

# Course structure

You must complete 10 units to gain the Diploma of Conservation and Land Management.

- a minimum of four (4) units must come from elective group A
- a minimum of four (4) units must come from elective groups A or B
- a maximum of 2 units may be selected from the elective list of a Certificate IV or above of this or any other endorsed Training Package or Accredited Course. Selected units must be relevant to job outcomes in Conservation and Land Management and must be chosen to ensure the integrity of the qualification outcome at AQF level 5.
- For full packaging rules see <http://training.gov.au/Training/Details/AHC51116>

Please note some subjects listed below include multiple units of competency and the units of competency offered may be subject to change.

Tocal College suggests three (3) foundation subjects (comprising four units of competency) be completed before selecting four (4) electives. It is then recommended that students complete the two (2) concluding subjects.

## FOUNDATION SUBJECTS

**1. Describe a landscape**  
 AHCILM501 Conduct field research into natural and cultural resources (Group A)  
 AHCWRK503 Prepare reports (Group B)

**2. Collect and classify plants**  
 AHCPCM502 Collect and classify plants (Group A)

**3. Define the pest problem**  
 AHCPMG413 Define the pest problem (Group A)

## ELECTIVE SUBJECTS (SELECT FOUR)

**4. Develop a pest management plan**  
 AHCPMG412 Develop a pest management plan (Group C)

**5. Plan prescribed burning**  
 AHCFIR502 Plan prescribed burning for fuel, ecological and cultural resource management (Group A)

**6. Plan river restoration works**  
 AHCNAR505 Plan river restoration works (Group A)

**7. Develop sustainable land use strategies**  
 AHCNAR506 Develop and implement sustainable land use strategies (Group A)

**8. Design a restoration project**  
 AHCNAR503 Design a natural area restoration project (Group A)

## CONCLUDING SUBJECTS

**9. Develop a management plan for an area of land**  
 AHCLPW501 Develop a management plan for a designated area (Group A)

**10. Monitoring biological indicators**  
 AHCNAR502 Conduct biological surveys (Group A)

## FOUNDATION SUBJECTS

### **Describe a landscape**

AHCILM501 Conduct field research into natural and cultural resources (Group A)

AHCWRK503 Prepare reports (Group B)

In this subject you will:

- use a range of electronic and manual recording systems to support research
- identify stakeholders including current tenure, Indigenous history and community interest
- review existing knowledge
- develop research objectives, staff, resources and design
- conduct field investigations to investigate impacts on fauna, flora and natural resources of the site
- report on the field investigation.

### **Collect and classify plants**

AHCPCM502 Collect and classify plants (Group A)

In this subject you will:

- collect plant specimens
- note the location, characteristics and occurrence of specimens at the point of collection
- clean, preserve, mount and label plant specimens
- use a plant key to identify plants against the botanical description of the species
- label preserved specimens.

### **Define the pest problem**

AHCPMG413 Define the pest problem (Group A)

In this subject you will:

- determine land management/production objectives
- estimate costs and advantages for the management units most affected by the target pests
- define and prioritise the management units most affected, both actually and potentially, by the target pests
- define the performance criteria for each land management/production objective
- select management options for the target pests
- negotiate strategies with relevant stakeholders in the affected area.

## ELECTIVES

### **Develop a pest management plan**

#### AHCPMG412 Develop a pest management plan (Group C)

In this subject you will:

- determine goals of the pest management plan
- set specific objectives for the pest management plan
- identify activities required to achieve specific objectives
- estimate resources required to complete required activities
- finalise the pest management plan.

### **Plan prescribed burning**

#### AHCFIR502 Plan prescribed burning for fuel, ecological and cultural resource management (Group A)

In this subject you will:

- assess a designated site/area for prescribed burning
- plan for prescribed burning
- develop post burn monitoring and evaluation methodology.

### **Plan river restoration works**

#### AHCNAR505 Plan river restoration works (Group A)

In this subject you will:

- establish client needs for river restoration works
- develop the strategy to undertake river restoration works
- prepare detailed river restoration works plan.

### **Develop sustainable land use strategies**

#### AHCNAR506 Develop and implement sustainable land use strategies (Group A)

In this subject you will:

- assess the threats to sustainability for an area or region
- manage water resources and riparian zones
- manage vegetation and plant succession for an area
- manage the health and sustainability of soils
- incorporate sustainability principles into land use practices.

### **Design a restoration project**

#### AHCNAR503 Design a natural area restoration project (Group A)

In this subject you will:

- establish the project purpose, scope and extent, and costs and benefits
- prepare a base plan incorporating landforms, soils, fauna and flora and habitat
- determine options for natural area restoration and incorporate into a concept design
- produce a final design with supporting documentation, including costings.

## CONCLUDING SUBJECTS

### **Develop a management plan for an area of land**

#### AHCLPW501 Develop a management plan for a designated area (Group A)

In this subject you will:

- discuss management plan objectives, deliverables and timeline with client
- prepare a site plan detailing landscape values, physical features and characteristics, land uses (both past and present), physical condition and biological characteristics
- identify land capability and conservation issues on and surrounding the site
- analyse site information and description to assess feasibility of management objectives
- develop and cost recommended actions and present to client for discussion as a draft management plan
- consult with stakeholders and incorporate feedback into the final management plan.

### **Monitoring biological indicators**

#### AHCNAR502 Conduct biological surveys (Group A)

In this subject you will:

- identify the scope, objectives and constraints for a biological survey according to client requirements, the biological components to be surveyed and enterprise policy
- assess the availability of current data and determine data collection and processing needs
- identify biological indicators that are repeatable and statistically representative
- document survey methods and indicators as a survey plan
- schedule survey activities and establish access to the site
- conduct a biological survey with data collection staged and recorded according to the survey plan
- produce a biological survey report with detailed analysis and conclusion, including a description and assessment of the specified biological components.