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MODULE DESCRIPTOR

Module Title

Ecological Architecture

Reference	SU4015	Version	4
Created	June 2017	SCQF Level	SCQF 10
Approved	July 2002	SCQF Points	15
Amended	November 2017	ECTS Points	7.5

Aims of Module

To provide the student with the ability to examine the inter-relationship between Architecture, people, buildings and the natural environment.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1	Relate the concept of Ecological Design to that of Ecological building and the building as part of an ecological system.
2	Identify the inter-relationship between the psychological and the physical in creating healthy environments.
3	Examine the idea of the vernacular as an ecological concept.
4	Explain how space, form and provision of housing affects human ecology.
5	Assess the importance of water as a design feature within buildings and architecture.

Indicative Module Content

This module will review the construction cycle. Explore buildings and health as well as psychological factors. Introduce "Natural and Healing" Architecture. Investigate Vernacular Architecture, including culture, bioregions, self build and community architecture. Review the politics and power of Architecture. Evaluate Architecture and Philosophy of Steiner, Day, Correa, Hasson, Fathy, et al. Review squatters and indigenous architecture.

Module Delivery

This is a module predominantly involving practical work in relation to a project which may include, field and studio work and where appropriate site visits supported by key note lectures and seminars. Directed study to core texts and resource material will be encouraged.

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Indicative Student Workload	Full Time	Part Time
Contact Hours	65	N/A
Non-Contact Hours	85	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4, 5
Description:	Continuously assessed by coursework in the form of an integrated Ecological Architecture project. The project includes a research report, oral presentation and relevant drawings.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

In order to pass the module students must achieve 35% or greater in each component and 40% or greater overall.

Module Grade	Minimum Requirements to achieve Module Grade:
A	70% or better
B	60% or better
C	50% or better
D	40% or better
E	35% or better
F	Less than 35%
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None, in addition to Stage 4 entry requirements
Corequisites for module	None.
Precluded Modules	None.

ADDITIONAL NOTES

Where appropriate mixed discipline team working will be encouraged.

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INDICATIVE BIBLIOGRAPHY

1	Vale, B. & Vale, R., 1991, Towards a Green Architecture, RIBA Publication.
2	Day, C., 1990, Places of the Soul, Wellingborough.
3	Holdworth, W. & Sealey, A., 1992, Healthy Buildings, London, Longman.
4	Rapaport, A., 1969, House form and culture, Prentice Hall.