

# Academic Staff



**Dr John Tilleard**  
Course Coordinator

John has 30 years experience in theory and practice of river management



**Associate Professor Brian Finlayson**

Brian has over 30 years experience as a university teacher, researcher and consultant in this and related fields



**Associate Professor Ian Rutherford**

Ian is a fluvial geomorphologist with a passion for rehabilitating catchments and streams

## More Information

For further information and applications please contact

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Project Manager

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THE UNIVERSITY OF  
MELBOURNE



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2010

## GRADUATE CERTIFICATE IN RIVER HEALTH MANAGEMENT

Melbourne Consulting and Custom Programs



# Course Information

## INTRODUCTION

The Graduate Certificate in River Health Management, offered by the University of Melbourne with support from the Victorian Waterway Managers Forum, is an accredited course of study for Victorian waterway management professionals. It is a one-year part-time course delivered by a combination of distance learning and intensive periods of face-to-face teaching either on campus or at regional centres in Victoria.

## COURSE OBJECTIVES

The objective of this course is to increase the depth and diversity of the skills and knowledge of professionals practicing in the waterway management industry and thus to improve the capacity of organisations to deliver their roles and responsibilities for catchment management.

Graduates of this course should:

- understand the technical content of the disciplines involved in catchment management and its relationship to the broader objective of river health and total catchment management.
- appreciate how to create and acquire knowledge appropriate in the waterway management industry
- be familiar with methods of applying their knowledge in practical settings; this includes -
  - thinking and planning strategically,
  - identifying both strategic directions and specific initiatives,
  - making judgments about and challenging total catchment management policy and practice;
- realise how the creation, dissemination and application of knowledge about catchment management are intimately related;
- be able to articulate their knowledge, in particular, to be able to -
  - interact with a range of stakeholders to achieve community outcomes,
  - manage human resources, and assist with development of leadership and succession planning;
- be capable of independent critical thought, to enable them to -
  - adapt and respond to evolving policy and operational circumstances,
  - adapt and respond to unexpected outcomes of management actions,
  - challenge current practices and facilitate positive changes; and
- exhibit analytic and problem-solving skills, in particular applying specific techniques for managing waterways and catchments.

The course comprises four subjects:

### Fundamentals of Catchment Management

Subject Start: 12th July 2010  
 Subject End: 3rd September 2010  
 Intensive Date: 26th - 29th July 2010  
 Intensive Location: Lake Dewar Lodge

### On-ground River Protection & Restoration

Subject Start: 27th September 2010  
 Subject End: 19th November 2010  
 Intensive Date: 18th - 21st October 2010  
 Intensive Location: All Seasons Lake Hume Resort

### Caretaking Rivers for the Community

Subject Start: 7th February 2011  
 Subject End: 1st April 2011  
 Intensive Date: 28th February – 3rd March 2011  
 Intensive Location: Trawool Valley Resort

### Integrated Management Plans

Subject Start: 2nd May 2011  
 Subject End: 24th June 2011  
 Intensive Date: 23rd - 26th May 2011  
 Intensive Location: Lake Dewar Lodge

## MODE OF DELIVERY

Material for individual subjects will be delivered via a combination of the following modes:

- an orientation session held over one full day in Melbourne designed to set the scene, promote interaction, assign projects and groupings.
- a remote learning component covering the content of each subject and providing both pre-reading to prepare for the other delivery components and material supporting other delivery components, such as lectures and tutorials;
- one intensive instruction period of four days per subject, at a regional location so that relevant real world examples are to hand. These sessions will be a combination of lecture presentations by academic staff and industry specialists, tutorial sessions, panel and group discussions, field exercises and student presentations;
- field trips will be part of the intense instruction period to provide relevant real-world context and practical examples. Close involvement with CMA staff will provide local context and relevant examples for field trips; and
- group and individual project and assignment work. Projects will be developed in consultation with CMAs to ensure practical relevance. Group work will be used to develop skills required for effective interdisciplinary interaction and project implementation.

# Course Outline

## ENTRY REQUIREMENTS

Most applicants for this course already have an undergraduate qualification and enter via the:

**Academic Pathway** - A recognised bachelor's degree or equivalent qualification plus relevant professional work experience.

Students without an undergraduate degree will also be considered via the:

**Professional Work Experience Pathway** - Extensive professional work experience which demonstrates a capacity to successfully complete the course.

## COURSE FEES

### Tuition Fees

\$2,350 per subject.

Applicants may be eligible for the FEE-HELP government loan scheme to pay the course fee.

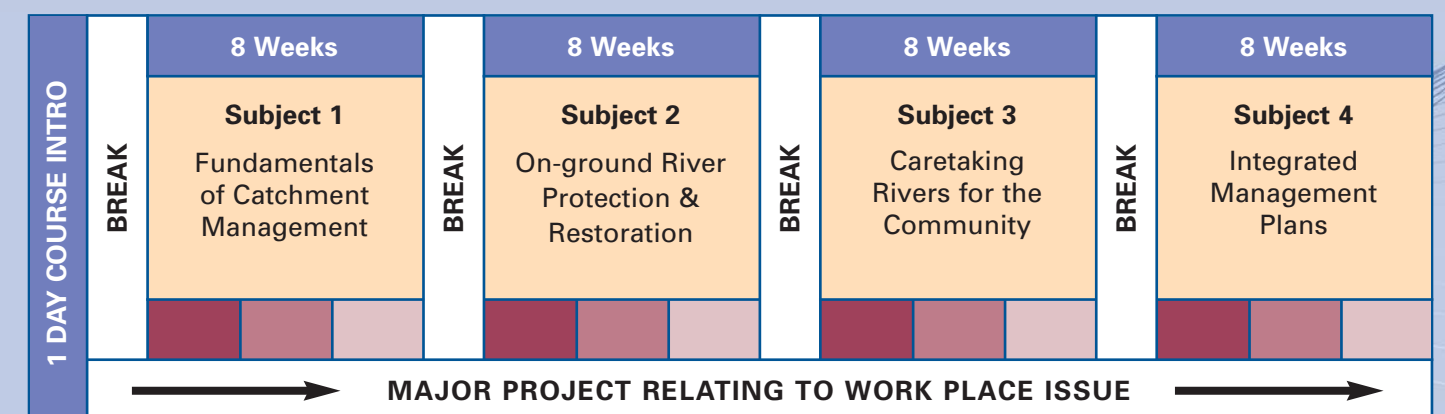
For further information please visit [www.goingtouni.gov.au](http://www.goingtouni.gov.au).

### Associated Intensive Delivery Costs

The University of Melbourne will negotiate accommodation and meal packages for all participants.

The expected cost per 4 day remote intensive session is approximately \$560. FEE-HELP is not applicable for this cost.

Travel to and from sites is the participants' responsibility, however transport will normally be available from Melbourne if required.



### KEY:

- Remote Learning** - background material, reading and preparation.
- Intense Contact** - lectures, speakers, workshops, tutorials, lab work, field visits and case studies.
- Assignment, course work, projects and evaluation.**