

Course Code:

PEMAC12

1. Course Title:

A research primer for architects

2. Academic Session:

2012/13

3. Level:

SCQF 11

4. Credits:

15

5. Lead School/Board of Studies:

Mackintosh School of Architecture

6. Course Contact:

Raid Hanna

7. Course Aims:

The course aims to equip students with necessary knowledge and the skills required to conduct a reflective research activity, either quantitatively or qualitatively, on any aspect of the built environment- social, technological, environmental, and design.

8. Intended Learning Outcomes of Course:

By the end of the course students should be able to:

- Identify architectural problems that are researchable and distinguish those from the ones that are un-researchable;
- Formulate educated guesses or hypotheses about architectural phenomena;
- Plan a research design procedure to resolve the research problem;
- Learn how to measure well-defined and ill-defined variables.

9. Indicative Content:

The course introduces techniques to help architects to identify a built environment research problem (phenomenon), hypothesise about the likely causes, i.e. as to why this phenomenon occurs, provide operational definitions to measure the phenomenon either through a high level of abstract reasoning or/and a case study.

10. Description of Summative Assessment:

Students will be required to submit a portfolio of work which includes a series of research assignments mainly in diagrammatic form on various aspects of architectural research from design research and post occupancy evaluation to building science and creativity measurements.

10.1 Please describe the Summative Assessment arrangements:

The portfolio will be assessed against all of the learning outcomes for the course.

11. Formative Assessment:

Formative feedback is given regularly throughout the course.

11.1 Please describe the Formative Assessment arrangements:

Weekly, based on work presented for discussion and review.

12. Collaborative:

Yes

No

12.1 Teaching Institutions:

[Click here to enter text.](#)

13. Requirements of Entry:

None

14. Co-requisites:

None

15. Associated Programmes:

This is a cross-GSA elective, open to all PGT students.

16. When Taught:

Stage 2

17. Timetable:

Wednesdays 10am-12pm

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		
Seminar/Presentation	6	6
Tutorial	1	1
Workshop	8	8
Laboratory work		
Project work		100
Professional Practice		
E-Learning / Distance Learning		
Placement		
Examination		
Essay		
Private Study	Not Applicable	35
Other (please specify below)		
TOTAL	15	150

22. Description of "Other" Teaching and Learning Methods:**23. Additional Relevant Information:****24. Indicative Bibliography:**

A reading list will be present to students at the first session