1. KentVision Code and title of the module

ARCH6002 Detail

## Division and School/Department or partner institution which will be responsible for management of the module

Arts and Humanities, Kent School of Architecture and Planning

## The level of the module (Level 4, Level 5, Level 6 or Level 7)

Level 6

## The number of credits and the ECTS value which the module represents

15 (7.5 ECTS)

## Which term(s) the module is to be taught in (or other teaching pattern)

Spring

## Prerequisite and co-requisite modules and/or any module restrictions

None

## The course(s) of study to which the module contributes

Compulsory to the following courses: BA (Hons) Architecture

## The intended subject specific learning outcomes. On successfully completing the module students will be able to:

* 1. The ability to understand the constructional and structural systems, the environmental strategies and the regulatory requirements that apply to the design and construction of a comprehensive design project. [GC1.2]
  2. Understanding of the impact of buildings on the environment, and the precepts of sustainable design [GC5.2]
  3. An understanding of the need to critically review precedents relevant to the function, organisation and technological strategy of design proposals. [GC7.1]
  4. An understanding of the investigation, critical appraisal and selection of alternative structural, constructional and material systems relevant to architectural design. [GC8.1]
  5. An understanding of strategies for building construction, and ability to integrate knowledge of structural principles and construction techniques. [GC8.2]
  6. An understanding of the physical properties and characteristics of building materials, components and systems, and the environmental impact of specification choices. [GC8.3]
  7. A knowledge of principles associated with designing optimum visual, thermal and acoustic environments. [GC9.1]
  8. Knowledge of systems for environmental comfort realised within relevant precepts of sustainable design. [GC9.2]
  9. Knowledge of strategies for building services, and ability to integrate these in a design project. [GC9.3]
  10. Skills to prepare designs that will meet building users' requirements and comply with UK legislation, appropriate performance standards and health and safety requirements. [GC10.3]

## The intended generic learning outcomes. On successfully completing the module students will be able to:

* 1. An ability to generate design proposals using understanding of a body of knowledge, some at the current boundaries of professional practice and the academic discipline of architecture. [GA1.1]
  2. An ability to apply a range of communication methods and media to present design proposals clearly and effectively. [GA1.2]

## A synopsis of the curriculum

This module will run in parallel with Module ARCH5580 Architectural Design and focuses on the various technological and environmental aspects associated with the comprehensive design project. The module explores contemporary construction techniques and structural systems together with environmental strategies and current Building Regulation requirements.

Delivery will be via a series of weekly lecture followed up by practical seminar sessions where students will be encouraged to critically appraise their technical and environmental design approach with regards to aesthetic, performance and sustainability.

Demonstration of understand will be assessed via the production of a building report that illustrates their T&E response to the technical site analysis; adoption of an appropriate structural system and its construction; appropriate specification of construction materials; and conformity of their design proposal to the Building Regulations with regards to accessibility (Part M), fire safety (Part B) and environmental matters (Part L)

## Reading list

## The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.

## The most up to date reading list for each module can be found on the university's [reading list pages](https://kent.rl.talis.com/index.html).

## Contact Hours

Private Study: 135 hours

Contact Hours: 15 hours

Total: 150 hours

## Assessment methods

* 1. Main assessment methods

Illustrated design report 100%

13.2 Reassessment methods

Like for like

## Map of module learning outcomes (sections 8 & 9) to learning and teaching methods and methods of assessment

**Module learning outcomes against learning and teaching methods:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 8.10 | 9.1 | 9.2 |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |  |  |
| Design and technology lectures | **X** | **X** | **X** | **X** | **X** |  |  |  |  | **X** | **X** | **X** |
| Tutorials / seminars | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Crit presentations | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Private study | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

**Module learning outcomes against assessment methods:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 8.10 | 9.1 | 9.2 |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |  |  |
| Design Report | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

## Inclusive module design

The Division recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

## Campus(es) or centre(s) where module will be delivered

Canterbury

## Internationalisation

Lectures, seminar teaching and tutorials will continue to draw on international source material for historical and contemporary precedents, theories and exemplar architectural case studies.

**DIVISIONAL USE ONLY**

**Module record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

| Date approved | New or major/minor revision | Start date of delivery of (revised) version | Section revised  (if applicable) | Impacts CLOs |
| --- | --- | --- | --- | --- |
| 19/12/2022 | New | 2023/24 | N/A | No |
|  |  |  |  |  |