Course Specification

Course Summary Information		
1	**Course Title**	MSc Logistics and Supply Chain Management
2	**BCU Course Code**	PT0803
3	**Awarding Institution**	Birmingham City University
4	**Teaching Institution(s)** (if different from point 3)	
5	**Professional Statutory or Regulatory Body (PSRB) accreditation** (if applicable)	Chartered Institute of Logistics and Transport (CILT)

6	**Course Description**
	This MSc Logistics and Supply Chain Management course is accredited by the Chartered Institute of Logistics and Transport (CILT) to provide you with the skills and knowledge to become a competent and innovative practitioner. Over the last few years the world around us has changed dramatically and effective logistics and supply chain management has become the backbone of global resilience; ensuring the flow of goods, services, and critical resources in an increasingly unpredictable world. This course will equip you with the strategic skills and expertise to navigate complexities, drive innovation, and lead in a field that powers the global economy and transforms industries, so that you graduate with the skills the industry demands. **What's covered in the course?** As companies face increasing competition, the need to reduce waste and improve the overall service offered to customers from initial design to final delivery, as well as mitigate risks stemming from uncertainties, the need for highly skilled logistics supply chain practitioners has never been more evident. This supply chain management course addresses the main operations aspects of both product-based and service industries. It is concerned with the initial design process, sourcing materials for the long-term satisfaction of the customer. Customer satisfaction is achieved by ensuring the supply of the right goods, in the right quantity, of the right quality, at the right price, to the right place, at the right time.

7	Course Awards		
7a	**Name of Final Award**	**Level**	**Credits Awarded**
	Master of Science Logistics and Supply Chain Management Master of Science Logistics and Supply Chain Management with Professional Placement	7 7	180 240
7b	**Exit Awards and Credits Awarded**		
	Postgraduate Certificate Logistics and Supply Chain Management Postgraduate Diploma Logistics and Supply Chain Management	7 7	60 120

8	Variations from the Academic Regulations
	Not applicable

9	Delivery Patterns			
Mode(s) of Study	**Location(s) of Study**	**Duration of Study**	**Code(s)**
Full Time	City Centre	12 months	PT0803
Part Time September	City Centre	24 months	PT0804
Part Time January	City Centre	28 Months	PT0802
Full Time with Professional Placement	City Centre (and placement provider)	18 months	PT1327

10	Entry Requirements
	The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/.

11	Course Learning Outcomes
Knowledge and Understanding	
1	Knowledge and understanding of concepts, theories and principles of operations and logistics and supply chain management and professional engineering practice in a logistics and supply chain management environment.
2	The skills of analysis, synthesis and decision-making in the resolution of logistics and supply chain management problems.
3	Logistics and supply chain management methodologies, innovation and creativity in management across the extended enterprise in a global arena
4	The structure of industrial systems and how these systems may be used to meet the varying demands placed on companies.
5	Organisational configuration to achieve more rapid responsiveness to a changing global environment.
Cognitive and Intellectual Skills	
6	Argue rationally and draw independent conclusions based on a rigorous, analytical and critical approach developed on the basis of engineering principles and practices to support an argument.
7	Write fully researched and referenced engineering reports which evaluate both technical and management issues.
8	Synthesise theory and practice systematically and creatively to specify, design and implement effective solutions.
9	Demonstrate, in an analysis of a specified engineering problem, a high level of competence and understanding of the data manipulation, information presentation and delivery.
10	Apply new engineering technologies and techniques to solve present and future industrial and commercial problems nationally and internationally.
Practical and Professional Skills	
11	Access information from a variety of sources and appraise its suitability for master's level research.
12	Apply the knowledge, skills and methodologies of logistics and supply chain management and engineering techniques to analyse and provide solutions to complex problems.
13	Possess a defined body of knowledge, skills and understanding and analyse its relationships with conceptual frameworks and professional practice.
14	Reflect on personal attributes, both theoretical and practical, and modify approach to maximise learning opportunities.
15	Interpret and critically evaluate knowledge, concepts and ideas and/or forms of creative expression, to deliver a quality product or service.
Key Transferable Skills	
16	Manage learning and self-development, including time management and prioritising of work when tackling and solving complex problems.
17	Communicate effectively in writing, orally and in presentations to specialist and non-specialist audiences.
18	Make effective use of IT including word and data processing packages, internet and electronic information sources.
19	Systematically research a topic, synthesise and critically evaluate data and information from a variety of web-based and traditional sources.
20	In cooperation with others, plan and implement tasks at a professional level and contribute to team goals through making sound judgements.

12	**Course Requirements**
12a	**Level 7:** ***In order to complete this course a student must successfully complete all the following CORE modules (totalling 180 credits):***

Module Code	Module Name	Credit Value
ENG7142	Research Methods	20
ENG7226	Engineering Resource Planning	20
ENG7223	Project Procurement and Contracts	20
ENG7227	Operations Engineering and Logistics	20
CMP7177	Enterprise Systems	20
ENG7140	Strategic Planning for the Supply Chain	20
ENG7200	Individual Master's Project	60

Level 6:
In order to qualify for the award of MSc Logistics and Supply Chain Management with Professional Placement, a student must successfully complete all of the Level 7 modules listed above as well as the following Level 6 module:

Module Code	Module Name	Credit Value
PLA6004	Professional Placement	60

12b Structure Diagrams

Level 7

Full Time

Year 1 **1st Semester** of study	Strategic Planning for the Supply Chain (20 credits)	Enterprise Systems (20 credits)	Operations Engineering and Logistics (20 credits)
Year 1 **2nd Semester** of study	Research Methods (20 credits)	Project Procurement and Contracts (20 credits)	Engineering Resource Planning (20 credits)
Year 1 **3rd Semester** of study	Individual Master's Project (60 credits)		

September Part Time

Year 1 **1st Semester** **(Sept – Dec)**	Enterprise Systems (20 credits)	Strategic Planning for Supply Chain (20 credits)
Year 1 **2nd Semester** **(Jan – May)**	Research Methods (20 credits)	Engineering Resource Planning (20 credits)
Year 2 **1st Semester** **(Sept – Dec)**	Operations Engineering and Logistics (20 credits)	
Year 2 **2nd Semester** **(Jan – May)**	Project Procurement and Contracts (20 credits)	Individual Master's Project (60 credits)
Year 2 **3rd Semester** **(May – Sept)**		

January Part Time

Year 1 **1st Semester** **(Jan – May)**	Enterprise Systems (20 credits)	Strategic Planning for Supply Chain (20 credits)
Year 1 **2nd Semester** **(Sept – Dec)**	Engineering Resource Planning (20 credits)	Project Procurement and Contracts (20 credits)
Year 2 **1st Semester** **(Jan – May)**	Research Methods (20 credits)	
Year 2 **2nd Semester** **(Sept – Dec)**	Operations Engineering and Logistics (20 credits)	Individual Master's Project (60 credits)
Year 3 **1st Semester** **(Jan – May)**		

Professional Placement Full Time

Year 1 **1st Semester** of study	Strategic Planning for the Supply Chain (20 credits)	Enterprise Systems (20 credits)	Operations Engineering and Logistics (20 credits)
Year 1 **2nd Semester** of study	Research Methods (20 credits)	Project Procurement and Contracts (20 credits)	Engineering Resource Planning (20 credits)
Year 1 **3rd Semester** of study	Individual Master's Project (60 credits)		
Year 2 **1st Semester of study**	Professional Placement (60 credits)		

13 Overall Student Workload and Balance of Assessment

Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the optional modules selected, the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled Learning* includes lectures, practical classes and workshops, contact time specified in timetable
- *Directed Learning* includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning
- *Private Study* includes preparation for exams

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

Level 7

Workload

15% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	264
Directed Learning	124
Private Study	1412
Total Hours	1800

Balance of Assessment

Assessment Mode	Percentage
Coursework	72%
Exam	14%
In-Person	14%