

# ENVIRONMENT

83.

## GRADUATE CERTIFICATE OF NATURAL AND CULTURAL RESOURCE MANAGEMENT

**1** (part time) **6** Course code: S562

This course is available through the Institute of Koorie Education.

*Admission requirements: Applicants must have an approved degree/diploma (or equivalent).*

The Graduate Certificate of Natural and Cultural Resource Management provides advanced specialist skills and professional development for Aboriginal and Torres Strait Islander cultural heritage officers, land management facilitators, cultural heritage site managers, educationalists and elders in the areas of integrated natural resource management, cultural heritage interpretation, research and project design.

See also Graduate Diploma of Natural and Cultural Resource Management.

### COURSE STRUCTURE

You must complete 4 credit points of study.

#### Trimester 1

SQE744 Interpreting Natural and Cultural Landscape

SQE741 Natural and Cultural Resource Management

#### Trimester 2

SQE742 Planning and Techniques of Interpretation

SQE743 Research Project on Interpretation

## GRADUATE DIPLOMA OF NATURAL AND CULTURAL RESOURCE MANAGEMENT

**1** **6** Course code: S662

This course is available through the Institute of Koorie Education.

*Admission requirements: Applicants must have an approved degree/diploma (or equivalent).*

This course provides advanced specialist skills and professional development for Aboriginal and Torres Strait Islander cultural heritage officers, land management facilitators, cultural heritage site managers, educationalists and elders in the areas of integrated natural resource management, cultural heritage interpretation, research and project design.

A key focus of the course revolves around the exploration and convergence of Western science values and Indigenous knowledge, which is currently developing the processes and resources in Australia. The course provides not only an academic environment effective for the dissemination of substantive material connected to the multifaceted arena of both natural and cultural resources matters, but a culturally sensitive learning environment for Aboriginal and Torres Strait Islander students from all over Australia who come together and discuss the major issues connected to the protection and management of cultural heritage, land and knowledge.

### COURSE STRUCTURE

You must complete 8 credit points of study.

#### Trimester 1

SQE744 Interpreting Natural and Cultural Landscape

SQE741 Natural and Cultural Resource Management

SQE735 Natural and Cultural Land Management Issues

#### plus one of:

SQE743 Research Project on Interpretation

SQE716 Recycling and Waste Minimisation

#### Trimester 2

SQE742 Planning and Techniques of Interpretation

SQE706 National Park and Protected Area Management

SQE734 Community Project Management

#### plus one of:

SQE716 Recycling and Waste Minimisation

SQE743 Research Project on Interpretation

## GRADUATE CERTIFICATE OF ENVIRONMENTAL MANAGEMENT

**0.5** **X** Course code: S580

The Graduate Certificate of Environmental Management can be undertaken as a stand-alone or exit qualification from the Master of Environmental Management. Further details are included under the Master of Environmental Management course description.

### COURSE STRUCTURE

Course structure currently under revision. For more information please visit the School of Life and Environmental Sciences website at [www.deakin.edu.au/scitech/les](http://www.deakin.edu.au/scitech/les).

## MASTER OF ENVIRONMENTAL MANAGEMENT

**1** **X** Course code: S780

*Admission requirements: Direct entry into the Master of Environmental Management is only available to students with a four-year undergraduate degree (including honours), or students who have completed the Graduate Certificate of Environmental Management (or equivalent).*

The Master of Environmental Management blends advanced scientific training with studies in management and policy. This is critical for employment in the rapidly expanding environmental sector. Offering a flexible program, units may be taken from the Faculty of Science and Technology and other faculties, including Arts and Education, and Business and Law.

You will be able to structure a course of study offering the best opportunity to gain specific skills in your chosen area of the environment employment field. The course is also designed to meet employer demand for graduates with a thorough understanding of scientific and management issues pertinent to both land and marine-based environmental management and planning.

### COURSE STRUCTURE

Course structure currently under revision. For more information please visit the School of Life and Environmental Sciences website at [www.deakin.edu.au/scitech/les](http://www.deakin.edu.au/scitech/les).

## GRADUATE CERTIFICATE OF WATER RESOURCES MANAGEMENT

**0.5** **6** Course code: S555

*Note: Some subjects may be taught at Deakin's Warrambool Campus.*

*Admission requirements: Completion of a three-year undergraduate degree in a relevant Engineering or Science-related field or equivalent.*

This course will provide you with an opportunity to increase your knowledge and application of skills in the area of water resources management. This course can be undertaken as an exit point from the Graduate Diploma or Master of Water Resources Management or as a stand-alone qualification.

### COURSE STRUCTURE

You must complete 4 credit points, comprising the four common units from the Master of Water Resources Management.

# ENVIRONMENT

**KEY**

- 3** Course duration
- G** Geelong Campus at Waurn Ponds
- F** Geelong Waterfront Campus
- B** Melbourne Campus at Burwood
- W** Warrnambool Campus
- X** Off-campus

## GRADUATE DIPLOMA OF WATER RESOURCES MANAGEMENT

**1** **G** Course code: S655

Note: Some subjects may be taught at Deakin's Warrnambool Campus.

*Admission requirements: Completion of a four-year undergraduate degree including honours in a relevant field<sup>\*</sup> (Australian or equivalent); a four-year undergraduate degree in a relevant field (Australian or equivalent) with relevant experience<sup>\*\*</sup>; a three-year undergraduate degree plus honours in a relevant field<sup>\*</sup> (Australian or equivalent); or three-year undergraduate degree in a relevant field<sup>\*</sup> (Australian or equivalent) with relevant experience<sup>\*\*</sup> (requiring student to enter at Graduate Certificate level only).*

This course will provide you with an opportunity to increase the breadth and depth of your knowledge and application of skills in the area of water resources management. The Graduate Diploma of Water Resources Management can be undertaken as an exit point from the Master of Water Resources Management or as a stand-alone qualification.

### COURSE STRUCTURE

You must complete 8 credit points, comprising the four common units from the Master of Water Resources Management, plus at least three units from a specialisation in the Master of Water Resources Management and one approved elective unit.

## MASTER OF WATER RESOURCES MANAGEMENT

**1.5** **G** Course code: S755

Note: Some subjects may be taught at Deakin's Warrnambool Campus.

*Admission requirements: Completion of a four-year undergraduate degree including honours in a relevant field<sup>\*</sup> (Australian or equivalent); a four-year undergraduate degree in a relevant field (Australian or equivalent) with relevant experience<sup>\*\*</sup>; a three-year undergraduate degree plus honours in a relevant field<sup>\*</sup> (Australian or equivalent); or a three-year undergraduate degree in a relevant field<sup>\*</sup> (Australian or equivalent) with relevant experience<sup>\*\*</sup> (requiring student to enter at Graduate Certificate level only).*

Deakin University is part of a consortium which has developed a suite of postgraduate programs in water resources management. Collaboration from industry ensure that the programs are relevant, contemporary and leading edge.

The Master of Water Resources Management offers a wide variety of specialised coursework electives and study options enabling you to create a program of study that meets your individual needs. The option to undertake an industry project as part of the masters program has been designed to assist you in becoming professionally aware through quality interaction with industry leaders.

### COURSE STRUCTURE<sup>^</sup>

The Master of Water Resources Management is a 12-credit-point program. You must complete:

#### CORE UNITS

SEN761 Global Water Systems 1 – Natural Water Cycle  
 SEN762 Global Water Systems 2 – Engineered Water Cycle  
 SEN763 Water Resources and Society  
 SEN764 Water Resources Planning and Management

#### SPECIALISATIONS

At least 3 units from a specialisation

##### **Management of Water Infrastructure**

SEN724 Water Resources System Analysis  
 SEN740 Water Treatment Processes and Design  
 SEN741 Wastewater Treatment Processes and Design  
 SEN743 Water Resources Engineering  
 SEN724 Water Resources Systems Analysis  
 SEN745 Wastewater Reclamation and Reuse  
 SEN752 Engineering Management and the Environment  
 SEV710 Risk and Environmental Sustainability

##### **Aquatic Ecosystem Management**

Specialisation currently under revision. For unit descriptions and more information please visit the School of Life and Environmental Sciences website at [www.deakin.edu.au/scitech/les](http://www.deakin.edu.au/scitech/les).

\* Engineering and Science are considered as relevant fields.

\*\* Relevant experience will need to be demonstrated to an appropriate level. You must have access to the internet, a microcomputer, modem and printer.

# Elective units may be selected from other universities in the consortium.

^ Course structure currently under revision.