

<b>Module Title</b> <b>Architectural Design Studio 5</b>	Reference AC3001 SCQF Level SCQF 9 SCQF Points 30 ECTS Points 15 Created May 2002 Approved July 2002 Amended September 2012 Version No. 4
<b>Keywords</b> Architectural Design, Cultural Context, Construction, Presentation, Existing buildings, Sustainability, Technology, Professional.	

## **This Version is No Longer Current**

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

### **Prerequisites for Module**

AC2004 Architectural Design Studio 4 or equivalent.

### **Corequisite Modules**

None.

### **Precluded Modules**

None.

### **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:

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. This will involve the students in the appraisal and choice of various structural and constructional methods as well as main material choices relative to their design strategy, environmental impact and relative costs. These choices will also be taking relative to the 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

1. Analyse critically the qualities of existing buildings and undertake group/individual research.
2. Develop design solutions in relation to existing buildings demonstrating a clear and consistent architectural intention.
3. Demonstrate integration of culture and context within a design project.
4. Develop the necessary skills to integrate technology and environment within a design project.
5. Communicate design intentions orally and using multi-media techniques as appropriate.

### Indicative Module Content

In this module the students will deal with the redevelopment of an existing building. The design will be of considerable complexity and will require various media and scales to investigate, develop and present their design. Students will be encouraged to critically investigate, challenge and add to the brief based both on an investigation of precedents as well as their strategic choices relative to their role and specific task at hand.

An initial investigation of the

clients, users and other building professionals as well as wider societal responsibilities and the ongoing impact of design on communities.

Successful presentations will clearly show the development of a conceptual and critical approach to the brief and architectural design; integrating both aesthetic and technical requirements of the user in a comprehensive design. Beyond the required high quality conventional documentation students are encouraged to illustrate the concept and character of their design with reference to contemporary artistic practice.

### Indicative Student Workload

<i>Contact Hours</i>	Full Time
Assessment	30
Lectures	5
Studio Tutorials	24
<i>Directed Study</i>	
Directed Study	168
<i>Private Study</i>	
Private Study	73

### Mode of 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

existing building will be undertaken to understand the cultural, social and technological conditions at the time of construction (and at the point of any significant changes). This understanding will enable the students to develop and formulate a reflective and critical approach as to the cultural significance of the building. The result of this should be a clear strategy for dealing with both additions and ?subtractions? to the existing building.

The design development will challenge the students to take account of the complex role of the architect in balancing important parameters to achieve sustainable results and will focus in particular on:

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.

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.

### **Assessment Plan**

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

Component 1: Work is assessed formatively at interim reviews and summatively at portfolio review at the end of each semester.

### **Indicative Bibliography**

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