



MODULE SPECIFICATION

Part 1: Information			
Module Title	Transport and Mobility		
Module Code	UBGLC1-15-2	Level	Level 5
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Geography and Environmental Management
Department	FET Dept of Geography & Environmental Mgmt		
Contributes towards			
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Overview: The world is becoming increasingly mobile. Recent transport trends show a continued increase in both personal mobility and the transportation of goods and products to satisfy modern lifestyles. This module explores important issues related to transport and mobility, with a particular focus on sustainability and the environmental and social challenges presented by modern transport patterns and behaviours. The module will introduce different theoretical perspectives for understanding human movement and its impacts, and link this to current case-studies from across the world.</p> <p>Building on this, the module will also look to the future, and question what the impacts of current transport trends might be in the decades ahead. There will be a focus on the management of global challenges created by our current transport systems, including greenhouse gas emissions, air quality impacts, health and wellbeing, resource use, and accessibility. These future challenges will be explored in the context of different possible solutions, including new transport technologies, sustainable transport policies, and behaviour change approaches.</p> <p>The module syllabus will be taught with reference to a number of relevant case-studies. There</p>

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will be a high-level focus on transport policies and the role of transport authorities in planning a more sustainable transport future.

Educational Aims: The aim of this module is twofold: (i) to provide students with a thorough understanding of important concepts and issues relevant to transport and mobility; and (ii) to provide students with skills in critical analysis, report writing, and presentation relevant to addressing the issues studied on the module.

As explained in the module overview, transport and mobility are closely related to a number of modern challenges at all scales from the global to the local, including greenhouse gas emissions and climate change, air quality, individual health/wellbeing, and community cohesion. In taking this module students will be equipping themselves with knowledge and skills relevant to addressing these important issues we currently face.

This module contributes to broader programme themes related to sustainability and energy/resource use. It has been designed as a part of a transport series that runs through the programmes, from individual sessions on modules in the first year which introduce transport issues, through this module in the second year, to the final year module Sustainable Transport: Technologies and Behaviour.

Outline Syllabus: Indicative topics to be covered include:

- Theoretical perspectives on transport and mobility
- Historical, current, and possible future trends in transport patterns
- Global transport challenges – greenhouse gas emissions, air quality impacts, health and wellbeing, resource use, accessibility
- Approaches to managing transport and mobility challenges – transport technologies, transport policies, and behaviour change
- Tools for designing a sustainable transport policy to manage and mitigate the challenges modern mobility presents

Teaching and Learning Methods: The module will be taught in class-based sessions that will involve instruction from a tutor, with a flexible format to the content and structure of the taught sessions themselves. The students will be taught by several tutors all with expertise in transport and the topics covered.

There will be sessions in which the students discuss the theories and the ways in which they are used based on their reading and on evidence from practice about how they are used. Other sessions will have a focus on a particular case study or topic of interest/relevance. Some of the sessions will be aligned with the assessment tasks, and will have a practical tutorial element to support students in developing the skills taught on the module.

Part 3: Assessment

Assessment for this will consist of two components: (i) a group presentation on a self-chosen transport challenge and potential solutions to this, and (ii) the individual design of an outline sustainable transport strategy which will address one or more of the transport challenges examined in the module.

These assessments have been chosen as they will support students to develop their understanding of issues and challenges related to transport via the group presentation, and also their skills in critical writing and the evaluation of possible responses to these challenges through the individual development of a sustainable transport strategy.

The assessments are described in more detail below:

Component A – Group presentation (learning outcomes 1 and 2)

- Equating to 5 minutes per person (split equally between presentation and discussion)
- Scheduled in-class, in advance of the submission date of the final individual report

Component B – Written assignment (learning outcomes 3 and 4)

- An individual project assignment in the form of an outline sustainable transport strategy focussed at a

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particular geographic scale (i.e. local, regional, national)			
<ul style="list-style-type: none"> Equivalent to 2,500 words plus supporting illustrative material. The stated word count will be calculated in accordance with central university guidelines 			
First Sit Components	Final Assessment	Element weighting	Description
Report - Component B	✓	75 %	Individual design of an outline sustainable transport strategy which will address one or more of the transport challenges examined in the module (2,700 words max).
Presentation - Component A		25 %	Group presentation on a self-chosen transport challenge and potential solutions to this (5 mins).
Resit Components	Final Assessment	Element weighting	Description
Report - Component B	✓	75 %	Individual design of an outline sustainable transport strategy which will address one or more of the transport challenges examined in the module (2,700 words max).
Presentation - Component A		25 %	Individual presentation on a self-chosen transport challenge and potential solutions to this (5 mins).

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will be able to:	
		Module Learning Outcomes
	MO1	Identify and explain the important social and environmental challenges presented by modern transport systems, and their relevance at local, national, and global scales.
	MO2	Evaluate different approaches to managing transport challenges, including technological approaches, policy approaches, and behaviour change approaches.
	MO3	Design an outline sustainable transport strategy focussed at a specific geographic scale to address one or more of the environmental and/or social challenges arising from modern transport systems and behaviours.
	MO4	Explain and justify their own transport strategy in relation to case-studies of existing examples, research, and data.
Contact Hours	Contact Hours	
	Independent Study Hours:	
	Independent study/self-guided study	114

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	Total Independent Study Hours:	114
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	36
	Total Scheduled Learning and Teaching Hours:	36
	Hours to be allocated	150
	Allocated Hours	150
Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://rl.talis.com/3/uwe/lists/2ABF7C74-0E69-0381-3F38-D77EDE573458.html?draft=1&login=1</p>	