

Module Title Supply Chain Management	Reference	BSM523
	SCQF	SCQF
Keywords Supply Chain; Capacity Management; Inventory and Logistics; Supply and Demand Management; Customer and Supplier Relationship Management; Sustainable Supply Chain	Level	11
	SCQF Points	15
	ECTS Points	7.5
	Created	May 2002
	Approved	August 2013
	Amended	September 2013
	Version No.	4

This Version is No Longer Current

The latest version of this module is available [here](#)

Prerequisites for Module

None in addition to SCQF 11 entry qualifications or equivalent.

Leading-edge concepts such as transformational logistics, process mapping, re-engineering the supply chain, e-business technology, reverse logistics and the strategic management of lead times shall be evaluated.

Corequisite Modules

None.

Throughout the module the integrative benefits of the supply chain shall be emphasised with case examples studied from best practice organisations world-wide, relating these to themes of sustainability and globalisation.

Precluded Modules

None.

Aims of Module

To promote an understanding of the contribution of the integrated supply chain to the achievement of organisational effectiveness.

Indicative Student Workload

	Full Time	Part Time	Distance Learning
<i>Contact Hours</i>			
Lectures/Seminars	36	36	36
Assessment	12	12	12
<i>Directed Study</i>			
Directed Study	64	64	64

Learning Outcomes for

Private Study

Module

Private Study 38 38 38

On completion of this module, students are expected to be able to:

1. Critically analyse and discuss in a systematic and critical manner the concepts, principles and models related to Supply Chain Management.
2. Analytically examine the supply chain of organisations and measure performance improvement.
3. Synthesise a range of advanced and specialised concepts, principles and models and apply these for operational and strategic improvement.
4. Show an autonomous ability for research, problem-solving and an enthusiasm for independent learning.

Indicative Module Content

Major conceptual approaches to the supply chain will be examined relating to three main themes: supply chain

Mode of Delivery**Taught Mode (T)**

The module is delivered in Taught Mode by lectures, interactive group work, case study tutorials and directed self-study.

Distance Learning Mode (DL)

The module is delivered in Distance Learning Mode by self directed learning from paper-based or web-based learning materials, supported by seminars and/or on-line support.

Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2
Component 2	3,4

Component 2 is an individual coursework (60% weighting)

Component 1 is an individual coursework (40% weighting)

Indicative Bibliography

1. CHOPRA, S., 2019. Supply chain management: strategy, planning and operation. 7th ed. London: Pearson Education

MINH TRANG, R. and SIEGFRIED, P., 2022. Sustainable supply chain management: learning from the German automotive industry. Springer International Publishing.

Strategic aspects of the integrated supply chain are investigated within a background of the growing internationalisation of business, with specific attention to the issues surrounding sustainability of supply chain design and practice. Lean and Agile Supply Chain strategies are reviewed and their suitability to different supply chain scenarios critically evaluated.

Aspects of supply chain design such as postponement, de-coupling and the role of information are emphasised. In particular, the dilemma of measuring supply chain performance are examined related to the customer service and resource productivity objectives, with specific coverage of the tripple-bottom line philosophy addressing economic, environmental and social performance of the supply chain.

2. MINH TRANG, R. and SIEGFRIED, P., 2022. Sustainable supply chain management: learning from the German automotive industry. Springer International Publishing.
3. SACHIN, S.K., 2023. Digital transformation and industry 4.0 for sustainable supply chain performance. Springer International Publishing.
4. PFOHL, H.C., 2023. Logistics management: conception and functions. Springer International Publishing.
5. BLANCHARD, D., 2021. Supply chain management: best practices. 3rd ed. UK: Wiley.