

Land and Water Management



Gloriously positioned near the junction of the Murray and Darling rivers, SuniTAFE is nestled in the heart of Australia's largest catchment area - the Murray Darling Basin.

The Basin is home to significant natural heritage features of local, national and international importance, including the World Heritage listed Willandra Lakes Region and the Hattah Kulkyn National Park. The Basin is also famous for its irrigation infrastructure and technology that supports a large horticultural industry.

The education and training of conservation, land management and irrigation technology are of critical importance to the region. Students at SuniTAFE acquire the knowledge and skills crucial to the environmental management industry and utilise state of the art learning technologies and equipment. SuniTAFE is renowned at a national level as being a leader in land and environment education!

Certificate III in Conservation and Land Management CRICOS Code - 071638G

Participants will gain knowledge and skills in flora and fauna identification, cultural heritage, natural area restoration, native wildlife rehabilitation, water sampling and monitoring, GPS technology, map reading and land management. This course will allow participants to consolidate their pathway and seek employment in the environmental management industry.

Duration	1 year
IELTS Score Required	5.5
Entrance Requirements	Year 12 or country equivalent.
Total Course Fee	A\$7,990
Additional Fees	Nil
Study Mode	Full time classroom based.
Employment Opportunities	Government environmental management agencies, private environmental consultancies and mining industry environmental officers.
Assessment	Assessment is through assignments, practicals and skills based assessment.

Course Structure

A total of 15 units of competency must be completed.
Select 8 units from Group B
Select 2 units from Group B and/or C

Core Units

RTC2701A	Follow OH&S procedures
RTC2702A	Observe environmental work practices
RTC2705A	Work effectively in the industry
RTC2801A	Participate in workplace communications
RTC3701A	Respond to emergencies

Group B

Working with Plants

RTC3016A	Provide information on plants and their culture
RTD3034A	Implement revegetation works
FPIFGMoo8A	Conduct seed collecting operations

Working with Animals

RTD3125A	Respond to wildlife emergencies
RTD3132A	Survey pest animals

Construction and Maintenance

*RTD3202A	Construct access tracks
*RTD3205A	Construct conservation earthworks
*RTC3209A	Plan and construct conventional fencing
RTC3211A	Implement a maintenance program for an aquatic environment

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Certificate III in Conservation and Land Management *Cont'd...*

Course Structure *Cont'd...*

RTD3212A Implement erosion and sediment control measures
 RTC3218A Undertake a site assessment

Machinery and Equipment

RTC3310A Operate specialised machinery and equipment
 RTC3311A Perform specialised machinery maintenance

Pests and Diseases

RTC3401A Control weeds

Resource Management

RTD3501A Assist in the implementation of legislation
 RTD3502A Carry out inspection of designated area
 RTD3505A Maintain natural areas
 RTD3507A Undertake sampling and testing of water
 FPIFGM147A Read and interpret maps
 PUAFIR303A Suppress wildfire (no performance criteria)

Health and Safety

RTC3704A Prepare and apply chemicals
 RTC3705A Transport, handle and store chemicals

Working with People

*RTD3802A Provide appropriate information on cultural knowledge

RTC3805A Coordinate work site activities
 RTD3814A Present proposed courses of action to meeting
 SRXTEM004A Deal with conflict

THTFTGo7B Research and share general information on Australian indigenous cultures

*THTFTGo8B Interpret aspects of local Australian indigenous cultures

*THTFTG14A Prepare specialised interpretive content (cultural and heritage environments)

Administration and Business

BSBCMN306A Produce business documents

Group C

This group includes other units of competency from Conservation and Land Management and/or other Training Packages at nominal AQF Levels 2, 3 & 4. These units must be relevant to work undertaken in Conservation and Land Management.

Diploma of Conservation and Land Management CRICOS Code - 071245B

Participants will gain knowledge and skills in community change management, data collection and management, natural area restoration, monitoring systems, developing management plans and managing flora and fauna projects. This course will enable participants to deepen their previous knowledge and skills allowing them to move into coordination and management roles within the industry.

Duration	1 year
IELTS Score Required	5.5
Entrance Requirements	Year 12 or country equivalent. Up to two years industry experience and/or Certificate III qualification or higher in Conservation and Land Management and other related resource management fields.
Total Course Fee	A\$13,871
Additional Fees	Nil
Study Mode	Full time.
Employment Opportunities	National park field workers, fisheries and wild life officers, land protection officers, forest officers, irrigation officers, research technical officers, parks and waterways officers, environmental consultants.
Assessment	Assessment is through assignments, practicals and skills based assessment.

University Pathway

This course has a University Pathway. See page 39 for further information.

Course Structure

A total of 10 units of competency must be completed.

Select 4 units from Group A

Select 4 units from Group A and/or B

Select 2 units from Group A, B and/or C

Group A

RTC5011A Collect and classify plants
 RTD5203A Plan erosion and sediment control measures
 RTD5502A Conduct field research into natural and cultural resources

RTC5504A Develop a management plan for a designated area
 RTD5507A Develop conservation strategies for cultural resources

RTD5510A Implement plans of management
 RTC5519A Conduct biological surveys
 RTD5522A Plan river restoration works
 BSBMGT507A Manage environmental performance

Group B

Working with Plants

RTD5003A Manage natural area restoration programs

Working with Animals

RTD5102A Manage fauna populations

Pests and Diseases

RTD5402A Develop a strategy for the management of target pests

Cont'd below...

Course Structure *Cont'd...*

Resource Management

RTD5509A Evaluate project submissions
 RTD5517A Propose a negotiated outcome for a given area of country Health and Safety
 RTC5701A Establish and maintain the enterprise OH&S program
 RTC5702A Develop and manage a chemical use strategy

Working with People

RTD5802A Support group and community changes in resource management
 RTD5803A Operate within community cultures and goals
 RTD5805A Facilitate development of group goals and projects
 RTD5806A Promote group formation and development
 BSBFLM501A Manage personal work priorities and professional development

BSBFLM510A Facilitate and capitalise on change and innovation
 CHCCD4A Develop and implement community programs
 LGACOM502A Devise and conduct community consultation
 PUAPRO001A Promote a learning environment in the workplace (No performance)

Administration and Business

RTC5913A Collect and manage data
 RTC5914A Prepare reports
 PSPPM502A Manage projects

Group C

This group includes other units of competency from Conservation and Land Management and/or other Training Packages at nominal AQF Levels 4, 5 & 6. These units must be relevant to work undertaken in Conservation and Land Management.