

Course Code:

UBAR305

Session:

2017/2018

1. Course Title:

Interdisciplinary Design 3

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

3. Level:
SCQF 9

4. Credits:
10

5. Lead School/Board of Studies:
Mackintosh School of Architecture

6. Course Contact:
Tilo Einert

7. Course Aims:
The aims of Interdisciplinary Design 3 are to: <ul style="list-style-type: none">• Gain an understanding of the process of architectural design as a multidisciplinary team activity, in order to work effectively with co-professionals from the construction industry.• Prepare for the ensuing 'year out' in an architectural practice.

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 <ul style="list-style-type: none">• A broad and integrated knowledge and understanding of the scope, main areas and boundaries of the discipline.• A critical understanding and interpretation of the briefing and performance of buildings.• An awareness of how an architectural practice operates.

- An understanding of the relationship between architectural practice and the construction industry.

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 or implement relevant outcomes.
- A research and integrated knowledge of building construction and materials, structural design,
- and energy transfer mechanism synthesised in coherent design projects that express architectural intentions, and considerations of a sustainable environment.

Category 3 Generic Cognitive Skills

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

Category 4 Communication, ICT and Numeracy Skills

- 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:

Interdisciplinary Design 3 is centred on the Interact Competition, through which students from architecture and, typically, structural engineer and quantity surveying students from other HE institutions, to develop design proposals in interdisciplinary teams. Teams present their proposals to a professional audience.

10. Description of Summative Assessment:

Student work is assessed through project work, written submissions and design presentations.

No.	Assessment Method	Description of Assessment Method	Weight %	Submission week (assignments) or length (exam)
1	Log Book and Presentation	Examined through Log Book and Design Team Presentations	100	Semester 2 Week 10

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 is given at tutorials

11.1 Please describe the Formative Assessment arrangements:

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12. Collaborative:

Yes

No

12.1 Teaching Institutions

University of Glasgow, University of the West of Scotland, Caledonian University

13. Requirements of Entry:

A pass in Bachelor of Architecture with Honours Stage 2 or equivalent

14. Co-requisites:

Studio Work 3; Architectural Technology 3; History of Architecture and Urban Studies 3; Professional Studies 3

15. Associated Programmes:

Bachelor of Architecture with Honours

16. When Taught:

Semester 2

17. Timetable:

Following the introduction teaching will happen on a once a week basis over the period of the project

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	6	6
Studio		
Seminar/Presentation	8	8
Tutorial	2	2
Workshop	14	14
Laboratory work		
Project work		
Professional Practice		
E-Learning / Distance Learning		
Placement		
Examination		
Essay		
Private Study	Not Applicable	70
Other (please specify below)		
TOTAL	30	100

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

N/A

23. Additional Relevant Information:

N/A

24. Indicative Bibliography:

Tuckman, B.W. Jensen, MAC. (1977), Stages of Small Group Development Revisited, Group and Organisational Studies.

Tonks, N. (2012), Ove Arup - Philosophy of Design. London: Prestel.

MacDonald, A. (2000), Anthony Hunt - Engineer's Contribution to Architecture. London: ICE Publishing.

Cartlidge, D. (2012), Quantity Surveyor's Pocket Book. London: Routledge.