

**UNIVERSITY OF PLYMOUTH MODULE RECORD**

**SECTION A: DEFINITIVE MODULE RECORD. *Proposed changes must be submitted via Faculty/AP Quality Procedures for approval and issue of new module code.***

**MODULE CODE:** MLA726                      **MODULE TITLE:** Managing Waste for a Sustainable Future  
**CREDITS:** 20                                      **FHEQ LEVEL:**7                                      **HECOS CODE(S):** 100381, 100469  
**PRE-REQUISITES:** None                      **CO-REQUISITES:** None                                      **COMPENSATABLE:** Y

**SHORT MODULE DESCRIPTOR:** *(max 425 characters)*

This module concentrates upon the role of waste as a challenge to sustainable business practice. It critiques current waste management strategies and investigates a number of environmentally important waste streams. Concepts such as industrial ecology, systems thinking, and life cycle assessment will be introduced as potential solutions to these issues.

**ELEMENTS OF ASSESSMENT** *[Use HESA KIS definitions] – see [Definitions of Elements and Components of Assessment](#)*

<b>C1</b> (Coursework)	100%
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**SUBJECT ASSESSMENT PANEL to which module should be linked:** MLA

**Professional body minimum pass mark requirement:** NA

**MODULE AIMS:**

This module aims to develop students thinking around current ideas in waste management, such as closed loop systems, through the critical analysis of waste management activities, and the intersection of waste with relevant areas within the UN SDGs. Such developments will be put into context with present business practices to attempt to establish the feasibility of their use in the future.

**ASSESSED LEARNING OUTCOMES:** (additional guidance below; please refer to the Programme Specification for relevant Programme Intended Learning Outcomes.

At the end of the module the learner will be expected to be able to:

<b>Assessed Module Learning Outcomes (ALOs)</b>	<b>Programme Intended Learning Outcomes (PILOs) contributed to</b>
1. Discuss the intersection between business activity, waste generation, and a range of UN SDGs	8.1.1, 8.1.2
2. Evaluate current waste management strategies, and discuss developing ideas of waste management that might improve sustainability	8.1.3, 8.2.1, 8.3.3
3. Communicate effectively, in an appropriate academic manner.	8.3.1

<b>DATE OF APPROVAL:</b> 07/06/2022	<b>FACULTY/OFFICE:</b> Academic Partnerships
<b>DATE OF IMPLEMENTATION:</b> September 2024	<b>SCHOOL/PARTNER:</b> MLA
<b>DATE(S) OF APPROVED CHANGE:</b> N/A	<b>SEMESTER:</b> All Year

**Additional Guidance for Learning Outcomes:**

To ensure that the module is pitched at the right level check your intended learning outcomes against the following nationally agreed standards

- Framework for Higher Education Qualifications  
<http://www.qaa.ac.uk/docs/qaa/quality-code/qualifications-frameworks.pdf>
- Subject benchmark statements <https://www.qaa.ac.uk/quality-code/subject-benchmark-statements>
- Professional, regulatory and statutory (PSRB) accreditation requirements (where necessary e.g. health and social care, medicine, engineering, psychology, architecture, teaching, law)
- QAA Quality Code <https://www.qaa.ac.uk/quality-code>

**SECTION B: DETAILS OF TEACHING, LEARNING AND ASSESSMENT**

Items in this section must be considered annually and amended as appropriate, in conjunction with the Module Review Process. Some parts of this page may be used in the KIS return and published on the extranet as a guide for prospective students. Further details for current students should be provided in module guidance notes.

**ACADEMIC YEAR: 2024-5**

**NATIONAL COST CENTRE: 124 (Geography and Environment)**

**MODULE LEADER: Paul Wright**

**OTHER MODULE STAFF:**

**Summary of Module Content**

The first part of this module will discuss the various important waste streams that emanate from a range of manufacturing, transportation, and other commercial activities, and where these problems intersect with many of the UN SDGs. Current strategies and practices to reduce waste in these areas will be debated in the second part of the module. The final part of the module will discuss new ways of dealing with waste streams, drawing upon ideas from industrial ecology and closed loop thinking, using waste products from one process as raw materials from the next.

<b>SUMMARY OF TEACHING AND LEARNING [Use HESA KIS definitions]</b>		
<b>Scheduled Activities</b>	<b>Hours</b>	<b>Comments/Additional Information (briefly explain activities, including formative assessment opportunities)</b>
Lectures	20	Online lectures with formative quizzes to check for understanding
Tutorials	20	One to one, or one-to many sessions focussed upon practicing analytical techniques and exploring themes developed in the lectures
Self-Study	160	Guided and independent reading, assessment preparation
<b>Total</b>	<b>200</b>	<b>(NB: 1 credit = 10 hours of learning; 10 credits = 100 hours, etc.)</b>

**SUMMATIVE ASSESSMENT**

<b>Element Category</b>	<b>Component Name</b>	<b>Component Weighting</b>
Coursework	Report [4000 words]	100%

**REFERRAL ASSESSMENT**

<b>Element Category</b>	<b>Component Name</b>	<b>Component Weighting</b>
Coursework	Report	100%

<b>To be completed when presented for Minor Change approval and/or annually updated</b>		
<b>Updated by:</b> XX/XX/XXXX	<b>Date:</b>	<b>Approved by:</b> Date: XX/XX/XXXX