APPROVED

ARCH8030: Research Project Design

Module Details

Module Code:	ARCH8030
Title:	Research Project Design APPROVED
Long Title:	Research Project Design
NFQ Level:	Advanced
Valid From:	Semester 1 - 2021/22 (September 2021)

Duration:	1 Semester

Credits:	5

Field of Study:	5810 - Architecture & Urban Environment

Module Delivered in:	**2 programme(s)**

Module Description:	The learner identifies a discipline specific research area through a review of the literature and using the medium of an academic paper, they explore the pre-interactive elements of topic justification, proposed methodological framework, thematic chapter concentrations and preliminary application.

Learning Outcomes	
On successful completion of this module the learner will be able to:	
#	**Learning Outcome Description**
LO1	Review the literature of the chosen discipline specific research area.
LO2	Formulate a research proposal
LO3	Design a methodological framework to facilitate research.
LO4	Formulate a strategy to guide research project.
LO5	Present preliminary research findings in a position paper format.

Dependencies
Module Recommendations
Not applicable
Incompatible Modules
Not applicable
Co-requisite Modules
No Co-requisite modules listed
Requirements
Not applicable

Indicative Content
Research Project Selection & Design Selecting a topic. Review of existing knowledge. Devising conceptual framework. Deciding the research statement, research question and research hypothesis. Listing information needs. Deciding research strategy. Theory of conducting research and reporting findings.
Research Techniques Appreciating the use and application of different techniques. Literature review. Document analysis. Survey schedules. Unstructured interview schedules. Structured interview schedules. Questionnaire forms. Observation. Methodological triangulation. Probability sampling. Non-probability sampling. Humanistic data analysis. Scientific data analysis. Statistical methods.
Data Sources Official publications. Published works. Internet. Library sources. Journals. Newspapers. E-Library. Archival resources. Private resources. Data bases. Audio visual.

Module Content & Assessment

Assessment Breakdown	%
Coursework	100.00%

Assessments

Coursework			
Assessment Type	Oral Examination/Interview	**% of Total Mark**	5
Timing	Week 1	**Learning Outcomes**	1,2,3
Assessment Description A brief powerpoint presentation outlining a preliminary research proposal			
Assessment Type	Written Report	**% of Total Mark**	35
Timing	Week 6	**Learning Outcomes**	1,2
Assessment Description A review of the seminal and supporting literature on the thematic concentrations of the research project.			
Assessment Type	Project	**% of Total Mark**	60
Timing	Sem End	**Learning Outcomes**	1,2,3,4,5
Assessment Description An argument exploring the background to and justification for research topic, methodological framework, chapter thematic concentrations and outline proposal for case study / process evaluation strategy.			

No End of Module Formal Examination

Reassessment Requirement
Coursework Only *This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.*

Module Workload

Workload: Full Time

Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours
Lecture	Contact	Research Theory	Every Week	1.00	1
Tutorial	Contact	Research Tutorial	Every Week	1.00	1
Lecturer-Supervised Learning (Contact)	Contact	Research Supervision	Every Week	0.50	0.5
Independent & Directed Learning (Non-contact)	Non Contact	Self Study	Every Week	4.50	4.5
				Total Hours	7.00
				Total Weekly Learner Workload	7.00
				Total Weekly Contact Hours	2.50

Workload: Part Time

Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours
Lecture	Contact	Research Theory	Every Week	1.00	1
Tutorial	Contact	Research Tutorial	Every Week	1.00	1
Lecturer-Supervised Learning (Contact)	Contact	Research Supervision	Every Week	0.50	0.5
Independent & Directed Learning (Non-contact)	Non Contact	Self study	Every Week	4.50	4.5
				Total Hours	7.00
				Total Weekly Learner Workload	7.00
				Total Weekly Contact Hours	2.50

Module Resources

Recommended Book Resources

S. G. Naoum. (2019), Dissertation Research and Writing for Built Environment students, 4th. Routledge, [ISBN: 9780815384625].

Steven K Thompson. (2012), Sampling, Routledge, [ISBN: 9780470402313].

Peter Levin. (2005), Excellent dissertations!, McGraw Hill, [ISBN: 9780335226207].

This module does not have any article/paper resources

Other Resources

website, Skills study,
https://www.palgrave.com/skill4study
website, Research methods,
https://statpac.com/surveys/researchmeth ods
website, Writing in the third person,
https://www.wikihow.com/Write-in-Third-P erson
website, Harvard referencing system,
http://www.citethisforme.com

Module Delivered in

Programme Code	Programme	Semester	Delivery
CR_CARCT_8	**Bachelor of Science (Honours) in Architectural Technology**	-1	Mandatory
CR_DINAR_8	**Bachelor of Science (Honours) in Interior Architecture**	-1	Mandatory