



Course Outline (Higher Education)

School:	School of Science, Psychology and Sport
Course Title:	WILDLIFE ECOLOGY AND CONSERVATION
Course ID:	SCENV2202
Credit Points:	15.00
Prerequisite(s):	(SCENV1002 or SCENV1502)
Co-requisite(s):	Nil
Exclusion(s):	(SCENV3202)
ASCED:	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 of wildlife. The conservation of wildlife species is considered in detail including the policy and regulatory frameworks, the establishment of conservation 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:

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:

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

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

The Federation University FedUni graduate attributes (GA) are entrenched in the Higher Education Graduate Attributes Policy (LT1228). FedUni graduates develop these graduate attributes through their engagement in explicit learning and teaching and assessment tasks that are embedded in all FedUni programs. Graduate attribute attainment typically follows an incremental development process mapped through program progression. **One or more graduate attributes must be evident in the specified learning outcomes**

and assessment for each FedUni course, and all attributes must be directly assessed in each program

Graduate attribute and descriptor		Development and acquisition of GAs in the course			
		Learning Outcomes (KSA)	Code A. Direct B. Indirect N/A Not addressed	Assessment task (AT#)	Code A. Certain B. Likely C. Possible N/A Not likely
GA 1 Thinkers	Our graduates are curious, reflective and critical. Able to analyse the world in a way that generates valued insights, they are change makers seeking and creating new solutions.	K1, K2, K3, S1, S2, S3, A1, A2, A3	A, A, A, A, A, A, A, A, A	AT#1, AT#2, AT#3, AT#4	A, A, A, A
GA 2 Innovators	Our graduates have ideas and are able to realise their dreams. They think and act creatively to achieve and inspire positive change.	K2, K3, S2, S3, A2, A3	A, A, A, A, A, A	AT#1, AT#2, AT#3	A, A, A, B
GA 3 Citizens	Our graduates engage in socially and culturally appropriate ways to advance individual, community and global well-being. They are socially and environmentally aware, acting ethically, equitably and compassionately.	K2, K3, S2, S3, A2, A3	A, A, B, B, A, A	AT#1, AT#2, AT#3	A, A, A
GA 4 Communicators	Our graduates create, exchange, impart and convey information, ideas, and concepts effectively. They are respectful, inclusive and empathetic towards their audience, and express thoughts, feelings and information in ways that help others to understand.	A3	A	AT#1, AT#2, AT#3	A, A, A
GA 5 Leaders	Our graduates display and promote positive behaviours, and aspire to make a difference. They act with integrity, are receptive to alternatives and foster sustainable and resilient practices.	K2, K3, S2, S3, A3	B, B, B, B, B	AT#1, AT#2, AT#3,	B, B, B

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, S1, S2, S3, A2, A3	Complete activities critically analysing issues in wildlife conservation and management.	Opinion piece	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	30-40%
K1, K2, K3, S1, S2, S3, A1, A2, A3	Undertake a study that investigates an aspect of Human Wildlife Conflict 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 test	20-40%

Adopted Reference Style:

Australian Harvard