

MODULE DESCRIPTOR

Module Title

Major Project Part One

Reference	SU4501	Version	1
Created	August 2023	SCQF Level	SCQF 10
Approved	January 2024	SCQF Points	30
Amended		ECTS Points	15

Aims of Module

To provide the student with the ability to formulate strategies and design solutions, which address complex issues relating to building performance and leading industry problems.

Learning Outcomes for Module

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

- 1 Develop a design brief, which identifies and addresses complex issues relating to building performance.
- 2 Justify strategies to resolve problems raised by the design brief through appropriate methodologies.
- 3 Develop, test and produce solutions, which resolve the issues raised by the design brief.
- 4 Justify methodologies and design strategies in a professional manner through oral presentation and critique.
- 5 Develop a research strategy within the context of a project that contributes to knowledge on a specific topic

Indicative Module Content

This module is based on the identification, analysis and resolution of design based building performance issues; Development of a design brief, which involves the identification of complex functional and technical issues relating to building performance; Proposal of methodology for investigation, analysis and resolution of design problem; Data gathering, analysis and formulation of design solutions; Representation and justification of design methodology and solutions in a simulated professional context.

Module 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. Directed study to core texts and resource material will be encouraged. Presentations will be used to discuss work completed to staff typically in a Poster format or digitally.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	110	N/A
Non-Contact Hours	190	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:	Project based individual coursework submitted as a portfolio with posters comprising graphic content, physical models and integrated project information models, with the creation of supporting documentation, including research proposal on a key aspect of the studio work.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The overall module grade is based on 100% weighting of (Coursework). 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:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None, in addition to Stage 4 entry requirements.
Corequisites for module	None.
Precluded Modules	None.

ADDITIONAL NOTES

Where appropriate mixed discipline team working will be encouraged.

INDICATIVE BIBLIOGRAPHY

- 1 Walshaw, E. (2018) Understanding Architectural Details. First In Architecture, 2nd Ed.
- 2 Heisel, F, etal (2022) Circular Construction and Circular Economy, Birkhauser.
- 3 Journals and Books published by 'in DETAIL' magazine and various contemporary periodicals that are relevant.