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## MODULE DESCRIPTOR

### Module Title

Architectural Design Studio 5

Reference	AC3001	Version	8
Created	June 2022	SCQF Level	SCQF 9
Approved	July 2002	SCQF Points	30
Amended	November 2022	ECTS Points	15

### Aims of Module

To enable students to develop professional skills in sustainable architectural design and communication in relation to existing buildings.

### Learning Outcomes for Module

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

- 1 Analyse and critically appraise the qualities of existing buildings and structures with consideration of conservation and retrofit strategies.
- 2 Analyse an existing building and context, to produce an appropriate response which demonstrates a clear and consistent architectural intention.
- 3 Create architectural designs which show consideration of aesthetic, spatial, compositional, cultural and contextual qualities in relation to existing buildings.
- 4 Apply and integrate technology, environment and zero carbon design with specific consideration of retrofit and conservation.
- 5 Communicate design intentions verbally and in 2D and 3D to a professional standard using multi-media techniques and BIM.

### Indicative Module Content

Students undertake a series of exploratory studies based around a main studio design project dealing with a number of aspects of adaptive reuse and architectural design in the context of existing structures. Students analyse a brief and investigate strategies, process, physical, perceptual, performance and sustainability criteria in relation to design, architectural ethos and building elements. These explorations will be carried out through a mixture of graphic and model media as well as some full scale experiments and will include: - Background research into building history - Measuring and recording of elements in existing buildings - Studies in space, volume, materials, light and interior and exterior spaces - Spatial composition in relation to building function and human welfare needs. - Design work to form a small space freestanding or as an extension to serve the defined needs of a client through a brief prepared by the student. - Appropriate understanding of constructional and structural systems in response to a brief. - Recorded critical analysis and reflection of studio design work and precedent study. Each project programme has a clear format to define the task, aims, objectives, introduction to relevant philosophy and technology together with details of presentation, assessment, timetable and bibliography. Context and the need of buildings -and spaces between them- to respond to the conditions of the site in providing environments of appropriate scale, aspiration and durability relative to human needs. Comfort and environmental performance will be explored relative to the building user and prescribed function of the building. Investigations will cover both passive and active design measures and include strategic decisions as well as their integration into the design project. Structure and construction will be investigated both in the existing building as well as in any changes and additions. Regulatory framework of the UK. The role of the architect in society will be examined and students will be encouraged to consider the duties and responsibilities to clients, users and other building professionals as well as wider societal responsibilities and the ongoing impact of design on communities.

### Module Delivery

This is a studio-based module with introductory lectures, individual and group tutorials, private study and design work. Students develop work through self-directed learning, and through tutor consultation. Students will be expected to present their work to staff and other students at periodic reviews and consult regularly with tutors. Tutors provide feedback in across the board tutorials and at reviews.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	59	N/A
Non-Contact Hours	241	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**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: Presentation generated from all tasks related to studio projects, activities, lectures, tutorials and independent study, worth 100% of Module Grade, all presented as a single portfolio submission.

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

The overall module grade is based on 100% weighting of Component 1 (Presentation). An overall minimum grade D is required to pass the module. Non-submission will result in an NS grade.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	D
<b>E</b>	E
<b>F</b>	F
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 Reading lists are issued with the project brief and vary depending on the type of project selected.