

<b>Module Title</b> <b>Ecological Architecture</b>  <b>Keywords</b> Ecological Design, Vernacular, Healthy Buildings, Community, Architecture	Reference SU4015 SCQF SCQF Level 10 SCQF Points 15 ECTS Points 7.5 Created May 2002 Approved July 2002 Amended August 2009 Version No. 3
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## This Version is No Longer Current

The latest version of this module is available [here](#)

### Prerequisites for Module

None, in addition to Stage 4 entry requirements

### Corequisite Modules

None.

### Precluded Modules

None.

### 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:

### Mode of 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.

### Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2,3,4,5
Component 2	1,2,3,4,5

Component 2: (20%) is normally an ecological presentation, peer reviewed.

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.

### **Indicative Student Workload**

	Full	Part
<i>Contact Hours</i>	Time	Time

Component 1: Continuously assessed by coursework in the form of an integrated Ecological Architecture project (100%) consisting of two components. Component One (80%) related to an investigative report into a prescribed or chosen ecological architecture case study.

### **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.

### **Additional Notes**

Where appropriate mixed discipline team working will be encouraged.

Assessment	5	5
Lectures	12	12
Practical Work	24	24
Seminars	24	24

*Directed Study*

Directed Study	50	50
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*Private Study*

Private Study	35	35
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