

Module/Subject Title: **Building Conservation**

Course Code: BAIDO-1-1-09

Pre-requisite Subjects:	Co-requisite Subjects:
	Studio VI
	Environmental Studies

Subject Aims:

- Develop an attitude of care and an appreciation for heritage
- Develop a respect for building tradition
- Encourage the demonstration of this respect in project work
- Support the course and stage learning outcomes specifically with reference to the Project Work, Design and Technology modules

Indicative Subject Content:

Introduction:

Conservation, restoration and preservation
Principles of conservation; research prior to planning of work, minimum intervention, repair rather than replace.

Procedures and legislation

Research, survey, planning, use of experts, scheduling maintenance, recording.
Source of information: regarding Irish and European architecture.
Legislation: Heritage Act, Protective structures, EU and international trends

Site investigation and management

Above ground archaeological surveys, photographs, measured survey, archive and literature search, structure of conservation reports. fire safety, security and maintenance.

Preservation

Understanding of decay process: stone, timber, brick, plaster, paint, glass
Basic cleaning and restoring techniques

Building construction methods used during different architectural periods

Walls internal and external, roofs, ceilings, floors, doors, windows, interior joinery and

fittings, masonry, ironwork and plasterwork lime and mortar, painting and rendering, interior decoration and finishes, paving and street furniture.