

**Course Code:**

UBAR301

**Session:**

2017/2018

**1. Course Title:**

Studio Work 3

<b>Version</b>	<b>2. Date of Production/ Revision:</b>	<b>Date of Approval</b>
1.0	February 2018	February 2018

<b>3. Level:</b>
SCQF 9

<b>4. Credits:</b>
50

<b>5. Lead School/Board of Studies:</b>
Mackintosh School of Architecture

<b>6. Course Contact:</b>
Tilo Einert

<b>7. Course Aims:</b>
<p>The aims of Studio Work 3 are for all students to:</p> <ul style="list-style-type: none"><li>• Form and articulate a critical, personal and ethical position.</li><li>• Assemble the evidence to substantiate architectural judgments, with intellectual and aesthetic rigor.</li><li>• Demonstrate an ability to research and critically evaluate original source material, to explore and record design decisions, and to be able to reflect upon them.</li><li>• Demonstrate the ability to design a building, from an understanding of sustainability, by devising and implementing strategies for siting and construction; through the detailed design of the building and its internal environment.</li><li>• Demonstrate the ability to design a building that articulates the difference between the public and private realms through the organisation of the building on the site, its form, structure and construction and the quality of its internal and external spaces.</li><li>• Show initiative, work independently and with others, valuing collaboration and exchange, to develop and communicate design ideas beyond the discipline of architecture.</li><li>• Develop a portfolio of work that satisfies the General Criteria and Graduate Attributes of</li></ul>

## **8. Intended Learning Outcomes of Course:**

### **Category 1 Knowledge and Understanding**

- A broad and integrated knowledge and understanding of the scope, main areas and boundaries of the discipline.
- A critical understanding, through observation, of the intellectual and aesthetic content of self-selected buildings.
- A critical understanding and interpretation of the briefing and performance of buildings.

### **Category 2 Practice: Applied Knowledge and Understanding**

- Fluency in the selection of media to predict the outcome of design decisions and be able to test design proposals against the stated aims of a given design brief.
  - The ability to explore, compare and record options as part of the design process, and critically and reflectively evaluate key design decisions.
  - Execute complex defined projects supported by areas of research, development or investigation and identify and implement relevant outcomes
  - Ability to plan and compose buildings exhibiting greater complexity of function and social role
  - \*Demonstrate reflective evaluation across a range of design projects over a sustained period
  - \*Demonstrate a breadth and depth of learning in relation to multiple design projects at a range of scales over a sustained period
  - \*Demonstrate development of design proposals with integrated technology benefiting from design iterations over a sustained period
- \* Learning Outcomes apply to full academic sessions only**

### **Category 3 Generic Cognitive Skills**

- Undertake critical analysis, evaluation and synthesis of ideas, concepts, information and issues relevant to contemporary discipline of architecture.
- Draw on a range of sources in making judgments

### **Category 4 Communication, ICT and Numeracy skills**

- With sufficient skill and knowledge of current practice and procedures in CAAD to enter a professional office for a year of supervised practical training.
- Successfully communicate and articulate ideas, information and work in a considered way in visual, oral and written forms to a professional level.
- Make formal and informal presentations on topics in the discipline to a range of audiences.

### **Category 5 Accountability, Autonomy and Working with Others**

- Exercise autonomy and initiative in carrying out and interpreting set project briefs.
- Demonstrate professionalism in managing time and physical resources in relation to set project briefs as an individual and a group member.
- Take account of Health & Safety regulations in studio practice and adhere to safe working practices.
- An understanding of the value and the ability to collaborate with peers and others; to develop design ideas and make public presentations.
- Deal with ethical and professional issues.

**9. Indicative Content:**

Projects set require a complex integration of diverse factors starting typically with an environmentally led process programme, followed by a more rounded programme dealing with both public and private functions. Resolution is founded on the reconciliation of three major forces that determine the form and character of a building – its context, programme and technology. The investigation of these three determinants is through careful observation and critical analysis leading to an imaginative exploration and representation of how the building will be sited, organized, used and experienced.

The technical aspects of the projects – construction, structure, the choice of materials and process, environmental design and servicing requirements, along with the chosen approach to the programme and context, are integrated and synthesized to find an appropriate architectural expression.

Computer Aided Architectural Design – practical application of advanced CAAD systems to architectural design and practice.

**10. Description of Summative Assessment:**

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

No.	Assessment Method	Description of Assessment Method	Weight %	Submission week (assignments) or length (exam)
1	Portfolio and Exhibition	Studio Work 3: Examined through Portfolio	95	Semester 2 Week 13
2	Portfolio and Exhibition	CAAD 3: Examined through Portfolio	5	Semester 2 Week 13

*Pass in ALL components required*

**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 tutorials and reviews. Written feedback is given at reviews and following a formative submission at a mid year point.

**11.1 Please describe the Formative Assessment arrangements:**

An interim submission of work is made towards the end of semester 1. The work is assessed by the teaching team and an interim grade and written feedback is given. This grade is advisory and does not contribute to the final grade at the summative assessment point.

**12. Collaborative:**Yes No **12.1 Teaching Institutions:**

N/A

**13. Requirements of Entry:**

A pass in Bachelor of Architecture with Honours Stage or equivalent

**14. Co-requisites:**

Architectural Technology 3; History of Architecture and Urban Studies 3; Research Project 3; Professional Studies 3; Interdisciplinary Design 3

**15. Associated Programmes:**

Bachelor of Architecture with Honours

**16. When Taught:**

Semesters 1 and 2

**17. Timetable:**

Formal studio day takes place once a week with supporting lectures, workshops and seminars at an ad hoc basis.

**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	10	10
Studio		200
Seminar/Presentation	40	40
Tutorial	35	
Workshop	35	35
Laboratory work		
Project work		

Professional Practice		
E-Learning / Distance Learning		
Placement		
Examination		
Essay		
Private Study		215
Other (please specify below)		
<b>TOTAL</b>	<b>120</b>	<b>500</b>

**22. Description of "Other" Teaching and Learning Methods:**

N/A

**23. Additional Relevant Information:**

N/A

**24. Indicative Bibliography:**

Pallasmaa, J. (2005), *The Eyes of the Skin*. London. Chichester: John Wiley & Sons.  
Pallasmaa, J. (2009), *The Thinking Hand*. London. Chichester: John Wiley & Sons.  
Zumthor, P. (2010), *Thinking Architecture*: Birkhäuser.  
Zumthor, P. (2006), *Atmospheres*: Birkhäuser.  
Tanizaki, J. (2001), *In Praise of Shadows*. London: Vintage Classics  
Sharr, A. (2007), *Heidegger for Architects – Thinkers for Architects*. London: Routledge.  
Cullen, G. (1961), *The Concise Townscape*. London: Routledge.  
Kostof, S. Tobias, R. (1999), *The City Shaped: Urban Patterns and Meanings Through History*. London: Thames & Hudson.  
Heywood, H. (2013), *101 Rules of Thumb for Low Energy Architecture*. London: RIBA Publishing  
Rykwert, J. (2010), *The Idea of a Town - The Anthropology of Urban Form in Rome, Italy and the Ancient World*. London: Faber & Faber.  
Hawkes, D. (2007), *The Environmental Imagination - Technics and Poetics of the Architectural Environment*. Abingdon: Taylor & Francis.