

Liverpool John Moores University

Title: Sustainable Supply Chains
Status: Definitive
Code: **6025LBSBSC** (126377)
Version Start Date: 01-08-2021

Owning School/Faculty: Business and Management
Teaching School/Faculty: Business and Management

Team	Leader
Hamid Reza Panjeh Fouladgaran	Y

Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 46
Total Learning Hours: 200 **Private Study:** 154

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	22
Seminar	22

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	Individual Report	60	
Exam	Exam	2 HR Exam	40	2

Aims

To understand how supply chain strategic objectives can be achieved through the consideration of the economic, environmental and social aspects in the decision-making process.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically assess the importance and implications of the triple bottom line perspective (i.e. economic, ecological and societal outcomes) to supply chain strategy development.
- 2 Awareness of key standards and best practice that foster sustainable supply chain processes (Plan, Source, Make, Deliver, and Return).
- 3 Demonstrate expertise of the key considerations in sustainable sourcing with regard to supplier selection, contracts, and performance measurement and evaluation.
- 4 Critically evaluate how contemporary issues (such as ethics, green technology and other indicators of desired behaviour) drive supply chains beyond mere compliance with standards to a more committed approach to achieving sustainability.
- 5 Analyse and design a working sustainable supply chain strategy, supported by technology.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Individual Report	4	5	
2 HR Exam	1	2	3

Outline Syllabus

- *Introduction to sustainable supply chain management – concepts and management*
- *Competitive Advantage through Sustainable Supply Chain*
- *Global Sustainability Indices and Standards*
- *Sustainable production and consumption*
- *Sustainable transport and distribution*
- *Reverse Supply Chains and logistics*
- *Sustainable sourcing and procurement (supplier assessment and development)*
- *Contemporary Issues in sustainability*
- *Supply Chain Management in a Circular Economy*
- *Supply chain strategy – lean, agile and leagile*

Learning Activities

Formal lectures and seminars.

Notes

This module will develop the students' understanding of key concepts, theories and

principles of sustainable supply chain, as part of the core modules taken in Level 4. Students will engage with wide-ranging issues and ideas relating to sustainability, and how they apply to supply chain management processes such as Plan, Source, Make, Deliver and Return, and all other critical value chain activities.