

Course Code:

ARCHSTUDIO4

1. Course Title:

Studio Work 4

2. Academic Session:

2011/12

3. Level:

SCQF 10

4. Credits:

60

5. Lead School/Board of Studies:

Mackintosh School of Architecture

6. Course Contact:

Mark Baines

7. Course Aims:

The aim of the course is to extend design skills within a rigorous creative studio environment and provide the opportunity to explore architecture as a response to the contemporary city.

8. Intended Learning Outcomes of Course:

At the end of the course each student should have the ability to demonstrate, and/or work with:

Category 1 : Knowledge and Understanding

- Knowledge that covers and integrates most of the principle areas, features boundaries, terminology and conventions of the discipline of architecture.
- A critical understanding of the intellectual and aesthetic content of self-selected buildings that supports architectural judgments.
- Researched and critical evaluation of the briefing and performance of buildings.

Category 2: Practice – Applied Knowledge and Understanding

- The ability to define what type of research is relevant, what questions to ask, and which

formats to record the findings to best serve as a springboard to design decisions.

- A sense of direction and the ability to develop and sustain a line of enquiry – being able to identify and develop design ideas thematically as well as undertaking sequential problem solving.
- Undertake strategic thinking – exploring options, setting parameters and objectives and testing design ideas against them and comparing likely outcomes in order to make critical judgments about the likely effect of design decisions.
- Execute complex defined and self-defined projects of research, development or investigation and identify and implement relevant outcomes.
- Ability to plan and compose buildings exhibiting complexity in terms of function, scale and context.
- Research and critical evaluation of how a strategic choice of construction, materials and environmental approaches can determine the character of an architectural design project.

Category 3: Generic Cognitive Skills

- Critically identify, define, conceptualise and analyse complex problems and issues relevant to contemporary discipline of architecture.

Category 4: Communication, ICT and Numeracy Skills

- Communicate and articulate ideas and information fluently and work comprehensively in visual, oral and written forms to a professional level.
- Make formal presentations about specialist topics to informed audiences.

Category 5: Autonomy, Accountability and Working with Others

- Exercise autonomy and initiative in carrying out set project briefs and self-directed programme of study.
- Demonstrate ability to manage time and physical resources in relation to set project briefs and self-direct programmes of study as an individual and a group member.
- Take account of Health & Safety regulations in studio practice and adhere to safe working practices
- Develop a critical position as an individual designer and contribute this to the on-going studio debate.
- Deal with complex ethical and professional issues.

9. Indicative Content:

The course projects typically include urban design, housing and design of cultural buildings within the inner city. These projects are the vehicles to hone creative design skills against demanding constraints. They are supported by advanced technology workshops, theory inputs on the socioeconomic aspects of the urban environment, urban design, housing design, sustainability and contemporary architecture and urbanism.

10. Description of Summative Assessment:

Work is assessed through project work, practical examinations throughout the session and portfolio submission.

10.1 Please describe the Summative Assessment arrangements:

Learning level outcomes stated for the course must be achieved, and ability to fulfil these is graded against the marking scheme (see Academic Regulations).

11. Formative Assessment:

Verbal feedback given at design tutorials. Verbal and written feedback given at design reviews. Formative assessment carried out midyear supported by an individual student interview with written and verbal feedback.

11.1 Please describe the Formative Assessment arrangements:

Design tutorials given weekly throughout the academic session. Interim and final design reviews arranged periodically during the academic session. Formative assessment conducted half-way through the academic session.

12. Collaborative:Yes No **12.1 Teaching Institutions:****13. Requirements of Entry:**

Honours selected by MSA or BArch(Hons) degree from external institution

14. Co-requisites:

Architectural Technology 4; Research Project 4; Professional Studies 4

15. Associated Programmes:

Bachelor of Architecture (Hons); Diploma in Architecture

16. When Taught:

Terms 1/2/3

17. Timetable:

Thursday: studio day with supporting lectures/workshops/seminars/site visits/study trips

18. Available to Visiting Students:Yes No **19. Distance Learning:**Yes No **20. Placement:**Yes No

21. Learning and Teaching Methods:		
Method	Formal Contact Hours	Notional Learning Hours (Including formal contact hours)
Lecture		
Studio	70	335
Seminar/Presentation		
Tutorial		
Workshop		
Laboratory work		
Project work		
Professional Practice		
E-Learning / Distance Learning		
Placement		
Examination		
Essay		
Private Study	Not Applicable	265
Other (please specify below)		
TOTAL	70	600

22. Description of "Other" Teaching and Learning Methods:
Formal Studio contact is related to project-based work with weekly individual or group tutorials and periodic design reviews, supported by lectures/seminars/workshops/site visits and study trips. Private study consists both staff-directed study and independent student-directed study.

23. Additional Relevant Information:
There is generally an emphasis on group work at the outset of design projects with a shift towards individual outputs as the project progresses.

24. Indicative Bibliography:
Bernard Tschumi and Irene Cheng, <i>The State of Architecture at the beginning of the 21st Century. The Critical Landscape</i> , 010 Publishers, Rotterdam Juhani Pallasmaa, <i>The Eyes of the Skin</i> Adam Sharr, <i>Heidegger for Architects</i> , Andrew Ballantyne, <i>Deleuze & Guatterri for Architects</i> . Colin Porteous, <i>The New Eco Architecture</i> Bill Addis, <i>The Art of the Structural Engineer</i> . Malcolm Moor and John Rowland, <i>Urban Design Futures</i> . Eamonn Canniffe, <i>Urban Ethic</i> . Richard Rodgers, <i>Cities for a Small Planet</i> . Rowan Moore, <i>Vertigo</i> . Jane Jacobs, <i>The Life and Death of Great American Cities</i> . Robin Middleton, <i>The Idea of City</i> .

Date of production / revision	01 July 2012
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