

# Graduate Certificate Integrated Water Management

Part-time/distance study option

The program takes a multi-disciplinary, whole-of-water cycle approach and draws on international practitioners and academics in water management from a range of disciplines from premier Australian universities - Queensland, Griffith, Monash and Western Australia. Problem-based learning activities train our students to solve real-world problems and equip them with the strategic, managerial and technical skills to advance their careers in the water sector.

## Why study with the International WaterCentre?

- Graduate with a co-badged qualification from four leading Australian universities:



- Receive a practical degree that builds on your professional experience and improves your ability to approach water-related problems in a holistic way.
- Study the part-time/distance mode, designed for students who live outside Brisbane or work full time.

## Integrated approach to water management

- Advance your career with a degree that teaches practical skills.
- Develop tools and skills for implementing integrated solutions in the real world. We use problem-based learning approaches, case study applications, field visits and industry based placements.

## Gain skills to improve your career path

- Become familiar with all aspects of integrated water management.
- Be able to provide technical and managerial input into planning, design and operation of water projects and facilities.
- Understand the principles of managing water supply, wastewater treatment and urban infrastructure projects.
- Recognise the socio-economic factors affecting water solutions.
- Understand governance and institutional frameworks of water management.
- Understand the importance of integrated water management from a global to local scale.
- Learn to apply best practice water management expertise in developed and developing countries.

## Great incentives to enrol

- Field trips to Western Australia and Stradbroke Island are included in the tuition fee.
- Eligible students can apply for Fee-Help, an Australian government loan to help pay part or all of the tuition fees.
- Australian Government tax incentives are available for professional development education expenses.

## Program options

- Choose a Masters Degree, Graduate Diploma or Certificate. Full-time study option is available, please visit our website for details.

## How well recognised are our four universities?

- Three of our universities are ranked in the top 100 universities in the World University Rankings by *Times Higher Education Supplement*.
- Three of the universities are in the Group of Eight, a coalition of leading Australian universities known for intensive research, and comprehensive general and professional education.

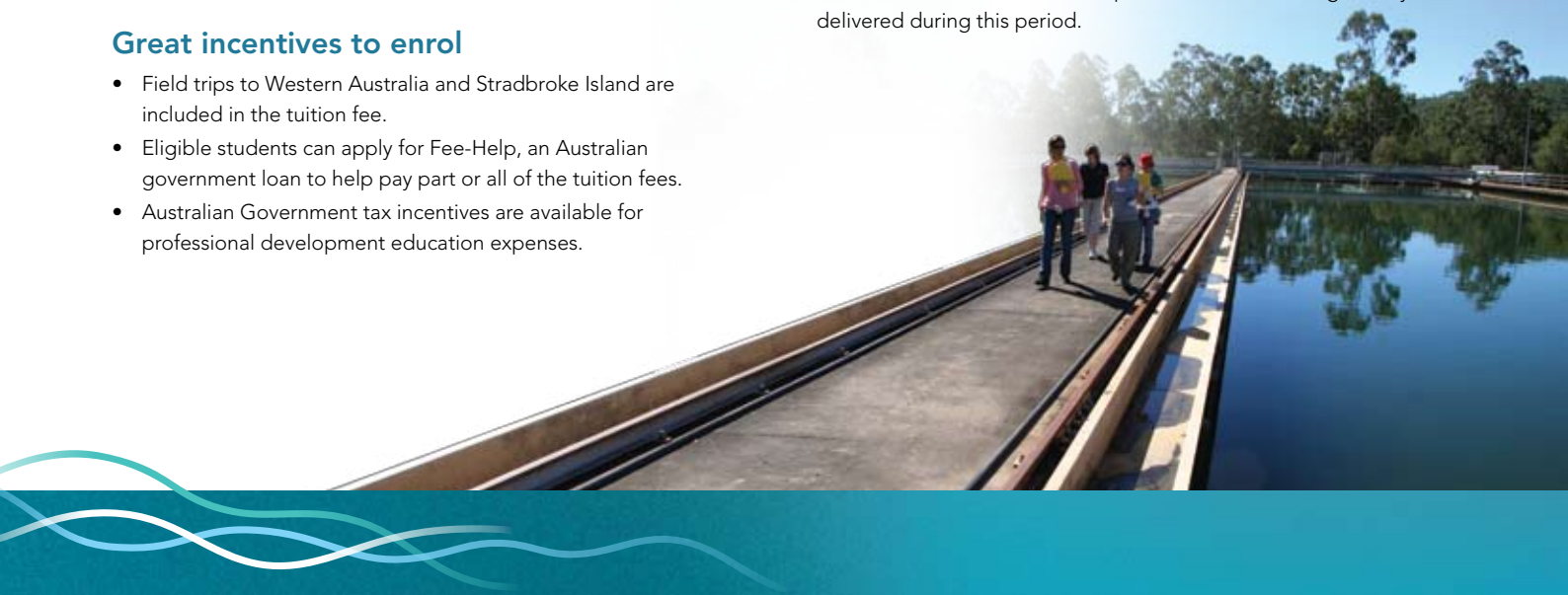
## National and international career prospects

- Become a professional highly sought-after by the Australian water sector which is estimated to need up to 40,000 new employees in the next 10 years.
- Apply for high-level management positions in the public, private and non-government sectors upon graduation.
- Pursue a career with international development agencies, private water management companies, governmental policy and planning bodies or the mining sector.
- Be sought after by national and international consultancy companies.

## Practical and applied components

In Semester 1 students attend a three-day field trip to North Stradbroke Island as part of a five-day residential period.

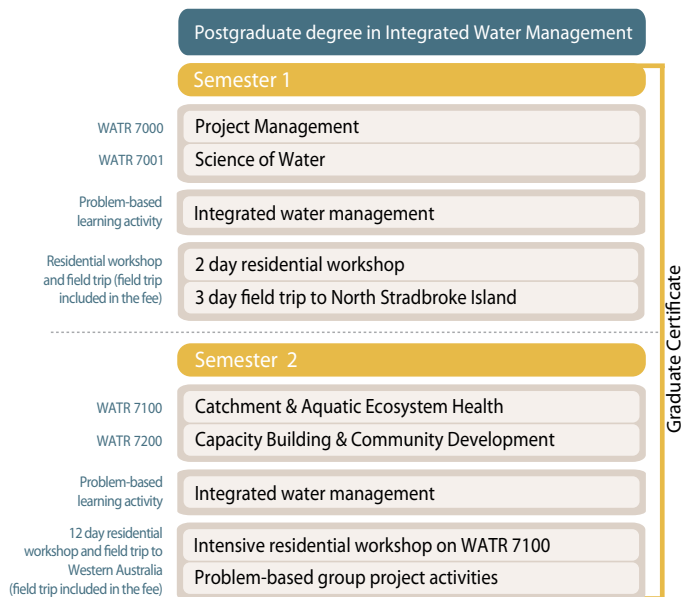
In Semester 2 the field trip and residential workshops are held at the University of Western Australia (UWA) campus in Albany, Western Australia. On this trip students will study various water issues and participate in intensive workshops with UWA staff. Most of the content for WATR 7100 and the problem-based learning activity will be delivered during this period.



## Problem-based education for future water leaders

### Program structure

The part-time Certificate course runs for one year. Students undertake two course modules and one problem-based learning activity per semester.



### Course delivery

Most of the course is conducted on-line so that students can undertake their studies while working or living outside Brisbane. At the beginning of each semester students attend a short residential period and participate in field trips and workshops with full-time students.

### Problem-based learning projects

A unique feature of the program is the team and individual-based projects that integrate the content of water management in Australian and international settings. These projects are carefully guided in the challenging task of knowledge integration application and creation.

### Where are students enrolled?

Students enrol at The University of Queensland and upon graduation receive a co-badged qualification from all four universities.

### Applications

[www.watercentre.org/education/austapp](http://www.watercentre.org/education/austapp)

The course commences in Semester 1 of each year.

### Admissions criteria

Prospective students must meet the following prerequisites for entry into the program:

- A four year undergraduate degree (Honours or equivalent) in a related field of study from an internationally-recognised institution
- Professional experience in a water related field is preferred.

### Tuition and fees

Please visit [www.watercentre.org/education/degrees](http://www.watercentre.org/education/degrees) for up-to-date costs of the program. **The semester fee covers costs incurred during the field trips** (Stradbroke Island, Western Australia).

*'There has been a steep increase in salary levels for many Australian water sector workers in the last years.'*

David Mussared, NRM jobs 2008

*'There is a growing shortage of experienced talent to meet water needs globally.'*

International Water Association, 2006

*'Skills shortage has become an issue in the water industry.'*

National Water Commission, 2008

Information in this brochure was accurate at the time of printing (2009). Please note that dates, fees and other information are subject to change without prior notice.

**International WaterCentre Pty Ltd**  
 ABN 58 115 590 255

Level 16, 333 Ann St, Brisbane Q 4000  
 PO Box 10907, Adelaide St, Brisbane Q 4000

Tel +61 7 3123 7766 Fax +61 7 3103 4574

Email [admin@watercentre.org](mailto:admin@watercentre.org)

[www.watercentre.org](http://www.watercentre.org)