MODULE SPECIFICATION

Part 1: Information			
Module Title	Practising Waste Management		
Module Code	UBGMTK-15-3	Level	Level 6
For implementation from	2019-20		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Geography and Environmental Management
Department	FET Dept of Geography & Envrnmental Mgmt		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description

Overview: This module focuses on the management of solid wastes from industrial, commercial and domestic sources. It considers the environmental, social and economic challenges associated with waste management and the policy and technological solutions that have been developed in response.

Educational Aims: See Learning Outcomes.

Outline Syllabus: Students will be introduced to the notion of a waste management hierarchy, with the module showcasing examples of where waste has been successfully minimised, or where strategies have been adopted to re-use, recycle or recover waste. Local, national, and international examples will be used to help identify the type of factors necessary for successful implementation. As part of this, students will be expected to understand the drivers, and evaluate the outcomes, of both policy and legislation. In terms of recovery, students will be exposed, and will need to critique, the wide-ranging options that exist for storing, collecting, transferring and treating waste. Students will be introduced to the key design and operational principles associated with reclamation. The planning, design and operation of reclamation facilities will be considered, with focus being directed to composting and anaerobic digestion, as well as thermal treatment processes. Landfill, as an option for storing waste, will also be introduced as a typical last resort, with the module outlining the type of principles that need to be adhered to if environmental impacts are to be minimised.

Teaching and Learning Methods: Scheduled learning will comprise assessment and lectures. Lectures will provide a framework for understanding the reading and key issues covered by the module. Where possible, scheduled learning will be enhanced by guest lecturers and / or local site visits to help showcase the implementation of waste management strategies.

Independent learning will use directed reading via the online reading list and a selection of online resources, including appropriate case studies.

Part 3: Assessment

This module is assessed by a single component, Component A, that requires students to engage, synthesise and critique waste management policy. The component requires the production of an audio/visual podcast which will require students to critically review a plan or strategy prepared for the pursuit of sustainable waste management at a defined location. Requiring a podcast will allow students to develop, and suitably demonstrate, skills in verbal and visual communication. A podcast provides flexibility with respect to the type of material that can be presented and generates a resource that can be shared with potential employers.

Students will need to synthesise the context and challenge surrounding their selected plan or strategy, and the policy and strategic options being pursued. They will also need to offer critical reflection on the type of impacts that their plan or strategy is expected to give rise to. Students will need to reflect on potential delivery challenges and make recommendations for improving implementation, by drawing from relevant literature and best-practice case studies.

Formative support will be provided throughout the task with opportunities being provided for students to discuss their selected plan or strategy with module staff. This strategy will design out plagiarism and ensure this is the students' own work.

The resit will require students to re-submit their podcast, responding to feedback where an initial submission was made.

First Sit Components	**Final Assessment**	**Element weighting**	**Description**
Practical Skills Assessment - Component A	✓	100 %	Individual podcast (15 minutes)
Resit Components	**Final Assessment**	**Element weighting**	**Description**
Practical Skills Assessment - Component A	✓	100 %	Individual podcast (15 minutes)

Part 4: Teaching and Learning Methods

Learning Outcomes

On successful completion of this module students will achieve the following learning outcomes:

Module Learning Outcomes	**Reference**
Develop a critical appreciation of the challenges surrounding the generation and treatment of waste	MO1
Critically consider the role of theory in the practical application of waste management	MO2
Critically discuss and evaluate the role of policy and legislation in the implementation of waste management	MO3
Identify, and critically assess, the options for reducing, reusing, recycling and recovering waste	MO4

	Develop a critical awareness of the factors necessary for the successful delivery of policy and projects in the waste management sector	MO5

Contact Hours		
	Independent Study Hours:	
	Independent study/self-guided study	114
	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	
	The reading list for this module can be accessed via the following link: https://uwe.rl.talis.com/index.html

Part 5: Contributes Towards
This module contributes towards the following programmes of study: