

<b>Module Code:</b>	AUR346
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<b>Module Title:</b>	Sustainability and the Environment
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<b>Level:</b>	3	<b>Credit Value:</b>	20
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<b>Cost Centre(s):</b>	GABE	<b>JACS3 code:</b>	K430
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<b>Faculty:</b>	Faculty of Arts, Science and Technology	<b>Module Leader:</b>	Colin Stuhlfelder
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Scheduled learning and teaching hours	40 hrs
Guided independent study	160 hrs
Placement	0 hrs
<b>Module duration (total hours)</b>	200 hrs

<b>Programme(s) in which to be offered</b>	Core	Option
BSc (Hons) Architectural Design Technology (with Foundation Year) SUBJECT TO VALIDATION	✓	<input type="checkbox"/>
BSc (Hons) Construction Management (with Foundation Year) SUBJECT TO VALIDATION	✓	<input type="checkbox"/>

<b>Pre-requisites</b>
None

**Office use only**

Initial approval: 12/12/2018

Version no:1

With effect from: 01/09/2019

Date and details of revision:

Version no:

**Module Aims**

To enable students to understand the natural world around us and how it is altered and shaped by operations and activities related to construction and the Built Environment

**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

1	Recognise and use correct terminology relating to the natural environment and the life forms within it.	KS1	KS6
		KS5	KS7
2	Understand the impact of human activity on the world we live in	KS1	KS6
		KS5	KS7
3	Demonstrate a knowledge of the issues of sustainability and global citizenship.	KS1	KS7
		KS6	KS5

**Transferable skills and other attributes**

Effective written communication skills  
Ability to present statistical data  
Ability to manage learning

**Derogations**

None

**Assessment:**

10 worksheets to be undertaken to show research and presentation abilities in Natural Environment scenarios

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1, 2, 3	Portfolio	100	n/a	2,500

**Learning and Teaching Strategies:**

A series of key lectures demonstrating theory, examples and practice in the operations and effects of the built environment upon the natural

**Syllabus outline:**

Global Citizenship  
Climate change  
Sustainability  
Carbon Footprint  
Environmental impact

**Bibliography:**

**Essential reading**

Baker, S (2015) *Sustainable Development*, London, Routledge  
Caradona, J (2016) *Sustainability; A History*, OU Press New York

Plus other material as directed by the Module Leader

**Other indicative reading**