (07) 4781 6107

*Applicants may be required to undertake up to two bridging subjects as determined by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Science
COURSEWORK PROGRAMS – MASTERS - Majors

**Master of Public Health – Aeromedical Retrieval**

This major consists of the 3 core subjects, 3 specialisation subjects listed below and 6 elective subjects from the elective subject options on page 17.

**Specialisation Subjects**
- TM5560:03 Foundations of Aeromedical Retrieval
- TM5566:03 Essential Care Skills in Aeromedical Retrieval
- And one of the following:
  - TM5567:03 Flight Crew Skills in Aeromedical Retrieval
  - TM5576:03 Adult Secondary Retrievals
  - TM5577:03 Paediatric and Neonatal Retrievals

**Course Enquiries**
Anton Breinl Centre Student Officer
Tel: (07) 4781 6107
Email: AntonBreinl@jcu.edu.au

**Master of Public Health – Biosecurity and Disaster Preparedness**

This major consists of the 3 core subjects, 3 specialisation subjects listed below and 6 elective subjects from the elective subject options on page 17.

**Specialisation Subjects**
- TM5525:03 Communicable Disease Control
- TM5536:03 Refugee Health
- TM5552:03 International Health Agencies and Development
- TM5557:03 Disaster Health Management
- TM5560:03 Foundations of Aeromedical Retrieval
- TM5578:03 Emerging Public Health Threats

**Course Enquiries**
Anton Breinl Centre Student Officer
Tel: (07) 4781 6107
Email: AntonBreinl@jcu.edu.au

**Master of Public Health – Communicable Diseases**

This major consists of the 3 core subjects, 3 specialisation subjects listed below and 6 elective subjects from the elective subject options on page 17.

**Select 3 Specialisation Subjects**
- TM5501:03 Tropical Medicine
- TM5503:03 Human Parasitology
- TM5518:03 Medical Entomology
- TM5525:03 Communicable Disease Control
- TM5578:03 Emerging Public Health Threats

**Course Enquiries**
Anton Breinl Centre Student Officer
Tel: (07) 4781 6107
Email: AntonBreinl@jcu.edu.au

**Master of Public Health – Health Promotion**

This major consists of the 3 core subjects, 3 specialisation subjects listed below and 6 elective subjects from the elective subject options on page 17.

**Select 3 Specialisation Subjects**
- TM5568:03 Health Promotion Needs Assessment and Planning
- TM5569:03 Health Promotion Strategies and Methods
- TM5570:03 Health Promotion Research and Evaluation

**Course Coordinator**
Sue Devine
Tel: (07) 4781 6110
Email: sue.devine@jcu.edu.au

**Master of Public Health – Generic**

This major consists of the 3 core subjects, and 9 elective subjects from the elective subject options on page 17.

**Course Enquiries**
Anton Breinl Centre Student Officer
Email: AntonBreinl@jcu.edu.au
Tel: (07) 4781 6107
COURSEWORK PROGRAMS – MASTERS - Majors

Master of Public Health – Master of Business Administration

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>MPH/MBA</th>
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<tr>
<td>Campus</td>
<td>Townsville</td>
</tr>
<tr>
<td>Code</td>
<td>74504</td>
</tr>
<tr>
<td>Mode</td>
<td>On campus or flexible delivery, full-time or part-time</td>
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<tr>
<td>Duration</td>
<td>2 years full-time (depending on prior experience)</td>
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<tr>
<td>Credit Points</td>
<td>48</td>
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</tbody>
</table>

Overview
This joint Masters between the SPHTMRS and School of Business has been designed to enable health professionals to gain advanced management skills while undertaking further study in their area of specialisation. The program aims to develop knowledge and skills.

Entry Requirements
Applicants must meet the entry requirements for both the Master of Public Health and the Master of Business Administration. Each School oversees its respective subjects.

MPH Component
Core Subjects
- TM5515:03 Epidemiology for Public Health
- TM5526:03 Public Health Economics
- TM5541:03 Managing Effective Health Programs
- TM5554:03 Theory and Practice of Public Health

And either
- TM5513:03 Public Health Management
- TM5563:03 Public Health Leadership and Crisis Management

Elective Subjects
Plus 9 credit points of elective subject options on page 17.

MBA component
Students must successfully complete 24 credit points (8 subjects) from the following list:
- LB5002:03 Data Management and Information Technology
- LB5003:03 Economics for Managers
- LB5004:03 Business and the Law
- LB5201:03 Business: A Global Perspective
- LB5202:03 Marketing and Innovation
- LB5203:03 Sustainable Enterprise
- LB5204:03 Globalisation, Governance and the State
- LB5205:03 Human Relations in the Workplace
- LB5206:03 Competitive Strategy
- LB5207:03 Entrepreneurship and Risk Management
- LB5208:03 Managing Contemporary Organisations
- LB5209:03 Managing Globally
- LB5211:03 Finance for Managers
- LB5212:03 Accounting for Managers

Or
Other LB subjects elected or directed subjects approved by Executive Dean of the Faculty of Law, Business and the Creative Arts

Course Enquiries
MPH Component
Anton Breinl Centre Student Officer
Email: AntonBreinl@jcu.edu.au
Tel: (07) 4781 6107

MBA Component
Tel (07) 4781 5854
Email: MBAEnquiriesTownsville@jcu.edu.au
COURSEWORK PROGRAMS – Diploma

**Postgraduate Diploma in Health Promotion**

**Abbreviation**  
PGDipHlthProm

**Campus**  
Townsville

**Code**  
103007

**Mode**  
On campus or flexible delivery, full-time or part-time

**Duration**  
1 year full-time

**Credit Points**  
24

**Overview**  
This course will appeal to those wishing to or currently working in health promotion roles in a range of government and non-government organisations as well as those who would like to incorporate health promotion into their practice.

**Entry requirements**  
An undergraduate degree from a recognised higher education institution or equivalent work experience which will be considered on a case-by-case basis.

**Course Structure**  
Students will be required to complete 6 core subjects:

- TM5515:03 Epidemiology for Public Health
- TM5528:03 Health Promotion
- TM5568:03 Health Promotion Needs Assessment and Planning
- TM5559:03 Health Promotion Strategies and Methods
- TM5570:03 Health Promotion Research and Evaluation
- Or
  - TM5513:03 Public Health Management
  - TM5563:03 Public Health Leadership and Crisis Management

**Elective Subjects**  
Plus 6 credit points from the elective subject options on page 17.

**Course Enquiries**  
Sue Devine  
Tel: (07) 4781 6110  
Email: sue.devine@jcu.edu.au

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**Postgraduate Diploma of Public Health and Tropical Medicine**

**Abbreviation**  
PGDipPH&TM

**Campus**  
Townsville

**Code**  
73707

**Mode**  
On campus or flexible delivery, full-time or part-time

**Duration**  
1 year full-time

**Credit Points**  
24

**Overview**  
The Postgraduate of Public Health and Tropical Medicine is designed for people who would prefer postgraduate diploma level studies, or who do not have the entry requirements for the Master program. The aim is to create an integrated network of academic opportunities for a range of public health professionals.

**Entry Requirements**  
An appropriate undergraduate medical, dental, nursing or veterinary science degree from an approved school;  
Or  
An appropriate undergraduate degree in a relevant discipline and at least two years of suitable experience as determined by the Head of School of Public Health, Tropical Medicine and Rehabilitation Sciences.

**Course Structure**  
Students must successfully complete three core subjects (9 credit points) and 15 credit points of elective subjects.

**Core Subjects**  
Students will be required to complete 3 subjects from the following (9 credit points)  
- TM5501:03 Tropical Medicine  
- TM5513:03 Public Health Management  
- TM5514:03 Environmental Health  
- TM5515:03 Epidemiology for Public Health  
- TM5563:03 Public Health Leadership and Crisis Management

**Elective Subjects**  
Plus 15 credit points from the elective subject options on page 17.

**Course Enquiries**  
Anton Breinl Centre Student Officer  
Email: AntonBreinl@jcu.edu.au  
Tel: (07) 4781 6107
COURSEWORK PROGRAMS – Diploma

Postgraduate Diploma of Tropical Medicine and Hygiene

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>PGDipTM&amp;H (DTM&amp;H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus</td>
<td>Townsville</td>
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<tr>
<td>Code</td>
<td>73807</td>
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<tr>
<td>Mode</td>
<td>On campus or flexible delivery, full-time or part-time</td>
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<tr>
<td>Duration</td>
<td>1 year full-time</td>
</tr>
<tr>
<td>Credit Points</td>
<td>24</td>
</tr>
</tbody>
</table>

**Overview**

This Postgraduate Diploma of Tropical Medicine and Hygiene is offered to medical practitioners and to nurse practitioners. It enables doctors to undertake advanced studies in the health and medical issues facing tropical Australia, the Western Pacific and Southeast Asia.

**Entry requirements**

A medical degree from an approved medical school

Or

Other qualifications deemed equivalent by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences.

**Course Structure**

Students are required to successfully complete the four core subjects (12 credit points) and 12 credit points of elective subjects.

**Core Subjects**

- TM5501:03 Tropical Medicine
- TM5502:03 Tropical Public Health
- TM5503:03 Human Parasitology
- TM5515:03 Epidemiology for Public Health

**Elective Subjects**

Plus 12 credit points from the elective subject options on page 17.

**Course Enquiries**

Anton Breinl Centre Student Officer
Email: AntonBreinl@jcu.edu.au
Tel: (07) 4781 6107
COURSEWORK PROGRAMS – Certificate

Postgraduate Certificate of Aeromedical Retrieval

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>PGCertAeroMedRet</th>
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<td>Campus</td>
<td>Townsville</td>
</tr>
<tr>
<td>Code</td>
<td>76511</td>
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<tr>
<td>Mode</td>
<td>On campus or flexible delivery, full-time or part-time</td>
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<tr>
<td>Duration</td>
<td>6 months full-time</td>
</tr>
<tr>
<td>Credit Points</td>
<td>12</td>
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</tbody>
</table>

**Overview**

Aeromedical retrieval 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 degree is particularly relevant to emergency physicians, ships’ doctors, flight nurses and paramedics.

**Entry requirements**

Qualified for a medical or nursing degree or recognised professional qualification approved by the Faculty of Medicine, Health and Molecular Sciences,

Or

Qualified for a Bachelor degree in a relevant discipline as determined by the Head of School of Public Health, Tropical Medicine and Rehabilitation Sciences.

**Course Structure**

Students must successfully complete the three core subjects and one elective subject.

**Core Subjects**

- TM5560:03 Foundations of Aeromedical Retrieval
- TM5566:03 Essential Care Skills in Aeromedical Retrieval
- And one of the following:
  - TM5567:03 Flight Crew Skills in Aeromedical Retrieval
  - TM5576:03 Adult Secondary Retrievals
  - TM5577:03 Paediatric and Neonatal Retrievals

**Elective Subjects**

Select one subject from subjects on page 17.

**Course Enquiries**

Anton Breinl Centre Student Officer
Email: AntonBreinl@jcu.edu.au
Tel: (07) 4781 6107

Postgraduate Certificate of Disaster and Refugee Health

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>PGCertDisasRefugHlth</th>
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<td>Campus</td>
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<td>Code</td>
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<tr>
<td>Mode</td>
<td>On campus or flexible delivery, full-time or part-time</td>
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<td>Duration</td>
<td>6 months full-time</td>
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<td>Credit Points</td>
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</table>

**Overview**

The Postgraduate Certificate in Disaster and Refugee Health will provide students with core and elective training centred on working in the field of disaster and refugee health. This graduate certificate has a rural and remote focus while still dealing with urban disaster and refugee health issues.

**Entry requirements**

An appropriate medical or nursing degree from an approved school,

Or

A recognised professional qualification approved by the Head of School of Public Health, Tropical Medicine and Rehabilitation Science and the Executive Dean of the Faculty of Medicine, Health and Molecular Sciences.

Or

An appropriate undergraduate degree in a relevant discipline as determined by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences.

**Course Structure**

Students must successfully complete the two core subjects (6 credit points) and 6 credit points of elective subjects.

**Core Subjects**

- TM5536:03 Refugee Health
- TM5557:03 Disaster Health Management

**Elective Subjects**

Plus 6 credit points from the elective subjects on page 17.

**Course Enquiries**

Sandra Downing
Email: sandra.downing@jcu.edu.au
Tel: (07) 4042 1672
COURSEWORK PROGRAMS – Certificate

Postgraduate Certificate in Health Promotion

Abbreviation: PGCertHlthProm
Campus: Townsville
Code: 103011
Mode: On campus or flexible delivery, full-time or part-time
Duration: 1 year part-time
Credit Points: 12

Overview
This course will appeal to those wishing to or currently working in health promotion roles in a range of government and non-government organisations as well as those who would like to incorporate health promotion into their practice.

Entry requirements
An undergraduate degree from a recognised higher education institution or equivalent work experience which will be considered on a case-by-case basis.

Course Structure
Students are required to successfully complete four core subjects (12 credit points).

Core Subjects
- TM5528:03 Health Promotion
- TM5568:03 Health Promotion Needs Assessment and Planning
- TM5569:03 Health Promotion Strategies and Methods
- TM5570:03 Health Promotion Research and Evaluation

Course Enquiries
Sue Devine
Email: sue.devine@jcu.edu.au
Tel: (07) 4781 6110

Postgraduate Certificate Public Health

Abbreviation: PGCertPH
Campus: Townsville
Code: 101811
Mode: On campus or flexible delivery, full-time or part-time
Duration: 6 months full-time
Credit Points: 12

Overview
The Postgraduate Certificate of Public Health is an academic award that establishes a basis for public health practice in diverse environments.

Entry requirements
A person may enrol for the Postgraduate Certificate of Public Health if that person has: Qualified for a medical or nursing degree or recognised professional qualification approved by the faculty; or qualified for a Bachelor degree in a relevant discipline as determined by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences.

Course Structure
Students must successfully complete 3 core subjects plus 1 elective.

Core Subjects
- TM5515:03 Epidemiology for Public Health
- TM5513:03 Public Health Management
- Or
- TM5525:03 Communicable Disease Control
- TM5528:03 Health Promotion
- TM5540:03 Occupational Health
- TM5554:03 Theory and Practice of Public Health
- TM5563:03 Public Health Leadership and Crisis Management

Elective Subjects
Plus 3 credit points elective subject page 17

Course Enquiries
Anton Breinl Centre Student Officer
Email: AntonBreinl@jcu.edu.au
Tel: (07) 4781 6107
# COURSEWORK PROGRAMS – Certificates

## Postgraduate Certificate of Travel Medicine

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>PGCertTravMed</th>
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<tr>
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<td>Code</td>
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<td>Mode</td>
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<tr>
<td>Credit Points</td>
<td>12</td>
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</table>

### Overview

The Postgraduate Certificate of Travel Medicine is available for those entering into or working in the field of travel medicine. It is designed to provide both academic and practical training in the discipline of travel medicine. This course will be of particular interest to those providing travel health advice. Accredited as an approved qualification by the Faculty of Travel Medicine of the Australasian College of Tropical Medicine for Fellowship Program.

### Entry requirements

An appropriate medical or nursing degree from an approved school;

Or

An appropriate undergraduate degree and at least two years of suitable experience approved by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences and the Executive Dean, Faculty of Medicine, Health and Molecular Science.

Students must also be active in a travel medicine practice. They are required to log and analyse 100 cases or more together with developing a practice protocol. Please contact the course coordinator for further information.

### Course Structure

Students are required to successfully complete the two core subjects (6 credit points) and 6 credit points of elective subjects from the list below. Other subjects may be chosen, with the approval of the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences.

#### Core Subjects

- TM5501:03 Tropical Medicine
- TM5512:03 Travel Medicine

#### Plus one of the following:

- TM5508:03 Diving and Marine Medicine
- TM5560:03 Foundations of Aeromedical Retrieval
- TM5581:03 Expedition and Wilderness Medicine

#### Elective Subjects

Plus 3 credit points from the elective page 17

### Course Enquiries

Anton Breinl Centre Student Officer

Email: AntonBreinl@jcu.edu.au

Tel: (07) 4781 6107

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**Please Note:** (A candidate who has not completed the subject TM5501 Tropical Medicine as per the specified program, or equivalent subject at another institution shall be required by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences to take this subject as an elective subject).
RESEARCH PROGRAMS

Doctor of Public Health

<table>
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<th>Abbreviation</th>
<th>DrPH</th>
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<tr>
<td>Campus</td>
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<td>Code</td>
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<tr>
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<tr>
<td>Duration</td>
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<td>Credit Points</td>
<td>72</td>
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**Overview**

The Doctor of Public Health is a professional doctorate for graduates with professional experience in a range of public health areas. The research component comprises two-thirds of the program and takes the form of a supervised research project, culminating in the submission of a thesis that makes a significant contribution to public health.

**Entry Requirements**

Professional experience in a relevant health-related area for a minimum of five years;

And

An appropriate undergraduate degree with first or second class (Division A) Honours, approved by the Board of Postgraduate Studies (BPS) on the advice of the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences;

Or

A Master of Public Health and Tropical Medicine or Master of Public Health;

Or

A Masters degree in a public health field at a standard and of a nature considered appropriate by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences;

Or

Other qualifications and experience considered equivalent by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences.

A candidate’s course of study shall be subject to approval by the Board of Postgraduate Studies upon the recommendation of the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences, for each year of candidature.

**Course Structure**

Students must successfully complete the subjects as shown below.

**Core Subjects**

PD7219:48 Research Thesis
TM6015:06 Doctoral Conference Presentations

**Electives**

Select the balance of elective study units from the following:

TM6016:06 Doctoral Specialisation I
TM6017:06 Doctoral Specialisation II
TM6018:06 Doctoral Project I
TM6019:06 Doctoral Project II
TM6020:06 Doctoral Project III
TM6021:03 Literature Review

Or one of the following:

TM6013:06 Doctoral Attachment
TM6014:09 Extended Doctoral Attachment

A maximum of 12 credit points of Masters level coursework subjects may be included (provided these credit points have not also been credited towards another award) as approved by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences.

Applicants will need, in the first instance, to discuss their proposal research topic with the course coordinator.

**Enquiries**

Sue Devine (Academic Advisor)
Email: sue.devine@jcu.edu.au
Tel: (07) 4781 6110
## RESEARCH PROGRAMS

### Master of Science

<table>
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<td>Credit Points</td>
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**Overview**

From 2013, the School of Public Health, Tropical Medicine and Rehabilitation Sciences will be offering MSc degrees, with various options for specialisation. This is a research Master’s degree and offers graduates an opportunity to advance their expertise in either Tropical Medicine MSc (TMSc), Tropical Health MSc(TH) or Public Health and Tropical Medicine MSc(PH&TM)\(^1\). Students must successfully complete a supervised thesis that comprises two-thirds of the course (24 credit points), and four coursework subjects (total of 12 credit points). This is the recommended pathway into a PhD or Doctor of Public Health degree for students who may not have appropriate experience in research. Australian citizens may be eligible for a Research Training Scheme place supported by the Commonwealth Government.

**Entry Requirements**

An appropriate undergraduate degree (with Honours) in a relevant discipline as determined by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences

OR

Postgraduate Diploma of Public Health and Tropical Medicine at a standard considered suitable by the Head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences

OR

An equivalent qualification from this or another University approved by the Faculty\(^2\)

OR

Evidence of academic and professional experience that meets the approval of the Head School of Public Health, Tropical Medicine and Rehabilitation Sciences

**Course Structure**

Students must complete a dissertation on a topic that is relevant to Public Health and Tropical Medicine (24 credit points), as well as four subjects from the following core and specialist elective subjects.

**Core Subjects**

- TM5516:03 Biostatistics for Public Health
- TM5515:03 Epidemiology for Public Health

**MSc(TMSc) Electives**

- TM5501:03 Tropical Medicine
- Or
- TM5502:03 Tropical Public Health

**Plus two of the following:**

- TM5503:03 Human Parasitology
- TM5518:03 Medical Entomology

**MSc(PH&TM) Electives**

- TM5501:03 Tropical Medicine
- Or
- TM5502:03 Tropical Public Health

**Plus one of the following:**

- TM5513:03 Public Health Management
- TM5554:03 Theory and Practice of Public Health
- TM5563:03 Public Health Leadership and Crisis Management

**MSc(TH) Electives**

- TM5501:03 Tropical Medicine
- Or
- TM5502:03 Tropical Public Health

**Plus one of the following:**

- TM5002:03 Infectious Diseases
- TM5503:03 Human Parasitology
- TM5518:03 Medical Entomology
- TM5525:03 Communicable Disease Control
- TM5536:03 Refugee Health
- TM5557:03 Disaster Health Management

**Note:** The above course structures are recommendations. Alternative electives may be negotiated with the Course Coordinator, Head of Discipline and Supervisors. All coursework subjects are worth 3 credit points.

**Enquiries**

Kerrianne Watt (Director of Research Training)

Email: Kerrianne.Watt@jcu.edu.au

Tel: (07) 4781 6097

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\(^1\) Students will be awarded the qualification “MSc”. The specialisation stream will be reflected in the academic transcript but not the award.

\(^2\) Applicants may be required to complete up to two bridging subjects as determined by the Head of School of Public Health, Tropical Medicine and Rehabilitation Sciences.
Doctor of Philosophy

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<td>Campus</td>
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</table>

**Overview**

The Doctor of Philosophy is a program of supervised original research. It culminates in the submission of a thesis that makes a significant and original contribution to the knowledge and understanding of the field of study. Further information on PhD is available at [www.jcu.edu.au/office/grs/](http://www.jcu.edu.au/office/grs/)

**Entry Requirements**

- An appropriate undergraduate degree with first or second class (Division A) Honours or other qualifications deemed equivalent;
- Or
  - An appropriate Masters degree with at least a 50 percent research component, or equivalent;
  - Or
    - Enrolment of not less than one year full time or two years part time in a Masters degree by research.
  - Or
    - A Masters degree without the minimum 50 percent research; component plus relevant research experience may be considered.

Note: Applicants will need, in the first instance, to discuss their proposed research topic with the course coordinator.

**Enquiries**

Prof Peter Leggat
Email: Peter.Leggat@jcu.edu.au
Tel: (07) 4781 6108
<table>
<thead>
<tr>
<th>SUBJECT LIST</th>
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<tbody>
<tr>
<td>Aboriginal and Torres Strait Islander Health</td>
<td>TM5510:03</td>
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<tr>
<td>Acute Care in the Resource Poor Environment</td>
<td>TM5564:03</td>
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<td>Adult Secondary Retrievals</td>
<td>TM5576:03</td>
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<td>Biostatistics for Public Health</td>
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<td>Environmental Health</td>
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<td>Social Science in Public Health</td>
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* Pre-requisite subject for TM5542:03
# These subjects have a quota

**Note:** subjects are offered based on minimum student enrolments and if minimum is not reached, subject will be cancelled.
SUBJECT DESCRIPTION

Aboriginal and Torres Strait Islander Health TM5510:03
This subject is facilitated by Aboriginal academics and is designed to provide a detailed examination of the issues and circumstances that affect the health of Aboriginal and Torres Strait Islander people today, the issues which need to be addressed in order to achieve meaningful improvements in the health of Australia’s Indigenous people, and strategies that assist in “closing the gap”.
Course Coordinator: Melody Muscat
Tel: 07 4042 1537 Email: melody.muscat@jcu.edu.au

Acute Care in the Resource Poor Environment TM5564:03
This subject provides students with an overview of the knowledge, skills and attitudes required for the successful provision of acute care in a resource poor environment. The subject would encompass the full spectrum of care provided, from prior program planning and personal preparation through to recognition of problems and alternatives and how difficulties may be avoided, accepted or overcome. This subject is a pre-requisite for the newly developed subject TM5574, Clinical Acute Care which will be held for the first time in Arusha, Tanzania in 2013.
Course Coordinator: David Symmons
Tel: 07 4781 6107 Email: AntonBreinl@jcu.edu.au

Adult Secondary Retrievals TM5576:03
This subject provides students with the knowledge required to successfully provide clinical care in the adult secondary (interfacility) retrieval setting. Basic principles of interfacility care will be reviewed. Specific areas of clinical care likely to be encountered in the secondary retrievals environment will be examined in detail.
Course Coordinators: Peter Aitken / Anita Robertson / Stefan Mazur
Tel: 07 4781 4390 Email: anita.robertson@jcu.edu.au

Biostatistics for Public Health TM5516:03
Successful public health practice depends on intelligent use of biostatistics! This subject covers the basic technical skills necessary for analysing data at a descriptive and bivariate level. Numeracy skills are essential to succeed in this challenging subject.
Course coordinators: Petra Buttner / Reinhold Muller
Tel: 07 4096 8005 Email: petra.buttner@jcu.edu.au
Tel: 07 4781 5899 Email: reinhold.muller@jcu.edu.au

Clinical Acute Care in the Resource Poor Environment TM5574:03 (suspended for 2013)
This subject has been developed in order to consolidate the teaching from TM5564 by providing 2 weeks of observation in health facilities in a resource poor setting. It will be held in Arusha, Tanzania, in collaboration with Arusha Lutheran Medical Centre. ALMC looks after a number of smaller health facilities in the area and it is anticipated that the students would spend the majority of their time at the smaller less well resourced health facilities where they would observe firsthand the issues faced in providing health care in a low resource setting and the spectrum of disease seen in this setting.
Course coordinator: David Symmons
Tel: 07 4781 6107 Email: AntonBreinl@jcu.edu.au

Clinical Travel Medicine TM5542:03
This subject requires students to undertake clinical practice in travel medicine in a range of possible practical situations, typically, but not exclusively, a travel medicine clinic. It provides an opportunity to review core knowledge in travel medicine in the clinical context, in addition to the development of skills and knowledge in the area of clinical travel medicine. Students complete a practice profile of the travel medicine component of their clinic, as well as a log book of cases from their practice. TM5512:03 is a pre-requisite.
Course coordinators: Peter Leggat / Marc Shaw
Tel: 07 4781 6108 Email: peter.leggat@jcu.edu.au

Clinical Tropical Paediatrics TM5559:03
This subject will be offered off-shore in a tropical developing country in paediatric hospital settings. Students will undertake the subject as a group, and will be accompanied by subject coordinators. The subject content will deal with a range of clinical and public health issues. Structure will include a mix of work in hospital wards and associated rural clinics with tutorials. Local health personnel will be used to provide accurate information on local knowledge, practices, attitudes and challenges.
Course coordinator: John Whitehall
Tel: 07 4781 6107 Email: AntonBreinl@jcu.edu.au
### Communicable Disease Control TM5525:03
Communicable Disease Control is the area of public health with the greatest number of successes, but also a number of key failures. Multiple Australian and international historical and current examples, including bioterrorism, are dissected to provide an in-depth understanding of this fascinating subject.

**Course coordinators:** Jeffrey Hanna / Peter Leggat  
**Tel:** 07 4781 6107  
**Email:** jeffrey.hanna@jcu.edu.au

### Disaster Health Management TM5557:03
This subject is designed to provide students with the knowledge and skills required to successfully manage disasters in Australia and the global context.

**Course coordinators:** Peter Leggat / Peter Aitken / Jon Hodge  
**Tel:** 07 4781 6108  
**Email:** peter.leggat@jcu.edu.au

### Dissertation I TM5549:06
An opportunity for students to embark on a public health research project which, will have as an outcome, a research report at a standard acceptable to a peer-reviewed journal.

**Course coordinators:** Reinhold Muller / Petra Buttner  
**Tel:** 07 4781 5899  
**Email:** reinhold.muller@jcu.edu.au  
**Tel:** 07 4096 8005  
**Email:** petra.buttner@jcu.edu.au

### Dissertation II TM5310:09
In this subject students are given the opportunity of completing a research project, where the outcome is a dissertation, which may be partly or wholly by published work.

**Course coordinators:** Reinhold Muller / Petra Buttner  
**Tel:** 07 4781 5899  
**Email:** reinhold.muller@jcu.edu.au  
**Tel:** 07 4096 8005  
**Email:** petra.buttner@jcu.edu.au

### Diving and Marine Medicine TM5508:03 (held next in 2013)
This exciting subject provides the basic principles of underwater and hyperbaric medicine. A series of lectures, demonstrations and practical sessions highlight the importance of taking an accurate diving history, performing a comprehensive diving medical examination, and management of decompression sickness, near drowning, hypothermia, sinus and ear barotrauma. Other topics covered include diving equipment, gases, physiology, diving hazards and diving techniques. The hyperbaric unit located at The Townsville Hospital is used for practical aspects of this subject.

**Course coordinators:** Peter Leggat / Geoff Gordan  
**Tel:** 07 4781 6108  
**Email:** peter.leggat@jcu.edu.au

### Emerging Public Health Threats TM5578:03 (suspended for 2013)
This subject allows students to develop a broad and critical conceptual and practical understanding of the unique challenges involved with the management and leadership of emerging public health threats. This subject will provide a platform for discussing current and emerging public health threats with a specific focus on discussing the unique clinical and logistic challenges involved with the management of a range of emerging public health threats.

**Course coordinator:** TBA

### Essential Care Skills in Aeromedical Retrieval TM5566:03
This subject provides students with the knowledge and skills to successfully provide clinical care in the aeromedical retrieval environment. Basic principles of aeromedical care will be reviewed and form the contextual environment for the subject. This will cross the spectrum of care from initial patient management, whether that is pre hospital or at the bedside in the referring hospital through to inflight care and the handover process at the end of the mission.

**Course coordinators:** Peter Aitken / Anita Robertson / Stefan Mazur  
**Tel:** 07 4781 4390  
**Email:** anita.robertson@jcu.edu.au

### Environmental Health TM5514:03
We are witnessing large-scale human impact on our atmospheric, terrestrial and marine ecosystems, and evidence suggests serious and worsening consequences. This multidisciplinary subject provides an understanding of the relationship between human health and the environment essential for public health practitioners.

**Course coordinators:** David Sellars / Peter Leggat  
**Tel:** 0405 108 591  
**Email:** david.sellars@jcu.edu.au
**Epidemiology for Public Health TM5515:03**
This subject provides students with a fundamental understanding of the principles of epidemiology. Epidemiological publications will be critically assessed, and students are equipped to apply appropriate study designs to research questions.

**Course coordinators:** Petra Buttner / Reinhold Muller
Tel: 07 4096 8005  Email: petra.buttner@jcu.edu.au
Tel: 07 4781 5899  Email: reinhold.muller@jcu.edu.au

**Expedition and Wilderness Medicine TM5581:03**
This subject involves maintaining the physical and psychological health of those undertaking expeditions or venturing into wilderness areas. The minimisation of disease and trauma by expeditioners is promoted by proper planning, preventive measures (health advice, immunisation and prophylaxis), and acquisition of relevant medical and practical skills for dealing with various expedition and wilderness environments. These environments include high altitude, mountain, remote, polar, diving, jungle and desert area.

**Course coordinators:** Marc Shaw / Peter Leggat
Tel: 07 4781 6107  Email: peter.leggat@jcu.edu.au

**Flight Crew Skills in Aeromedical Retrieval TM5567:03**
This subject provides students with the knowledge and skills to successfully participate in aeromedical retrievals as a health based member of the flight crew. Basic principles of flight safety and crew resource management require all members of the team, health care providers included, to be fully cognisant of safety issues and be competent in procedures related to both personal and crew safety. Health care members of retrieval teams need to competent in these aspects of flight safety for not just their own personal safety, but also to be able to contribute as a member of the team and provide care for their patient in all situations.

**Course coordinators:** Peter Aitken / Anita Robertson / Stefan Mazur
Tel: 07 4781 4390  Email: anita.robertson@jcu.edu.au

**Foundations of Aeromedical Retrieval TM5560:03**
Aeromedical retrieval is concerned primarily with the transport of patients via a properly managed aeromedical evacuation system. This subject 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. It includes examination of models of aeromedical care, aircraft characteristics and flight specific problems, aircraft and flight safety, medical equipment and clinical care in the aeromedical environment, co-ordination of aeromedical retrievals, legislation and insurance and special issues associated with international aeromedical retrievals.

**Course Coordinators:** Peter Aitken / Anita Robertson / Stefan Mazur
Tel: 07 4781 4390  Email: anita.robertson@jcu.edu.au

**Health and Human Rights TM5579:03 (suspended for 2013)**
This course explores the inter-relationship between human rights and health. The subject has applicability for both health providers in both developing and developed settings. The subject will focus on: Human rights history and origins; Key human rights framework documents; The relationship between human rights and ethics; Human rights infringements and the role of health workers; Working with marginalised and subordinated populations, taboo issues and stigmatised conditions.

**Course coordinator:** TBA
Tel: 07 4781 6107  Email: AntonBreinl@jcu.edu.au

**Health Promotion TM5528:03**
Past students from all health disciplines give outstanding reviews for this subject, which for many was their introduction to the enormous potential offered by various health promotion approaches to positively influence communities’ knowledge and behaviour.

**Course coordinator:** Sue Devine
Tel: 07 4781 6110  Email: sue.devine@jcu.edu.au

**Health Promotion Needs Assessment and Planning TM5568:03**
This subject will introduce students to the underlying principles of conducting needs assessments and planning health promotion programs. This will include an introduction to theoretical models that allow problems identified during a needs assessment to be examined in more detail to ensure the development of appropriate responses to health issues. Content will cover all key planning steps including the development of goals and objectives, and consideration of evaluation, budgeting and sustainability.

**Course coordinator:** Tammy Allen
Tel: 07 4042 1218  Email: tammy.allen1@jcu.edu.au
Health Promotion Research and Evaluation TM5570:03
This subject will introduce students to the role of research and evaluation in health promotion and will develop their skills in undertaking health promotion research and program evaluation. Students will be introduced to the key concepts and approaches to health promotion research and evaluation and to the methods that can be used. The subject will also develop students' skills in understanding and assessing the quality of published health promotion research.
Course coordinator: Sue Devine
Tel: 07 4781 6110 Email: sue.devine@jcu.edu.au

Health Promotion Strategies and Methods TM5569:03
This subject will introduce students to the broad range of health promotion strategies and methods that can be used to address health related problems at an individual, group and population level. Theories and models of behaviour change will be introduced and approaches that go across the continuum of health promotion interventions will be discussed. Content will include educational approaches, community development and engagement processes, partnerships, social marketing, capacity building, policy development and approaches that create supportive environments.
Course coordinator: Tammy Allen
Tel: 07 4042 1218 Email: tammy.allen1@jcu.edu.au

Human Parasitology TM5503:03
This is the only postgraduate subject of its type in Australia and is especially recommended for health practitioners practicing in Indigenous communities in Australia and in developing countries. The approach is practical and includes clinical, laboratory and public health issues.
Course coordinators: Nick Smith / Alex Loukas
Tel: 07 4042 1315 Email: nicholas.smith@jcu.edu
Email: alex.loukas@jcu.edu.au

Injury Prevention and Safety Promotion TM5573:03
This subject introduces you to the area of Injury Prevention and Safety Promotion and explores theories and practical approaches which are be used to prevent or reduce the morbidity and mortality associated with injuries. At the end of the subject you will be able to develop, implement, monitor and evaluate your own injury prevention interventions. You will have the opportunity to explore risk factors, strategies (including policy, media, behavioural and engineering solutions), as well as exploring specific areas such as child safety, drowning, farm safety, falls, alcohol and drugs and road safety from an international, national, regional and local perspective.
Course coordinators: Richard Franklin / Peter Leggat
Tel: 07 4781 5939 Email: richard.franklin@jcu.edu.au

International Health Agencies and Development TM5552:03
Students will be provided with information and skills in relation to designing and delivering health services in the developing country context in accordance with stated policies and frameworks of donor countries and international organisations.
Course coordinator: Alan Hauquitz
Tel: 07 4781 6106 Email: alan.hauquitz@jcu.edu.au

Managing Effective Health Programs TM5541:03
This popular external subject provides practical measures and techniques for enhancing the efficiency and effectiveness of primary health care programs for addressing community health needs.
Course coordinator: Sue Devine
Tel: 07 4781 6110 Email: sue.devine@jcu.edu.au

Medical Entomology TM5518:03
Arthropod vectors, such as mosquitoes, flies and ticks, transmit diseases to one billion people each year, with associated mortality of many millions of people. Eradication and control efforts have succeeded to some degree but many diseases are emerging or re-emerging on a global scale. Successful public health practice in the future will demand an increased understanding of the relationship between human health and arthropod vectors.
Course coordinators: Tammy Allen / Scott Ritchie / Tom Burkot
Tel: 07 4042 1218 Email: tammy.allen1@jcu.edu.au
Paediatric and Neonatal Retrievals TM5577:03
This subject provides students with the knowledge required to successfully provide clinical care in the adult secondary (interfacility) retrieval setting. Basic principles of interfacility care will be reviewed. Specific areas of clinical care likely to be encountered in the secondary retrieval environment will be examined.

Course coordinator: Peter Aitken / Anita Robertson / Stefan Mazur
Tel: 07 4781 4390 Email: anita.robertson@jcu.edu.au

Project TM5527:03
An opportunity for students to embark on a public health research project which, will have as an outcome, a research report at a standard acceptable to a peer-reviewed journal.

Course coordinators: Reinhold Muller / Petra Buttner
Tel: 07 4781 5899 Email: reinhold.muller@jcu.edu.au
Tel: 07 4096 8005 Email: petra.buttner@jcu.edu.au

Public Health and Workplace TM5540:03
This subject focuses on the practice of occupational health within national and international frameworks. It explores the impact of the occupational environment on health, including public health, and reviews various occupational health hazards in industry. Possible strategies for the management of occupational health issues are also examined.

Course coordinators: Richard Franklin / Gary Williams / Peter Leggat
Tel: 07 4781 5939 Email: richard.franklin@jcu.edu.au

Public Health Economics TM5526:03
This subject includes an introduction to economic principles as they apply to health systems. The principles discussed include concepts of supply and demand in free market/oligopoly and monopoly environments. Utility theory, elasticity, cost theory, the demand for health services, and market failure are also covered. Special topics vary by year and have addressed health insurance, case mix, economic evaluation, allocation of resources, and expenditure for Indigenous health services.

Course coordinator: Alan Hauquitz
Tel: 07 4781 6106 Email: alan.hauquitz@jcu.edu.au

Public Health Leadership and Crisis Management TM5563:03
This subject provides the skills, knowledge and awareness to assist health professionals in dealing with crisis events of varying magnitude and scope. The importance of self awareness in identifying and addressing crisis leadership strengths and challenges is emphasized. Students will leave with new and improved knowledge, awareness and skills, and extensive resources.

Course coordinator: David Sellars
Tel: 07 4781 6107 Email: david.sellars@jcu.edu.au

Public Health Management TM5513:03
To manage efficiently in the public health arena, it is essential to have a good grasp of management theory and skills as they pertain to public health. Topics include: system theory, objectives in management, project management, risk analysis, strategic analysis, quality improvement and management control systems. Team work and conflict management skills will be improved through experiential learning.

Course coordinators: Alan Hauquitz / Richard Franklin / Darryl Krook
Tel: 07 4781 6106 Email: alan.hauquitz@jcu.edu.au

Public Health Nutrition TM5580:03
Public Health Nutrition utilises nutrition knowledge and theory to promote health and to prevent both infectious and chronic disease conditions. This course will provide students with the knowledge and skills to be able to develop, implement, monitor and evaluate public health nutrition interventions both in Australia and in low and middle income countries in the tropics.

Course coordinator: Dympna Leonard
Tel: 07 4781 6107 Email: AntonBreinl@jcu.edu.au

Public Health Placement TM5571:03
This subject will provide students with an opportunity to further integrate their learning gained from previous theoretical subjects by undertaking a practical placement relevant to tropical medicine and public health. The focus of this subject will be on the student developing a higher level of practical professional skills and competencies in a relevant workplace situation in Australia or overseas.

Course coordinator: Kerrianne Watt
Tel: 07 4781 6097 Email: kerrianne.watt@jcu.edu.au
Qualitative Research Methods for Public Health Practitioners TM5524:03

Public health professionals increasingly appreciate the importance of qualitative research methods. This subject tackles all stages of conducting qualitative research, and covers important additional topics including validity in qualitative research; theory and methodology, and subjectivity.

**Course coordinators:** Peter d’Abbs / Melody Muscat
**Tel:** 07 4042 1537  **Email:** melody.muscat@jcu.edu.au

Refugee Health TM5536:03

The health of refugees and migrants is an increasingly important international public health issue. This dynamic subject presented in partnership with the Nobel Peace Prize winning non-governmental agency, MSF, deals with this problem, its causes, consequences and management in depth. This subject is an ideal preparation for health professionals contemplating working in the refugee health field. As there is a quota it is important to enrol early.

**Course coordinator:** Sandra Downing
**Tel:** 07 4042 1672  **Email:** sandra.downing@jcu.edu.au

Reproductive Health in Developing Countries TM5562:03

The health of women and neonates in developing countries remains a neglected area, and in this time of a booming humanitarian aid industry more and more health professionals from developed countries are travelling to developing countries to work. This subject aims to teach methods and skills that are appropriate and evidence based, in the areas of sexual health, health of pregnant, labouring, delivering and postnatal women, and the health of neonates. It also aims to introduce the students to some of the challenging situations they may face in the field such as illegal/induced abortion, female genital mutilation and sexual violence, and provide theoretical and practical information to assist them in the field.

**Course coordinator:** Sandra Downing
**Tel:** 07 4042 1672  **Email:** sandra.downing@jcu.edu.au

Social Science in Public Health TM5506:03

In this subject students will be provided with a conceptual and theoretical foundation for studying the ways in which social and cultural factors influence the incidence and understanding of, and societies’ responses to, health and illness.

**Course coordinator:** Julie Parison
**Tel:** 07 4781 5692  **Email:** julie.parison@jcu.edu.au

Substance Misuse Prevention TM5575:03

This course provides students with an understanding of the area of Substance Misuse with a particular focus on minimising or preventing its associated harms at the population or community level.

**Course coordinator:** Alan Clough
**Tel:** 07 4042 1604  **Email:** alan.clough@jcu.edu.au

Theory and Practice of Public Health TM5554:03

Celebrate the diversity of disciplines that form the foundation of public health. This subject provides an excellent synopsis of the roots and evolution of public health. The overview of tools available to public health practitioners will provide students with an appreciation of the skills needed to practice effectively in the complex local and international environment.

**Course coordinators:** Richard Franklin
**Tel:** 07 4781 6106  **Email:** richard.franklin@jcu.edu.au

Travel Medicine TM5512:03

Travel medicine is one of the fastest growing clinical specialities. Students who enrol in this subject will complete a series of modules including travel vaccines, malaria prophylaxis, diagnosis and treatment, travelling with pre-existing illness/conditions, general and extreme travel hazards, illness in returned travellers and key travel health research issues.

**Course coordinators:** Peter Leggat / Marc Shaw
**Tel:** 07 4781 6108  **Email:** peter.leggat@jcu.edu.au

Tropical Medicine TM5501:03

JCU offers one of the foremost Tropical Medicine courses worldwide. Subject experts cover the aetiology, diagnosis, management and prevention of tropical diseases of global significance, with special reference to Australasia and South East Asia.

**Course coordinators:** Peter Leggat / Jeffery Hanna
**Tel:** 07 4781 6108  **Email:** peter.leggat@jcu.edu.au
Tropical Paediatrics TM5534:03
This subject on diseases of children gives special emphasis to exotic tropical diseases and those affecting Indigenous Australian children in remote areas. Topics include: Determinants of child health in tropical climates; prevention and management of major childhood tropical diseases including major helminthic, protozoan, rickettsial, bacterial, viral, fungal, nutritional, psychiatric, and social diseases. Aboriginal and Torres Strait Islander paediatric health issues such as haematuria, rheumatic fever and anaemia are also covered.

Course coordinators: John Whitehall
Tel: 07 47814859 Email: AntonBreinl@jcu.edu.au

Tropical Public Health TM5502:03
This distance-mode subject introduces the general principles of tropical public health and the basic concepts of health policy, health advocacy, disease control, health promotion, and addiction studies. Specific attention is focused on food-borne diseases, soil-transmitted and intestinal helminthiasis, and arthropod-borne diseases. A particular emphasis is placed on successful public health programs including communicable diseases control, maternal and child health and nutrition.

Course coordinators: Peter Leggat / Richard Franklin
Tel: 07 4781 6108 Email: peter.leggat@jcu.edu.au
GENERAL INFORMATION

**Important dates for study at JCU in 2013**

- 25 February – 21 June  Study Period 1 external and limited mode subjects
- 29 July – 22 November  Study Period 2 external and limited mode subjects

**New application closing dates**

Coursework Programs

- Semester 1  January 2013 (late applications may be considered)
- Semester 2  June 2013 (late applications may be considered)

**Deadline for payment of up-front fees**

Australian and New Zealand students - Tuition fees for each subject must be paid by the subject’s allocated census date.

**English Language Requirements**

Applicants whose native language is not English must demonstrate their English Language proficiency by achieving a score in a test such as IELTS or TOEFL visit the following website: [http://www-public.jcu.edu.au/study/postgraduate/gettingin/JCUPRD](http://www-public.jcu.edu.au/study/postgraduate/gettingin/JCUPRD)  
Students must reach the standards set down in Band 4 which is the minimum requirement for all School of Public Health, Tropical Medicine and Rehabilitation Sciences degrees.

**IT and Library Support**

Remote access – this allows direct access to electronic journals. To obtain access contact the Library website: [http://www-public.jcu.edu.au/libcomp/index.htm](http://www-public.jcu.edu.au/libcomp/index.htm)

**Postgraduate Academic Advisor**

Email: sue.devine@jcu.edu.au or Tel: 07 4781 6110 International +61 7 4781 4148

**Accommodation**

JCU's Accommodation Service at the Townsville campus can assist students in finding suitable accommodation. The Services website has application forms, useful information and handy links: [www.jcu.edu.au/accommodation](http://www.jcu.edu.au/accommodation)

Tel: Townsville (07) 4781 4148    International:  +61 7 4781 4148

**Textbooks**

For information and availability of prescribed texts, contact: [textbuyer@bookshop.jcu.edu.au](mailto:textbuyer@bookshop.jcu.edu.au)

**Study costs**

Information on fees is available at the following website: [http://www.jcu.edu.au/student/fees/index.htm](http://www.jcu.edu.au/student/fees/index.htm)

In general, Australian students (coursework) have two options:

- They can choose to pay their tuition fees up front and by doing so may be eligible to claim a tax deduction (if study is associated with their profession)
- They can defer payment by applying for FEE-HELP assistance through the Commonwealth Government. FEE-HELP information is given in the Financial Assistance section of the website above.

The School has Commonwealth supported places available, and applicants should enquire at the time of enrolment.

International students need to contact the International Student Centre for fee information email: [international@jcu.edu.au](mailto:international@jcu.edu.au)

Other costs associated with study include textbooks and costs associated with residential/block mode course delivery.
CHECKLIST FOR ADMISSION

After receiving your information pack from the School of Public Health and Tropical Medicine please ensure you have completed the following:

1. The application form, including the name & details of two referees. Attach the following required documentation with your application:
   - Certified copies of academic transcripts and degree certificates signed by a Justice of the Peace or Commissioner for Declarations
   - A current and detailed CV

2. Send all the above to the Student Enquiry Centre, James Cook University QLD 4811.

3. Your application will then be forwarded to the Anton Breinl Centre for assessment by the Director, Anton Breinl Centre for Public Health and Tropical Medicine and the Faculty Registrar, Faculty of Medicine, Health and Molecular Sciences. Approval is not automatic.

4. Your application will then be sent to Student Administration who will either send you a letter offering you a place in your nominated degree or a letter giving reasons why your application has been rejected.

5. You then need to either accept or reject this Letter of Offer and send this letter back to Student Administration as quickly as possible. You will not be admitted to your degree until this letter has been returned.

If you have any questions about this process please contact either:

- Postgraduate Student Officer, on (07) 4781 6107 or email AntonBreinl@jcu.edu.au, or
- Student Enquiries, on (07) 4781 5255 or email enquiriestownsville@jcu.edu.au

Note:

External and Limited Attendance modes: enrolments must be made before the Semester census dates.

Block modes: Early enrolment is recommended as some block mode subjects do have a quota.