Unit Outline (Higher Education)

Institute / School:	Institute of Innovation, Science & Sustainability
Unit Title:	WILDLIFE ECOLOGY AND CONSERVATION
Unit ID:	SCENV2202
Credit Points:	15.00
Prerequisite(s):	(SCENV1002 or SCENV1502)
Co-requisite(s):	Nil
Exclusion(s):	(SCENV3202)
ASCED:	050901

Description of the Unit:

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 utalisation of wildlife. The conservation of wildife 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, P, MF, F, XF)

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 Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of supplementary assessment

Course Level:

Level of Unit in Course	AQF Level of Course					
	5	**6**	**7**	**8**	**9**	**10**
Introductory						
Intermediate			✔			

Level of Unit in Course	AQF Level of Course					
	5	**6**	**7**	**8**	**9**	**10**
Advanced	☐	☐	☐	☐	☐	☐

Learning Outcomes:

Students undertaking this unit 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.

Unit 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.

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment 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%

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
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

Refer to the [library website](#) for more information

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