

Module Code:	AUR621
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Module Title:	Individual Research Project
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Level:	6	Credit Value:	20
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Cost Centre(s):	GABE	<u>JACS3 code:</u>	K220 (CM)
		<u>HECoS code:</u>	100149 (CM)

Faculty	FAST	Module Leader:	Dr Gareth Carr
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Scheduled learning and teaching hours	24 hrs
Guided independent study	176 hrs
Placement	0 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
BSc (Hons) Construction Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Pre-requisites

Office use only

Initial approval: 29/08/2019

Version no: 1

With effect from: 01/09/2019

Date and details of revision:

Version no:

Module Aims

The aim of the module is to facilitate the development of an original and authoritative piece of individual research as the product of a premeditated and contextually viable research methodology.

The Module will enable students to define a particular research interest within the field of construction management and to derive meaningful analysis within its context.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

At the end of this module, students will be able to		Key Skills	
1	Identify a particular interest within the field of construction management that is likely to facilitate an informed research project.	KS1	KS3
		KS6	
2	Derive and implement a research methodology towards the production of an informed analysis of the identified research interest.	KS1	KS6
		KS9	
3	Structure and submit an Individual Research Project in an academically competent and authoritative fashion.	KS1	KS4
		KS9	
4	Orally explain the substance of the Research Project.	KS1	KS5

Transferable skills and other attributes

- Students will express the critical skills required to synthesise a range of sources and into a coherent output;
- Students will advance their skills in forming and sustaining a proposition through the use of appropriate evidence;

Derogations

Credits shall be awarded by an Assessment Board for those modules in which a pass mark (40%) has been achieved, with a minimum mark of 40% in each element of assessment.

Assessment:

Indicative Assessment Tasks:

- An Individual Research Project in a 'construction management' context.
- An Oral Assessment of the Individual Research Project undertaken as Assessment 1

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration or Word count (or equivalent if appropriate)
1	1, 2 & 3	Project	75%	3,000 words
2	4	Oral Assessment	25%	20 min.

Learning and Teaching Strategies:

Didactic delivery will define the nature of an Individual Research Project and will explain the importance of research methods when establishing context, originality, structure, methodology, data collection and analysis. It is important that whilst such fundamental components are considered in detail, the delivery should avoid being prescriptive to the extent that the student's own initiative in deciding how best to proceed is compromised.

It is important that delivery moves from didactic to structured tutorial-based support following coverage of those considerations identified above, so that direction and scope can be derived individually by students within their chosen context. It is essential that students continue to question their own processes throughout, so that reflective practise informs originality and academic quality in the final product.

The oral assessment is an opportunity for students to authenticate their submitted work and to clarify or explain further, aspects of the submission that have drawn the attention of the assessor/module tutor.

Syllabus outline:

- the nature of an Individual Research Project
- research ethics
- areas of academic interest
- the selection of a context
- structure and organisation
- research methodologies
- collecting and managing data
- data analysis
- drawing conclusions

Indicative Bibliography:**Essential reading**

Bell, J. & Waters, S. (2018), *Doing Your Research Project: A Guide for First-time Researchers*, 7th Ed. Maidenhead: OU Press.

Yin, R. K., (2018), *Case Study Research and Applications: Design and Methods*, 6th Ed. Los Angeles: Sage Publications.

Other indicative reading

Griffith, A. and Watson, P. (2003), *Construction management: Principles and practice*. Hampshire: Palgrave Macmillan.

Harris, F. and McCaffer, R. (2013), *Modern construction management*. Chichester: Wiley Blackwell.

Chartered Institute of Architectural Technologists www.ciat.org.uk

Chartered Institute of Building www.ciob.org.uk

Institute for Civil Engineering www.ice.org.uk

Royal Institute of British Architects www.architecture.com

Designing Buildings Wiki www.designingbuildings.co.uk

Other sources:

IHS Database www.ihsti.com