

Liverpool John Moores University

Title: Global Supply Chain Management and Multimodal Logistics
Status: Definitive
Code: **6104MAR** (121827)
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering
Teaching School/Faculty: Engineering

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 35

Total Learning Hours: 200 **Private Study:** 165

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	20
Online	10
Tutorial	3

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report 2000 words	40	
Exam	AS2	Examination	60	2

Aims

To develop knowledge and understanding of global supply chain management from the upstream functions of procurement and operations to the downstream decision making framework for the multimodal transportation of goods.

Learning Outcomes

After completing the module the student should be able to:

- 1 Understand and critically evaluate the challenges of managing networks of international suppliers and customers.
- 2 Analyse appropriate frameworks the process of supplier selection and evaluation for the creation of competitive advantage.
- 3 Analyse the supply and demand of freight transport services based on integrated modal choice decision making frameworks.
- 4 Develop an appreciation of relevant transport projects' findings influencing policy formulation with the involvement of the private and the public sector.

Learning Outcomes of Assessments

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

Report 2500 words	1	2		
Examination	1	2	3	4

Outline Syllabus

Upstream and downstream supply chain management; International trade and global logistics.

Supplier selection and evaluation criteria; Strategic procurement; Value chain analysis and competitive advantage.

Lean logistics and added value activities; Materials planning and controlling following purchasing.

Modal choice and transport chain management; Intermodal route planning.

Regional logistics gateways and emerging megaregions; Transport infrastructure networks and intermodal corridors; Green and sustainable logistics solutions.

Research projects in intermodal transport and formulation of transport policy; An overview in different continents and best practises.

Learning Activities

Integrated series of formal lectures and tutorials with blended online components.

Notes

Final year module looking at operational and organisational aspects of Global Supply Chain Management and Multimodal Logistics