

University of Plymouth

Faculty of Arts & Humanities

Plymouth Business School

Programme Specification

MSc Operations and Supply Chain Management
6788 / 6789 (Venlo)

Final Approved Version
August 2019

1. **Final award title** MSc Operations and Supply Chain Management

Level 7 Intermediate award title(s)

N/A

UCAS code N/A

HECOS code N120

2. **Awarding Institution:** University of Plymouth

Teaching institution(s): University of Plymouth / Fontys University of Applied Sciences, School of Business Engineering and Logistics, Venlo, Netherlands

3. **Accrediting body(ies)**

Summary of specific conditions/regulations

Date of re-accreditation

4. Distinctive Features of the Programme and the Student Experience

The MSc Operations and Supply Chain Management programme will be supported by:

Practical Orientation

The programme will be underpinned by a firm practical orientation. Each module will reflect current practice, and apply the theories outlined to real world problems and scenarios. The teaching approach will engage students in opportunities to apply theory to practice through experiential learning methods such as case studies analysis, live projects, and business simulations.

Dedicated Seminar Series

The programme will benefit from the ISLO dedicated seminar series delivered by invited executives from local, national and international companies and our alumni.

ISLO has a longstanding reputation for supply chain programmes, and so enjoys considerable support from industry.

Research-led and Practitioner-Informed Teaching and Learning

The programme modules will be delivered by staff with a keen interest, consultancy / professional practice experience, and research output in the field.

Employability

The benefits outlined above will add to the graduates' employability, and this will be supplemented with timely input from the Careers and Employability Service throughout semesters one and two. Students will benefit from a dedicated professional and personal development series aimed at postgraduate students. This starts at induction and will guide development throughout the programme with a series of bespoke events.

International Perspective

The programme recognises that the world of business is in effect getting smaller and even small organisations are competing increasingly in international markets. An international perspective is therefore required, and this will be reflected in both the taught sessions and the speakers invited to participate in the dedicated seminar series.

Study in the Netherlands

This programme offers the opportunity to study the first semester with Fontys University of Applied Sciences, School of Business Engineering and Logistics (FHBL), at Venlo in the Netherlands

5. Relevant QAA Subject Benchmark Group(s)

Master's Degrees in Business and Management (Type 1 – Specialist Master's Degrees)

6. Programme Structure

Tables 1 and 2 (see next page) outline the programme structure. The programme comprises six 20-credit modules that will be studied over two semesters, and one 60-credit research project. Table 1 indicates the modules studied for the Plymouth cohort, with table 2 showing those for the Venlo cohort.

Table 1: MSc in Operations and Supply Chain Management (Plymouth Cohort)

Semester One	Semester Two	Summer
<p>MAR701 Research Skills and Economics for International Supply Chains (20 credits)</p> <p>MAR702 Maritime Finance and Business Modelling (20 credits)</p> <p>MAR703 International Trade, Procurement, Logistics and Shipping (20 credits)</p>	<p>MAR707 International Supply Chain Systems (20 credits)</p> <p>STO704 Operations and Project Management (20 credits)</p> <p>STO706 Operations Management for Competitive Advantage (20 credits)</p>	<p>MAR710 Research Project (60 credits)</p>

Table 2: MSc in Operations and Supply Chain Management (Venlo Cohort)

Semester One	Semester Two	Summer
<p>MAR700V Supply Chains and Production Control Systems (20 credits)</p> <p>MAR701V Research Skills and Economics for International Supply Chains (20 credits)</p> <p>MAR702V Maritime Finance and Business Modelling (20 credits)</p>	<p>MAR707 International Supply Chain Systems (20 credits)</p> <p>STO704 Operations and Project Management (20 credits)</p> <p>STO706 Operations Management for Competitive Advantage (20 credits)</p>	<p>MAR710 Research Project (60 credits)</p>

7. Programme Aims

The programme aims to provide successful students with:

1. a deep and systematic understanding of the key challenges of operations and supply chain management, and the tools, techniques, concepts and frameworks with which to address these challenges
2. detailed knowledge and understanding of organisations, the dynamic external environments in which they operate, and their management
3. the ability to propose and initiate operations and supply chain management strategies required for complex international business
4. the ability to critically discuss a range of theoretical and applied solutions for management issues in operations and supply chain management
5. the skills to analyse decisions related to global issues in SCM and to manage global supply chains effectively.
6. the ability to learn and work autonomously in the pursuit of creative strategies and business solutions;
7. a range of transferable skills relevant to a career in business and management

8. Programme Intended Learning Outcomes

8.1. Knowledge and understanding

On successful completion learners should have developed deep knowledge and systematic understanding of:

- 8.1.1. current theoretical developments, contemporary trends and methodological issues in operations and supply chain management
- 8.1.2. the complexities of the external environments that affect organisations at different levels in terms of their strategies, management, working within ethical and social responsibilities, and sustainability
- 8.1.3. the processes, procedures, tools, techniques and practices that can be applied to different organisations and situations and which influence effective management of organisations engaged in operations and supply chain management

- 8.1.4. the importance of global supply chain management and the linkages between supply chain functions, stages and partners in the context of contemporary business practice

8.2. Cognitive and intellectual skills

On successful completion learners should have developed the ability to:

- 8.2.1. think critically and be creative through a process of analysis and synthesis of evidence, ideas, theory and concepts to facilitate the solution of complex problems
- 8.2.2. undertake research using appropriate methods and techniques to investigate operations and supply chain management scenarios and propose recommendations in various organisational contexts
- 8.2.3. critically evaluate business operations using relevant qualitative and quantitative data to identify and implement effective operational and strategic improvements using appropriate operations and supply chain management theory
- 8.2.4. select appropriate hard and soft techniques for the effective management of change within the operations & supply chain management context

8.3. Key and transferable skills

On successful completion graduates should have developed:

- 8.3.1. capabilities and qualities to support effective communication in a range of complex and specialised contexts
- 8.3.2. effective research, data collection, analysis and presentation skills
- 8.3.3. effective management of their own time, and demonstrate the motivation and initiative needed to work independently, incorporating an ethical approach to their practice

8.4. Employment related skills

On successful completion graduates should have developed:

- 8.4.1. a critical awareness of the need for change, to be adaptable and demonstrate originality, insight and critical and reflective skills so as to make informed decisions in complex and unpredictable situations
- 8.4.2. the ability to critically reflect on their own practice, leading to a high level of personal effectiveness, critical self-awareness, and the ability to learn through reflection on practice
- 8.4.3. the ability to work effectively on their own, and as a team member

- 8.4.4. a deep and systematic understanding of the interrelated nature of businesses and how this impacts on operational decisions.

8.5. Practical skills

On successful completion graduates should have developed:

- 8.5.1. capabilities and qualities to support effective communication with both practitioner and academic audiences
- 8.5.2. effectiveness in the utilisation of listening, negotiation and persuasion skills, and professional interpersonal communication skills in general
- 8.5.3. effective analytical and decision making skills
- 8.5.4. the skills to effectively manage supply chains, operations and projects

8. Admissions Criteria, including APCL, APEL and Disability Service arrangements

All applicants must have GCSE (or equivalent) Maths and English at Grade C or above.

Entry Requirements for MSc in Operations and Supply Chain Management	
BA / BSc Degree	Normal minimum entry requirements are any recognised honours degree at Lower Second (2:2 class) or above.
APEL	Candidates who do not possess a first degree or who have been awarded a third class honours or pass degree may be considered for the programme on the basis of previous work experience or relevant training. Candidates will be interviewed by the Programme Leader, and if appropriate may be required to complete an assessment to demonstrate they have the necessary knowledge and skills to allow entry.
Language Requirements	Candidates will be required to be competent in English. Candidates whose first language is not English require IELTS 6.5 (with a minimum of 5.5 in each element) or equivalent in a secure English language test. If the candidate's English language does not meet the above standard, they will be given the opportunity to complete one of the University's pre-sessional English language courses.

9. Progression criteria for Final and Intermediate Awards

As per University regulations

10. Non Standard Regulations

None

11. Transitional Arrangements

The following modules will be live in 2019/20, meaning that any interrupted or repeat students will be able to complete their studies.

- HRL710A Leadership and Management Essentials
- MKT700A Marketing and Strategy
- STO700A International Business Environment
- STO701 Knowledge Management and Decision Making
- STO702 Global Supply Chain Management
- STO704 Operations and Project Management
- STO706 Operations Management for Competitive Advantage

The following modules have been suspended for 2019/20:

- STO705 Quality Management and Lean Thinking
- ENT705SU Entrepreneurship and Small Business Growth
- STO707SU Sustainable Supply Chains

The recommendation provided to the Award Board in the case of any interrupted or repeat students will be that:

- Students will receive general academic and pastoral support via the existing Programme Leader;
- We will work with our existing MLs and the Senior Learning Technologist to provide high quality support materials through the DLE (continued access to module Moodle sites); and
- We will provide a schedule of supervisory contact with appropriate academic staff for any module being repeated – engagement with this will be recorded and monitored.
- Repeating Tier 4 students will be enrolled at the start of Semester 2 for Semester 2 modules, and/or the start of Term 3 for Summer modules to ensure there is no period of 60 days or more with no academic engagement during term time.

Appendices
Programme Specification Mapping (PGT)

Appendix 1: Programme Specification Mapping (PGT): module contribution to the meeting of Award Learning Outcomes

Plymouth Cohort

Module	Credits	C core E elective	Award Learning Outcomes contributed to (for more information see Section 8)																				Compensation Y/N	Assessment element(s) and weightings [use KIS definition] E1 - exam E2 - clinical exam T1 - test C1 - coursework A1 - generic assessment P1 - practical
			8.1 Knowledge & understanding				8.2 Cognitive & intellectual skills				8.3 Key & transferable skills			8.4 Employment related skills				8.5 Practical skills						
			1	2	3	4	1	2	3	4	1	2	3	1	2	3	4	1	2	3	4			
MAR701	20	C				X	X				X		X	X		X		X	X	X	X	Y	C1 100%	
MAR702	20	C			X		X		X		X		X	X		X	X	X	X	X	X	Y	C1 100%	
MAR703	20	C	X	X	X	X	X				X		X			X	X	X	X	X	X	Y	C1 100%	
Learning Outcomes 60 credits			X	X	X	X	X		X		X		X	X		X	X	X	X	X	X			
MAR707	20	C	X	X	X	X	X		X		X		X	X		X	X	X	X	X	X	Y	C1 100%	
STO704	20	C	X	X	X		X		X	X	X		X	X	X	X	X	X	X	X	X	Y	C1 50% P1 50%	
STO706	20	C	X	X	X		X		X	X	X		X	X		X		X	X	X	X	Y	C1 100%	
Learning Outcomes 120 credits			X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X	X			
MAR710	60	C	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	N	C1 100%	
Learning Outcomes 180 credits			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Confirmed Award LOs																								

Venlo Cohort

Module	Credits	C core E elective	Award Learning Outcomes contributed to (for more information see Section 8)																				Compensation Y/N	Assessment element(s) and weightings [use KIS definition] E1 - exam E2 - clinical exam T1 - test C1 - coursework A1 - generic assessment P1 - practical
			8.1 Knowledge & understanding				8.2 Cognitive & intellectual skills				8.3 Key & transferable skills			8.4 Employment related skills				8.5 Practical skills						
			1	2	3	4	1	2	3	4	1	2	3	1	2	3	4	1	2	3	4			
MAR700	20	C	X	X	X	X	X		X		X		X	X	X	X	X	X	X	X	Y	C1 100%		
MAR701V	20	C				X	X				X		X	X		X	X	X	X	X	Y	C1 100%		
MAR702V	20	C			X		X		X		X		X	X		X	X	X	X	X	Y	C1 100%		
Learning Outcomes 60 credits			X	X	X	X	X		X		X		X	X	X	X	X	X	X	X				
MAR707	20	C	X	X	X	X	X		X		X		X	X		X	X	X	X	X	Y	C1 100%		
STO704	20	C	X	X	X		X		X	X	X		X	X	X	X	X	X	X	X	Y	C1 50% P1 50%		
STO706	20	C	X	X	X		X		X	X	X		X	X		X	X	X	X	X	Y	C1 100%		
Learning Outcomes 120 credits			X	X	X	X	X		X	X	X		X	X	X	X	X	X	X	X				
MAR710	60	C	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	N	C1 100%		
Learning Outcomes 180 credits			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Confirmed Award LOs																								