# Bachelor of Environmental Science and Management (Honours) Integrated Honours

## includes:

## Bachelor of Environmental Science and Management (Honours) Bachelor of Environmental Science and Management

Graduates of this course have skills and knowledge in the physical, biological, and social sciences needed to restore damaged environments and create healthy and resilient ecosystems. Graduates are employed by government departments, environmental consulting companies, and a range of other organisations as environmental scientists and managers, Landcare officers, catchment management officers, land and water officers, or ecologists. Graduates will use their skills and knowledge to address a range of complex environmental problems including associated with land degradation, loss of biodiversity, climate change, or poor water management in organised, critical, and imaginative ways

## The course includes the following awards:

Bachelor of Environmental Science and Management BEnvSc&Mgt

Bachelor of Environmental Science and Management (Honours) BEnvSc&Mgt(Hons)

## **Course Study Modes and Locations**

## Bachelor of Environmental Science and Management (4410EM)

## On Campus - Albury-Wodonga

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

## Normal course duration

## Bachelor of Environmental Science and Management

Full-time 4 years (8.0 sessions)

#### Bachelor of Environmental Science and Management (Honours)

Full-time 4 years (8.0 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

#### **Bachelor of Environmental Science and Management (Honours)**

CRITERIA FOR TRANSFER TO HONOURS STREAM Transfer to honours stream can be made only after the satisfactory completion of 2.5 years, for students with credit average and above, or at the discretion of the course coordinator.

#### **Bachelor of Environmental Science and Management**

Applicants are normally expected to hold the NSW HSC or recognised equivalent. Admission will be based upon ATAR score. Applicants who do not hold the HSC or recognised equivalent need to meet the minimum requirements for 'other' admission as set by the University. As admission quotas apply, applications must be ranked. For ranking purposes, applications are assessed on a combination of work or industry experience, evidence of academic ability (studies undertaken) and where applicable, demonstrated skills or proficiency as required for the course for which admission is being sought.

#### Credit

CSU Credit Policy

Bachelor of Environmental Science and Management (Honours)

No special arrangements apply

**Bachelor of Environmental Science and Management** 

No special arrangements apply

## **Graduation requirements**

#### **Bachelor of Environmental Science and Management (Honours)**

To graduate students must satisfactorily complete 256 points.

#### **Bachelor of Environmental Science and Management**

To graduate students must satisfactorily complete 256 points.

## **Course Structure**

The course consists of a pass or honours stream. Students choose to undertake the pass or honours degree in the second session of year 3, please see admission criteria for eligibility.

Pass Degree The pass degree consists of the following course subjects and one elective.

Core subjects **BIO112**Principles of Ecology **BIO203**Animal Diversity **BIO216**Conservation Biology **BIO262**Vegetation Ecology **BIO263**Methods for Environmental Data Analysis BIO323River and Floodplain Ecology BIO326Vegetation and Disturbance Management (16 points) BIO327 Wildlife Management (16 points) **BIO328**Restoration Ecology ENM101People and the Environment ENM109Introduction to Professional Practice ENM163Natural Resource Management ENM221Conservation in a Global Context ENM422Environmental Impact Assessment and Auditing ENM424Environmental Management Internship (24 points) ENM433People in the Global Environment **GEO164**Earth System Processes GEO204Ecological and Environmental Soil Science GEO360Community Engagement and Capacity Building PKM266Culture and Heritage **PKM307Environmental Planning** ENM308The Challenge of Sustainable Development SCI103Communicating Environmental Data SCI302 International Practical Experience 2

<u>SPA215</u>Principles of GIS <u>SPA217</u>Principles of Remote Sensing <u>SPA308</u>GIS Applications

and one elective

Honours Stream The Honours stream consists of the following core subjects.

Core subjects BIO112Principles of Ecology **BIO203**Animal Diversity **BIO262**Vegetation Ecology **BIO263**Methods for Environmental Data Analysis **BIO323**River and Floodplain Ecology BIO326Vegetation and Disturbance Management (16 points) BIO327 Wildlife Management (16 points) ENM101People and the Environment ENM109Introduction to Professional Practice ENM163Natural Resource Management ENM221Conservation in a Global Context ENM422Environmental Impact Assessment and Auditing GEO164Earth System Processes GEO204Ecological and Environmental Soil Science GEO360Community Engagement and Capacity Building PKM266Culture and Heritage PKM307Environmental Planning SCI103Communicating Environmental Data SCI302International Practical Experience 2 SPA215Principles of GIS SPA217Principles of Remote Sensing SPA308GIS Applications

Students will undertake the same enrolment pattern as those students enrolling in the Bachelor of Science (Honours), and should consult their School Honours Co-ordinator for advice on their enrolment pattern

## **Enrolment Pattern**

Normally four years by full-time study (32 Points per semester)

Note: students may be able to decrease the length of time it takes to complete their degree by enrolling subjects that are available in Session 3 (90).

The pattern below assumes no session 90 subjects are taken. The pattern would need to be modified so the environmental internship occurs earlier should they wish to do session 90 subjects.

Year 1- Session 1 (30) <u>SCI103</u>Communicating Environmental Data <u>ENM109</u>Introduction to Professional Practice <u>ENM101</u>People and the Environment BIO263Methods for Environmental Data Analysis

Year 1- Session 2 (60) <u>BIO112</u>Principles of Ecology <u>GEO164</u>Earth System Processes <u>ENM163</u>Natural Resource Management <u>ENM221</u>Conservation in a Global Context

Year 1-Session 3 (90). It is optional for students to undertake studies in this semester.

Year 2- Session 1 (30) <u>SPA215</u>Principles of GIS <u>SPA217</u>Principles of Remote Sensing <u>GEO204</u>Ecological and Environmental Soil Science <u>BIO203</u>Animal Diversity

Year 2-Session 2 (60) <u>PKM266</u>Culture and Heritage <u>BIO262</u>Vegetation Ecology <u>BIO327</u>Wildlife Management (16 points)

Year 2 Session 3 (90). It is optional for students to undertake studies in this semester.

Year 3 - Session 1 (30) <u>PKM307</u>Environmental Planning <u>BIO323</u>River and Floodplain Ecology <u>BIO326</u>Vegetation and Disturbance Management (16 points)

Year 3 - Session 2 (60) <u>SCI302</u>International Practical Experience 2 <u>GEO360</u>Community Engagement and Capacity Building <u>SPA308</u>GIS Applications <u>ENM422</u>Environmental Impact Assessment and Auditing

Year 3 - Session 3 (90). It is optional for students to undertake studies in this semester.

Year 4 - Session 1 (30) <u>ENM308</u>The Challenge of Sustainable Development <u>BIO216</u>Conservation Biology <u>ENM433</u>People in the Global Environment Elective

Session 2 (60) <u>ENM424</u>Environmental Management Internship (24 points) <u>BIO328</u>Restoration Ecology

Honours Stream The pattern below assumes no session 90 subjects are taken. The pattern would need to be modified should a student become eligible for honours in less than three years

Year 1- Session 1 (30) <u>SCI103</u>Communicating Environmental Data <u>ENM109</u>Introduction to Professional Practice <u>ENM101</u>People and the Environment <u>BIO263</u>Methods for Environmental Data Analysis

Year 1- Session 2 (60) <u>BIO112</u>Principles of Ecology <u>GEO164</u>Earth System Processes <u>ENM163</u>Natural Resource Management <u>ENM221</u>Conservation in a Global Context

Year 1-Session 3 (90). It is optional for students to undertake studies in this semester.

Year 2- Session 1 (30) <u>SPA215</u>Principles of GIS <u>SPA217</u>Principles of Remote Sensing <u>GEO204</u>Ecological and Environmental Soil Science <u>BIO203</u>Animal Diversity

Year 2-Session 2 (60) <u>PKM266</u>Culture and Heritage <u>BIO262</u>Vegetation Ecology <u>BIO327</u>Wildlife Management (16 points)

Year 2 Session 3 (90). It is optional for students to undertake studies in this semester.

Year 3 - Session 1 (30) <u>PKM307</u>Environmental Planning <u>BIO323</u>River and Floodplain Ecology BIO326Vegetation and Disturbance Management (16 points)

Year 3 - Session 2 (60) <u>SCI302</u>International Practical Experience 2 <u>GEO360</u>Community Engagement and Capacity Building <u>SPA308</u>GIS Applications <u>ENM422</u>Environmental Impact Assessment and Auditing

Year 3 - Session 3 (90). It is optional for students to undertake studies in this semester.

Year 4 Session 1 (30). Faculty Honours stream (research methods, project and dissertation)

Session 2 (60). Faculty Honours stream (project and dissertation)

## Workplace learning

Please note that the following subjects may contain a Workplace Learning component.

ENM109 Introduction to Professional Practice ENM424 Environmental Internship

## **Residential School**

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

BIO203 Animal Diversity BIO262 Vegetation Ecology BIO323 River and Floodplain Ecology BIO326 Vegetation and Disturbance Management BIO327 Wildlife Ecology and Management ENM101 People and the Environment PKM266 Culture and Heritage

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

# Contact

For further information about Charles Sturt University, or this course offering, please contact info.csu on 1800 334 733 (free call within Australia) or email inquiry@csu.edu.au

The information contained in the 2016 CSU Handbook was accurate at the date of publication: October 2015. The University reserves the right to vary the information at any time without notice.

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