

Module Code	ACMA5021
Title	Sustainable Supply Chains
Date	26/05/2023
Level	5
Credits	10
Pre-Requisites	None

AIM(S)

- To develop students' awareness and critical understanding of sustainability issues in supply chains.
- To analyse the strategies and practices of achieving circular economy and net zero.

LEARNING OUTCOMES

Upon the successful completion of this module, the student should be able to:

- critically evaluate the impact of sustainability on supply chains.
- analyse ways in which supply chains can achieve decarbonisation and net zero requirements.

INDICATIVE CONTENT

- Sustainability issues in supply chains
- Sustainable warehousing
- Product design, cleaner production and packaging
- Sustainable purchasing and procurement
- Reverse logistics, recycling, waste and packaging management
- Risk, resilience and corporate social responsibility
- Sustainable logistics and supply chain management strategy and practices
- Circular Economy
- Decarbonising and Net Zero

Study Time Allocation

The study time for the module is divided as follows:

Activity type	Hours	Percentage
Scheduled learning	24	24%
Independent learning	76	76%
Placement learning	0	0%
TOTAL	100	100%

ASSESSMENT

Assessment Component 1

(Tick one)

☐ Written exam ☒ Coursework ☐ Practical

Mode of assessment	Volume	Weighting
Report	2,000 words	100%

Assessment Summary

Activity type	Percentage
Written exam	0
Coursework	100%
Practical	0
TOTAL	100%

INDICATIVE READING LIST

Module Code	ACMA5021	
Module Title	Sustainable Supply Chains	
Classification	Reading List entry	Electronic*
Essential	Grant, D. B., Trautrim, A. and Wong, C. Y. (2022) <i>Sustainable Logistics and Supply Chain Management Principles and Practices for Sustainable Operations and Management</i> London: Kogan Page	☐
Essential	Gupta, H. (2020) <i>Barriers and Overcoming Strategies to Supply Chain Sustainability Innovation</i> Elsevier, Amsterdam	☐
Essential	Weenk, E. and Henzen, R. (2021) <i>Mastering the Circular Economy - A Practical Approach to the Circular Business Model Transformation</i> London: Kogan Page	☐
Essential	Weetman, C. (2020) <i>A Circular Economy Handbook - How to Build a More Resilient, Competitive and Sustainable Business</i> London: Kogan Page.	☐
Further	Kovacic, Z., Strand, R. and Völker, T. (2020) <i>The Circular Economy in Europe: Critical Perspectives on Policies and Imaginaries</i> 1 st Ed, London: Routledge https://doi.org/10.4324/9780429061028	☒
Further	Akkucuk, U. (2019) <i>Ethical and Sustainable Supply Chain Management in a Global Context</i> Hershey PA: IGI Global	☒

Further	Heyzer, J. and Render, B. (2014) <i>Operations Management: Sustainability and Supply Chain Management</i> Harlow: Pearson	☒
Further	Atkinson, G., Dietz, S. and Neumayer, E. (2007) <i>Handbook of Sustainable Development</i> Cheltenham: Edward Elgar	☐
Further	Well-being of Future Generations (Wales) Act 2015 (Online). Available at http://www.legislation.gov.uk/anaw/2015/2/contents/enacted	☒