Course Outline (Higher Education)

Federation
UNIVERSITY • AUSTRALIA

School:	School of Health and Life Sciences
Course Title:	WILDLIFE ECOLOGY AND CONSERVATION
Course ID:	SCENV3202
Credit Points:	15.00
Prerequisite(s):	(SCENV1002 or SCENV1502)
Co-requisite(s):	Nil
Exclusion(s):	Nil
ASCED Code:	050901

Description of the Course :

Wildlife Ecology and Conservation explores the knowledge and skills required to conserve and manage wildlife species, populations and communities. There is a strong focus on how wildlife are managed in contemporary landscapes,exploring the impact of processes such as fragmentation, urbanisation and utilisation on wildlife. The conservation of wildife species is considered in detail including the policy and regulatory frameworks, the establishment of priorities and the practicality of implementing conservation actions.

Grade Scheme: Graded (HD, D, C, etc.)

Work Experience:

No work experience: Student is not undertaking work experience in industry.

Placement Component: No

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the course but gained a final mark of 45 per cent or above and submitted all major assessment tasks..

Program Level:

AQF Level of Program					
5	**6**	**7**	**8**	**9**	**10**
Level					
Introductory					
Intermediate					
Advanced		✔			

Learning Outcomes:

Students undertaking this course are expected to be able to demonstrate the following knowledge and skills.

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Knowledge:

K1. Evaluate the attributes of species and populations that place them at conservation risk.

K2. Decide on appropriate strategies and approaches to conserve and manage species and populations.

K3. Examine the ecology of species and populations to develop appropriate management and conservation actions.

Skills:

S1. Examine, critically evaluate and summarise published ecological material and concepts.

S2. Examine the role of wildlife ecology in determining appropriate conservation and management actions.

S3. Problem-solve to instigate practical measures and actions to address wildlife ecology and management issues.

Application of knowledge and skills:

A1. Conduct investigations into the management of wildlife populations.

A2. Practice the fundamental knowledge, methods, technology and approaches used in wildlife management and conservation.

A3. Integrate sound ecological knowledge to describe and justify wildlife management decisions.

Course Content:

Wildlife Ecology and Conservation explores the knowledge and skills required to conserve and manage wildlife species and populations. There is a strong focus on how wildlife are managed in contemporary landscapes and topics explore the impact of processes such as fragmentation, urbanisation and utilisation of wildlife. Other topics explore wildlife conservation issues and key legislation.

Topics may include:

- Human utilisation of wildlife.
- Fragmentation and wildlife management and conservation.
- Endangered species management.
- Managing human-wildlife conflict.
- Wildlife in urban landscapes.
- Wildlife management approaches at local, national and international scales.

Values:

V1. Recognise and appreciate the need for ethical considerations in wildlife management and conservation.

V2. Value the application and usefulness of ecological theory to wildlife management strategies.

V3. Develop further insight into learning and self-development through reflective practice and self-guided learning.

Graduate Attributes:

FedUni graduate attributes statement. To have graduates with knowledge, skills and competence that enable them to stand out as critical, creative and enquiring learners who are capable, flexible and work ready, and responsible, ethical and engaged citizens.

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Attribute	Brief Description	Focus
Knowledge, skills and competence	Students experience opportunities through independent and group based activities, to take ownership of their learning and develop approaches through information gathering and evaluation that will prepare them for life long learning.	High
Critical, creative and enquiring learners	Students will develop and apply appropriate discipline knowledge to identify and solve wildlife management issues and problems and in doing so, critically review available information. Students will work independently and in groups to learn through different means, and in a range of settings.	High
Capable, flexible and work ready	Students will enage in authentic learning tasks that will prepare them to be capable, work ready graduates. Focus on problem-solving in complex situations will contribute to flexible, intuitive learners.	Medium
Responsible, ethical and engaged citizens	An appreciation of the role and contribution that wildlife management and conservation has in society well-being. Students are reminded of their social and ethical responsibilities as scientists.	High

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, S1, S2, S3, A2, A3	Complete tutorial activities critically analysing issues in wildlife conservation and management.	Portfolio	10-30%
K1, K2, K3, S1, S2, A2, A3	Collate and review information on a threatened species and prepare a Species Action Statement to current industry standards.	Professional report	20-30%
K1, K2, K3, S1, S2, S3, A1, A2, A3	Undertake a study that investigates an aspect of wildlife conservation or management and produce a scientific output based on the findings.	Scientific output	20-30%
K1, K2, K3, S2, A2, A3	Demonstration, application and interpretation of knowledge and skills.	Theory exam	30-40%

Adopted Reference Style:

Australian