

## Module Information

2022.01, Approved

### Summary Information

|                     |                                       |
|---------------------|---------------------------------------|
| Module Code         | 7503UCENPG                            |
| Formal Module Title | Logistics and Supply Chain Management |
| Owning School       | Engineering                           |
| Career              | Postgraduate Taught                   |
| Credits             | 20                                    |
| Academic level      | FHEQ Level 7                          |
| Grading Schema      | 50                                    |

### Teaching Responsibility

|                                   |
|-----------------------------------|
| LJMU Schools involved in Delivery |
| LJMU Partner Taught               |

### Partner Teaching Institution

|                  |
|------------------|
| Institution Name |
| Unicaf           |

### Learning Methods

| Learning Method Type | Hours |
|----------------------|-------|
| Online               | 36    |

### Module Offering(s)

| Display Name | Location | Start Month                         | Duration Number Duration Unit |
|--------------|----------|-------------------------------------|-------------------------------|
| SEP_NS-PAR   | PAR      | September (Non-standard start date) | 44 Weeks                      |

### Aims and Outcomes

|      |   |
|------|---|
| Aims | To provide an insight into the principles of logistics and supply chain management with particular reference to its application in the global business environment. |
|------|---|

**After completing the module the student should be able to:**

**Learning Outcomes**

| Code | Number | Description   |
|------|--------|---|
| MLO1 | 1      | Develop a critical awareness of logistics and supply chain management holistically and in terms of their component parts. |
| MLO2 | 2      | Analyse a range of management models within the global logistics environment.   |
| MLO3 | 3      | Appraise the interaction between global logistics and supply chain management and the international trade market.         |
| MLO4 | 4      | Critically analyse current developments in logistics and supply chain management and their impact.                        |

**Module Content**

|                        |  |
|------------------------|--|
| Outline Syllabus       | <p>Introduction to logistics and supply chain management - Distribution channels and their management, logistics network planning</p> <p>Globalisation - The integration of logistics systems into the global trading market</p> <p>Outsourcing - An evaluation of the roles of intermediaries in international logistics market</p> <p>Customer service implications - The driving forces behind global logistics from the perspective of customers for the services provided.</p> <p>Inventory management and lean and agile logistics - An overview of these concepts – and the related discipline of just-in-time – including an appraisal of effective management in a complex international situation.</p> <p>Beer Game</p> <p>Benchmarking - An examination of best practice in logistics management, including case studies into some of the world's leading exponents</p> <p>Logistics and supply chain risk management – An overview of risks management in logistics and supply chain management, some common methods for risk assessment</p> <p>Modelling logistics flow and supply chain operations covering product cost, sales, and profit</p> <p>Global supply chain modelling, simulation, sensitivities, quantitative analysis and supply chain performance appraisal</p> <p>Green/Sustainable Logistics and SCM</p> |
| Module Overview        |  |
| Additional Information | This module provides a systematic introduction to the main elements in the logistics and supply chain management.  |

**Assessments**

| Assignment Category | Assessment Name | Weight | Exam/Test Length (hours) | Module Learning Outcome Mapping |
|---------------------|-----------------|--------|--------------------------|---------------------------------|
| Report              | AS1             | 40     | 0                        | MLO1, MLO2, MLO3, MLO4          |
| Report              | AS2             | 60     | 0                        | MLO1, MLO2, MLO3, MLO4          |

## Module Contacts

### Module Leader

| Contact Name             | Applies to all offerings | Offerings |
|--------------------------|--------------------------|-----------|
| Dimitrios Paraskevadakis | Yes                      | N/A       |

### Partner Module Team

| Contact Name | Applies to all offerings | Offerings |
|--------------|--------------------------|-----------|
|--------------|--------------------------|-----------|