Master of Environmental Management (with specialisations) Articulated Set

includes:

Master of Environmental Management (with specialisations) Graduate Diploma of Environmental Management (with specialisations) [Exit Point Only] Graduate Certificate in Environmental Management (with specialisations) [Exit Point Only]

Graduates have advanced knowledge and skills about managing our environment particularly landscape rehabilitation and restoration, ecosystem management and conservation. They are able to apply this knowledge, combined with their understanding of latest developments in the field, to solve a range of environmental management problems. This includes those novel and complex situations that require creativity and innovation in order to and create healthy and resilient ecosystems. Graduates are employed by a range of businesses and companies involved in environmental management, either as consultants or as staff. They may also find work in government agencies providing management advice at an operational or policy level.

Graduates have advanced knowledge and skills about managing our environment particularly landscape rehabilitation and restoration, ecosystem management and conservation. They are able to apply this knowledge to make sound independent judgements on how to best address a range of environmental problems and create healthy and resilient ecosystems. Graduates are employed by a range of businesses and companies involved in environmental management, either as consultants or as staff. They may also find work in government agencies providing management advice at an operational or policy level.

Graduates have specialised knowledge and skills about managing our environment, particularly landscape rehabilitation and restoration, ecosystem management and conservation. They are able to apply this knowledge to make sound independent judgements on how to best address a range of environmental problems and create healthy and resilient ecosystems. Graduates are employed by a range of businesses and companies involved in environmental management, either as consultants or as staff. They may also find work in government agencies providing management advice at an operational or policy level.

The course includes the following awards:

Graduate Certificate in Environmental Management (Conservation) GradCertEnvMgt(Cons)

Graduate Certificate in Environmental Management (Natural Resources) GradCertEnvMgt(NatRes)

Graduate Certificate in Environmental Management (Water Resources) GradCertEnvMgt(WaterRes)

Graduate Diploma of Environmental Management (Conservation) GradDipEnvMgt(Cons)

Graduate Diploma of Environmental Management (Natural Resources) GradDipEnvMgt(NatRes)

Graduate Diploma of Environmental Management (Water Resources) GradDipEnvMgt(WaterRes)

Master of Environmental Management (Conservation) MEnvMgt(Cons)

Master of Environmental Management (Natural Resources) *MEnvMgt(NatRes)*

Master of Environmental Management (Water Resources) MEnvMgt(WaterRes)

Course Study Modes and Locations

Master of Environmental Management (4708EM)

Distance Education - Albury-Wodonga

Availability is subject to change, please verify prior to enrolment.

Normal course duration

Master of Environmental Management (with specialisations)

Full-time 1.5 years (3.0 sessions)

Part-time 3.0 years (6.0 sessions)

Duration of course is 0.5 EFTY for students who have completed the Graduate Diploma in Environmental Management

Graduate Diploma of Environmental Management (with specialisations) [Exit Point Only]

Full-time 1.0 years (2.0 sessions)

Part-time 2.0 years (4.0 sessions)

Duration of course is 0.5 EFTY for students who have completed the Graduate Certificate in Environmental Management

Graduate Certificate in Environmental Management (with specialisations) [Exit Point Only]

Full-time 0.5 years (1.0 sessions)

Part-time 1.0 years (2.0 sessions)

Normal course duration is the effective period of time taken to complete a course when studied Full-time (Full-time Equivalent: FTE). Students are advised to consult the Enrolment Pattern for the actual length of study. Not all courses are offered in Full-time mode.

Admission criteria

CSU Admission Policy

Master of Environmental Management (with specialisations)

Applicants would normally hold a three year Degree or equivalent in a relevant discipline or have extensive relevant industry experience to the satisfaction of the course coordinator. Students wishing to apply for admission based on relevant industry experience should discuss requirements with the course coordinator prior to applying.

Credit

CSU Credit Policy

Master of Environmental Management (with specialisations)

Students who have completed the Graduate Diploma of Environmental Management will be eligible for 64 points of credit.

Articulation

The Master, Graduate Diploma [Exit Point Only] and Graduate Certificate [Exit Point Only] make up an articulated set of courses and credit is given in each higher level course for the subjects completed in the lower.

Graduation requirements

Master of Environmental Management (with specialisations)

To graduate students must satisfactorily complete 96 points.

Graduate Diploma of Environmental Management (with specialisations) [Exit Point Only]

To graduate students must satisfactorily complete 64 points.

Graduate Certificate in Environmental Management (with specialisations) [Exit Point Only]

To graduate students must satisfactorily complete 32 points.

Course Structure

Master of Environmental Management (with specialisations)

The course consists of 96 points for the Master degree. The first 32 points comprise the Graduate Certificate exit point and the first 64 points comprise the Graduate Diploma exit point. Subjects may be substituted with the approval of the Courses Director. Normally students will select one of the specialisations. However, students may select the prescribed number of subjects from a mix of the subject pools. If no clear specialisation is completed students will graduate from the generic course Master of Environmental Management.

Graduate Certificate in Environmental Management (Conservation) (exit point) Students select 4 subjects (32 points) from the list below.

- BIO401 River and Floodplain Ecology
- **BIO402** River Restoration and Protection
- BIO416 Conservation Biology
- **BIO430** Avian Biology
- **BIO439** Behavioural Ecology
- BIO461 Applied Ecological Conservation
- **BIO521** Restoration Ecology
- ENM422 Environmental Impact Assessment and Auditing
- ENM433 People in the Global Environment
- <u>GEO503</u> Climatology

LAW530 Environmental Law and Management

PKM562 Environmental Policy

SPA415 Principles of Geographic Information Systems

<u>SPA417</u> Remote Sensing of the Environment

Graduate Diploma of Environmental Management (Conservation) (exit point) Students select 8 subjects (64 points) from the list below.

Note students wishing to exit with a Graduate Diploma can only have a maximum of 2 undergraduate subjects (i.e. subject code numbers 399 or lower) unless they have permission from the Course Director.

BIO312 Landscape Ecology

- BIO326 Vegetation and Disturbance Management
- BIO327 Wildlife Ecology and Management
- BIO401 River and Floodplain Ecology

BIO402 River Restoration and Protection

- BIO416 Conservation Biology
- BIO430 Avian Biology
- **BIO439** Behavioural Ecology
- **BIO461** Applied Ecological Conservation
- **BIO521** Restoration Ecology
- ENM308 The Challenge of Sustainable Development
- ENM422 Environmental Impact Assessment and Auditing
- ENM433 People in the Global Environment
- GEO503 Climatology
- LAW530 Environmental Law and Management
- PKM307 Environmental Planning
- PKM562 Environmental Policy
- SCI302 International Practical Experience 2
- SPA405 Image Analysis
- SPA406 GIS Applications
- SPA412 Integrated GIS/Remote Sensing
- <u>SPA414</u> Critical Review of GIS and Geocomputation
- SPA415 Principles of Geographic Information Systems
- SPA417 Remote Sensing of the Environment

Master of Environmental Management (Conservation)

In addition to the subjects completed for the Graduate Diploma students must complete an additional 4 subjects (32 points). Students may select subjects from the designated Graduate Diploma Subject Pool for their specialisation and from the capstone subjects listed below ensuring that at least one of the Masters subjects is from the capstone list.

Capstone List

ENM509 Managing Projects and Resources

ENM413 The Principles and Practice of Field Ecology

LAW530 Environmental Law and Management PKM562 Environmental Policy

Graduate Certificate in Environmental Management (Natural Resources) (exit point) Students select 4 subjects (32 points) from the list below.

AGR475 Sustainable Agriculture: Issues and Viewpoints

AGR512 Property and Catchment Planning

AHT404 Climate Change Impacts, Mitigation and Adaptation

BIO416 Conservation Biology

BIO461 Applied Ecological Conservation

BIO521 Restoration Ecology

ENM415 Environmental Management of Mine Sites and Contaminated Lands

ENM422 Environmental Impact Assessment and Auditing

ENM433 People in the Global Environment

ENM443 Resilience Thinking and Ecologically Sustainable Development

GEO503 Climatology

- LAW530 Environmental Law and Management
- PAD591 Public Sector Management
- PKM562 Environmental Policy
- PKM466 Culture and Heritage
- PSC420 Water Policy and Management
- SSC503 Rural Populations and Places
- SPA415 Principles of Geographic Information Systems
- SPA417 Remote Sensing of the Environment

Graduate Diploma of Environmental Management (Natural Resources) (exit point) Students select 8 subjects (64 points) from the list below.

Note students wishing to exit with a Graduate Diploma can only have a maximum of 2 undergraduate subjects (i.e. subject code numbers 399 or lower) unless they have permission from the Courses Director.

AGR304 Agricultural Ecology

AGR475 Sustainable Agriculture: Issues and Viewpoints

AGR512 Property and Catchment Planning

<u>AHT404</u> Climate Change Impacts, Mitigation and Adaptation

BIO416 Conservation Biology

BIO461 Applied Ecological Conservation

BIO521 Restoration Ecology

ECO356 Environmental Economics

ENM308 The Challenge of Sustainable Development

ENM415 Environmental Management of Mine Sites and Contaminated Lands

ENM422 Environmental Impact Assessment and Auditing

- ENM433 People in the Global Environment
- ENM443 Resilience Thinking and Ecologically Sustainable Development
- GEO503 Climatology
- GEO305 Groundwater Hydrology and Management
- GEO360 Community Engagement and Capacity Building
- LAW530 Environmental Law and Management
- PAD591 Public Sector Management
- PKM307 Environmental Planning
- PKM366 Site Survey Design
- PKM397 Heritage Site Management
- PKM398 Cultural Heritage Policies and Planning
- PKM466 Culture and Heritage
- PKM562 Environmental Policy
- PSC420 Water Policy and Management
- SCI302 International Practical Experience 2
- SOC302 Environment and Society
- SOC308 Community Analysis
- SSC503 Rural Populations and Places
- SPA405 Image Analysis
- SPA406 GIS Applications
- SPA412 Integrated GIS/Remote Sensing
- SPA414 Critical Review of GIS and Geocomputation
- SPA415 Principles of Geographic Information Systems
- SPA417 Remote Sensing of the Environment

Master of Environmental Management (Natural Resources)

In addition to the subjects completed for the Graduate Diploma students must complete an additional 4 subjects (32 points). Students may select subjects from the designated Graduate Diploma Subject Pool for their specialisation and from the capstone subjects listed below ensuring that at least one of the Masters subjects is from the capstone list.

Capstone List

ENM509 Managing Projects and Resources

- ENM413 The Principles and Practice of Field Ecology
- LAW530 Environmental Law and Management
- PKM562 Environmental Policy

Graduate Certificate in Environmental Management (Water Resources) (exit point) Students select subjects (32 points) from the list below.

- **BIO416** Conservation Biology
- BIO521 Restoration Ecology
- BIO401 River and Floodplain Ecology

- **BIO402** River Restoration and Protection
- ENM415 Environmental Management of Mine Sites and Contaminated Lands
- ENM422 Environmental Impact Assessment and Auditing
- ENM433 People in the Global Environment
- <u>GEO513</u> River Hydrology and Geomorphology
- IRR400 Principles of Irrigation (Post Graduate)
- LAW530 Environmental Law and Management
- PKM562 Environmental Policy
- PSC420 Water Policy and Management
- <u>SPA415</u> Principles of Geographic Information Systems
- SPA417 Remote Sensing of the Environment

Graduate Diploma of Environmental Management (Water Resources) (exit

point)Students select 8 subjects (64 points) from the list below.

Note students wishing to exit with a graduate certificate level must choose no more than 2 undergraduate subjects (i.e. code numbers 399 or below) unless they have permission of the Courses Director.

- **<u>BIO401</u>** River and Floodplain Ecology
- BIO402 River Restoration and Protection
- BIO416 Conservation Biology
- **BIO521** Restoration Ecology
- ECO356 Environmental Economics
- ENM415 Environmental Management of Mine Sites and Contaminated Lands
- ENM422 Environmental Impact Assessment and Auditing
- ENM433 People in the Global Environment
- GEO305 Groundwater Hydrology and Management
- GEO360 Community Engagement and Capacity Building
- <u>GEO513</u> River Hydrology and Geomorphology
- LAW530 Environmental Law and Management
- IRR400 Principles of Irrigation (Post Graduate)
- PKM562 Environmental Policy
- PSC420 Water Policy and Management
- SCI302 International Practical Experience 2
- SPA405 Image Analysis
- SPA406 GIS Applications
- SPA412 Integrated GIS/Remote Sensing
- <u>SPA414</u> Critical Review of GIS and Geocomputation
- <u>SPA415</u> Principles of Geographic Information Systems
- SPA417 Remote Sensing of the Environment

Master of Environmental Management (Water Resources)In addition to the subjects completed for the Graduate Diploma students must complete an additional 4 subjects (32 points). Students may select subjects from the designated Graduate Diploma Subject Pool for their specialisation and from the capstone subjects listed below ensuring that at least one of the Masters subjects is from the capstone list.

Capstone List

ENM509 Managing Projects and Resources LAW530 Environmental Law and Management PKM562 Environmental Policy

Enrolment Pattern

Part-time

Conservation Specialisation

Students select from the following subject list:

Subjects offered in Session 30

- BIO312 Landscape Ecology BIO326 Vegetation and Disturbance Management BIO401 River and Floodplain Ecology
- BIO416 Conservation Biology
- BIO430 Avian Biology
- BIO461 Applied Ecological Conservation
- ENM308 The Challenge of Sustainable Development
- ENM433 People in the Global Environment
- PKM307 Environmental Planning
- PKM562 Environmental Policy
- SCI302 International Practical Experience 2
- <u>SPA414</u> Critical Review of GIS and Geocomputation
- SPA415 Principles of Geographic Information Systems
- SPA417 Remote Sensing of the Environment

Subjects offered in Session 60

- BIO327 Wildlife Ecology and Management
- **BIO402** River Restoration and Protection
- **BIO439** Behavioural Ecology
- **BIO521** Restoration Ecology

ENM422 Environmental Impact Assessment and Auditing
 GEO503 Climatology
 LAW530 Environmental Law and Management
 SCI302 International Practical Experience 2
 SPA405 Image Analysis
 SPA406 GIS Applications
 SPA412 Integrated GIS/Remote Sensing

Subjects offered in Session 90

It is optional for students to undertake studies in this semester. The School offers a limited number of subjects.

Students may opt to exit after completion of 32 subject points with the Graduate Certificate in Environmental Management (Conservation) qualification.

Students may opt to exit after completion of 64 subject points with the Graduate Diploma of Environmental Management (Conservation) qualification.

Additional enrolment for Masters qualification

Complete 4 subjects (32 points) selected from the Graduate Diploma Subject Pool or from the capstone list.

Session 30

Elective (selected from the subject pool) or capstone subject Elective (selected from the subject pool) or capstone subject

Session 60

Elective (selected from the subject pool) or capstone subject Elective (selected from the subject pool) or capstone subject

Natural Resources Specialisation

Students select from the following subject list:

Subjects offered in Session 30

AGR304Agricultural EcologyAGR475Sustainable Agriculture: Issues and ViewpointsAGR512Property and Catchment PlanningBIO416Conservation BiologyBIO461Applied Ecological ConservationECO356Environmental EconomicsENM308The Challenge of Sustainable DevelopmentENM415Environmental Management of Mine Sites and Contaminated LandsENM433People in the Global EnvironmentPKM307Environmental Planning

PKM397 Heritage Site Management

PKM562 Environmental Policy

<u>SCI302</u> International Practical Experience 2

SOC308 Community Analysis

<u>SPA414</u> Critical Review of GIS and Geocomputation

<u>SPA415</u> Principles of Geographic Information Systems

SPA417 Remote Sensing of the Environment

Subjects offered in Session 60

AHT404 Climate Change Impacts, Mitigation and Adaptation BIO521 Restoration Ecology ENM422 Environmental Impact Assessment and Auditing ENM443 Resilience Thinking and Ecologically Sustainable Development GEO360 Community Engagement and Capacity Building GEO305 Groundwater Hydrology and Management GEO503 Climatology LAW530 Environmental Law and Management PAD591 Public Sector Management PKM398 Cultural Heritage Policies and Planning PKM466 Culture and Heritage PSC420 Water Policy and Management SCI302 International Practical Experience 2 SPA405 Image Analysis SPA406 GIS Applications

SPA412 Integrated GIS/Remote Sensing

SSC503 Rural Populations and Places

Subjects offered in Session 90

It is optional for students to undertake studies in this semester. The school offers a limited number of subjects.

Students may opt to exit after completion of 32 subject points with the Graduate Certificate in Environmental Management (Natural Resources) qualification.

Students may opt to exit after completion of 64 subject points with the Graduate Diploma of Environmental Management (Natural Resources) qualification.

Additional enrolment for Masters qualification

Complete 4 subjects (32 points) selected from the Graduate Diploma Subject Pool or from the capstone list.

Session 30

Elective (selected from the subject pool) or capstone subject Elective (selected from the subject pool) or capstone subject Elective (selected from the subject pool) or capstone subject Elective (selected from the subject pool) or capstone subject

Water Resources Specialisation

Students select from the following subject list:

Subjects offered in Session 30

BIO401 River and Floodplain Ecology
ECO356 Environmental Economics
ENM415 Environmental Management of Mine Sites and Contaminated Lands
ENM433 People in the Global Environment
GEO513 River Hydrology and Geomorphology
PKM562 Environmental Policy
SCI302 International Practical Experience 2
SPA414 Critical Review of GIS and Geocomputation
SPA415 Principles of Geographic Information Systems

SPA417 Remote Sensing of the Environment

Subjects offered in Session 60

BIO402 River Restoration and Protection

BIO521 Restoration Ecology

ENM422 Environmental Impact Assessment and Auditing

GEO305 Groundwater Hydrology and Management

<u>GEO360</u> Community Engagement and Capacity Building

IRR400 Principles of Irrigation

LAW530 Environmental Law and Management

PSC420 Water Policy and Management

SCI302 International Practical Experience 2

SPA405 Image Analysis

SPA406 GIS Applications

SPA412 Integrated GIS/Remote Sensing

Subjects offered in Session 90

It is optional for students to undertake studies in this semester. The School offers a limited number of subjects.

Students may opt to exit after completion of 32 subject points with the Graduate Certificate in Environmental Management (Water Resources) qualification.

Students may opt to exit after completion of 64 subject points with the Graduate Diploma of Environmental Management (Water Resources) qualification.

Additional enrolment for Masters qualification

Complete 4 subjects (32 points) selected from the Graduate Diploma Subject Pool or from the capstone list.

Session 30

Elective (selected from the subject pool) or capstone subject Elective (selected from the subject pool)

Session 60

Elective (selected from the subject pool) or capstone subject Elective (selected from the subject pool) or capstone subject

Residential School

Please note that the following subjects may have a residential school component.

AGR304 Agricultural Ecology BIO326 Vegetation and Disturbance Management BIO327 Wildlife Ecology and Management BIO401 River and Floodplain Ecology BIO402 River Restoration and Protection IRR400 Principles of Irrigation PKM366 Site Survey Design PKM397 Heritage Site Management PKM398 Cultural Heritage Policies and Planning PKM466 Culture and Heritage PSC420 Water Policy and Management

Enrolled students can find further information about CSU residential schools via the <u>About</u> <u>Residential School</u> page.

Contact

Current Students

For any enquiries about subject selection or course structure you will need to contact your Course Director. You can find the name and contact details for your Course Director in your offer letter or contact your School office.

Prospective Students

For further information about Charles Sturt University, or this course offering, please contact info.csu on 1800 334 733 (free call within Australia) or <u>enquire online.</u>

The information contained in the 2017 CSU Handbook was accurate at the date of publication: May 2017. The University reserves the right to vary the information at any time without notice.

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