

Course Outline (Higher Education)

School:	School of Health and Life Sciences
Course Title:	ECOSYSTEMS AND BIORESOURCES
Course ID:	ENVGC2726
Credit Points:	15.00
Prerequisite(s):	(ENVGC1711)
Co-requisite(s):	Nil
Exclusion(s):	Nil
ASCED:	050999

Description of the Course :

ENVGC2726 begins with an overview of biodiversity and biological resources and the issues involved in the conserving and sustainable management of these resources. Reasons for, and methods of, measuring and monitoring species, populations, habitats, communities and ecosystems are explored with the aim of addressing environmental problems such as habitat loss and species loss, and the impacts of these on ecosystem function and therefore on biological resources. Specific case studies are presented. The subject continues with the identification and discussion of factors which may affect the sustainable management of biological resources. Students will choose a case study and examine, in project work, how such factors may affect a specific conservation program.

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

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..

Learning Outcomes:

On completion of this unit students will be able to:

1. Discuss the major issues relating to the sustainable use of biological resources;
2. Explain the methods of conservation at various levels (eg. species, population, community, ecosystem etc.) and discuss the various conservation strategies that are available;
3. Express their opinions regarding the usefulness or desirability of particular conservation and/or management strategies in particular circumstances;
4. Identify and discuss various issues, which can affect conservation attempts and apply knowledge of these issues in order to recommend conservation strategies for real or hypothetical situations;
5. Identify the importance of healthy ecosystems and biological resources in the wider field of resource management.

Course Content:

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Values and Graduate Attributes:

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
Assignments	Assignments	Assignments	50%
Examination	Examination	Examination	50%

Adopted Reference Style: