

**PROGRAMME SPECIFICATION
(Taught Postgraduate)**



1	Awarding Institution	Newcastle University
2	Teaching Institution	Newcastle University
3	Final Award	MSc
4	Programme Title	Operations, Logistics and Supply Chain Management
5	Programme Code	5154 F
6	Programme Accreditation	N/A
7	QAA Subject Benchmark(s)	Business and Management
8	FHEQ Level	Level 7
9	Last updated	July 2021

10	Programme Aims
	<ol style="list-style-type: none"> 1 To provide students with the opportunity to engage in the advanced study of Operations and Supply Chain Management in the manufacturing and service sectors. 2 To enable participants to prepare for and /or develop a career in Operations and Supply Chain Management 3 To enable participants to develop the ability to apply their knowledge and understanding of operations management and logistics in a thorough, systematic, informed and creative way. 4 To enable participants to convert theory into practice from a critical and informed perspective so as to advance the effectiveness and competitiveness of organisations. <p>More specifically the aims are:</p> <ol style="list-style-type: none"> 1 To provide advanced study of Operations and Supply Chain Management in a variety of organisational contexts. 2 To produce graduates with the necessary specialist knowledge and skills appropriate to pursue careers in Operations Management, logistics, general management or consulting. 3 To expose students to a variety of learning experiences. 4 To develop transferable skills including report writing, personal and interpersonal skills, presentation skills, group working skills and an appreciation of working in a multicultural environment. 5 To produce graduates able to understand, explain and apply an integrated approach to the Operations and Supply Chain Management as a means of improving organisational performance. 6 To provide an understanding of the contribution of life long learning and personal development to both individual and organisational development. 7 To produce highly marketable graduates who are able to make an immediate contribution to their organisation.

- 8 To provide a qualification which fully meets the expectation at Level 7 of the Framework for Higher Education Qualification.
- 9 To provide a programme that complies with prevailing University policies and QAA codes of practice.

11 Learning Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the relevated discipline areas. The programme outcomes have references to the benchmark statements for Masters Awards in operations, logistics and supply chain management and provide students with opportunities to demonstrate disciplinary competency by undertaking research, developing their knowledge.

Knowledge and Understanding

- On completing the programme students should:
- A1 How an integrated approach to Operations and Supply Chain Management can impact on business performance.
 - A2 The importance of organisational context in Operations Management, including product/ service type, mode of service, size of company, type of industry, stage in the business life cycle and the degree of internationalisation of the business.
 - A3 The importance and role of operations strategy and logistics.
 - A4 Methods of planning, control and continuous improvement.
 - A5 The importance of Lean supply, supply chain management and the management of change.
 - A6 Quality assurance system, quality control approaches and the use of statistical methods.
 - A7 The role and function of information technology in supporting Operations Management.
 - A8 Ethical issues and their implications in management practice.
 - A9 Comparative international business environments and how they differ across countries and institutions, including business firms, governments, international organisations, and the markets in which they operate.

Teaching and Learning Methods

The primary mode of instruction is via lectures and staff led discussion, supplemented by practical exercises including the use of case studies. Students are encouraged to employ reading lists to broaden subject knowledge and to use appropriate business cases, quantitative examples and new developments in the management of Operations Management to ensure up to date knowledge of the theory and practice. External speakers may be brought in to provide examples of key aspects of Operations Management in different organisations, students are encouraged to critically evaluate these sessions in the light of their developing knowledge. (A1 – 9).

Assessment Strategy

Knowledge (A1-9) is assessed by a mix of unseen examinations, supported by assignments which are selected to best reflect the subject being studied. In addition a thesis will be produced.

Intellectual Skills
<p>On completing the programme students should be able to:</p> <ul style="list-style-type: none"> B1 Evaluate evidence critically, reach conclusions and present findings. B2 Problem solve within the context of the business environment with particular emphasis on Operations and Supply Chain Management B3 Integrate evidence from a variety of sources to effect improvement in the operational performance of organisations. B4 Contribute effectively to the planning, design and implementation of projects.
Teaching and Learning Methods
<p>Students learn by completing case studies, group and individual exercises, the presentation of findings and designing and completing a research project. (B1 - 4).</p>
Assessment Strategy
<p>Cognitive skills (B1-4) are assessed by a mix of unseen examinations, supported by assignments which are selected to best reflect the subject being studied. In addition research skills are assessed when a thesis is produced.</p>
Practical Skills
<p>On completing the programme students should be able to:</p> <ul style="list-style-type: none"> C1 Implement appropriate operations strategies, that maximise the contribution of Operations Management and Logistics whilst optimising the interests of key stakeholders in various organisational environments. C2 Be able to systematically collect, analyse and interpret data. C3 Be able to effectively use bibliographic skills to review the literature, formulate research questions, apply appropriate methodologies for problem solving, collect data, synthesise results and reach logical conclusions. C4 Provide advice about how to apply Operations Management and Quality Management tools and techniques to improve organisational performance.
Teaching and Learning Methods
<p>Students are required to apply their knowledge of key skills to practical situations, though individual and group exercises and through a major project.</p>
Assessment Strategy
<p>Subject specific skills (C1-4) are assessed by a mix of unseen examinations, supported by assignments and other assessed exercises which are selected to best reflect the subject being studied. In addition a thesis is produced.</p>
Transferable/Key Skills
<p>On completing the programme students should be able to:</p> <ul style="list-style-type: none"> D1 Use appropriate verbal/written communication skills to convey information tailored in content, style and presentation to the needs of their intended audience.

<p>D2 The ability to work independently with initiative and adaptability.</p> <p>D3 Work within a team contributing appropriately and effectively towards the team based activity.</p> <p>D4 The ability to solve problems.</p> <p>D5 Where relevant, demonstrate numeracy by applying the appropriate computational techniques and interpret or critically evaluate the results.</p>
<p>Teaching and Learning Methods</p>
<p>Students experience problem solving in case studies, group exercises and assignments. (D4) They develop presentation, team-working skills and the ability to work independently. (D1, D2, D3).</p>
<p>Assessment Strategy</p>
<p>Transferable skills (D1-5) assessed by a mix of unseen examinations, open book examinations, supported by assignments which are selected to best reflect the subject being studied. In addition skills are assessed when a thesis is produced.</p>

<p>12 Programme Curriculum, Structure and Features</p>
<p>Basic structure of the programme</p>
<p>This is a 180 Credit modular programme which is studied over a 12 month period on a full-time basis. It is designed for students who generally have limited related experience and aims to develop Masters level knowledge, understanding and skills in operations management subjects. The programme aims to prepare individuals for employment and therefore will generally attract recent graduates (cognate or relevant first degree) but there may possibly be some mature entry students. Additional programme-specific requirements can be found in the Programme Regulations.</p> <p>Semester One – This element of the programme represents 70 credits of study and provides participants with a broad introduction to the main areas of supply chain and operations management.</p> <p>Semester Two– This element of the programme represents 50 credits of study and provides participants with the opportunity to develop their knowledge and abilities in more advanced and specialist aspects of operations, logistics and supply chain management.</p> <p>Semester Three – students ‘proceed’ to the dissertation once they have passed the taught component of the degree (please see ‘Progress’ below), pass Research Method module which gains a mark of 50% or higher, and satisfactorily completed an ethical approval form and other relevant documents (e.g., fieldwork risk assessment). The dissertation is designed to enable students to demonstrate their knowledge, understanding and skills gained from the programme within the context of a detailed study of a management or business issue. Students are required to carry out 60 credits of study by means of a dissertation.</p>
<p>Key features of the programme (including what makes the programme distinctive)</p>
<p>The programme aims to produce graduates with the necessary specialist knowledge and skills appropriate to pursue careers in Operations Management, Logistics and Quality Management, or in general management/consulting. The programme has a strong focus on the core subjects of Supply Chain Management and Operations Management, combined with business-related examples and latest academic research publication. The modules on the programme offer a variety of study methods to combine theories with practical applications. The programme has been fully accredited by the Chartered Institution of Procurement and Supply. Students will become a full member of CIPS after gaining three years of relevant work experience following completion of the programme.</p>

Programme regulations (link to on-line version)

5154 Programme Regulations 21-22

13 Support for Student Learning

Generic information regarding University provision is available at the following link.

https://www.ncl.ac.uk/ltds/assets/documents/qsh_progspec_generic_info.pdf

14 Methods for evaluating and improving the quality and standards of teaching and learning

Generic information regarding University provision is available at the following link.

https://www.ncl.ac.uk/ltds/assets/documents/qsh_progspec_generic_info.pdf

Accreditation reports

N/A

Additional mechanisms

N/A

15 Regulation of assessment

Generic information regarding University provision is available at the following link.

https://www.ncl.ac.uk/ltds/assets/documents/qsh_progspec_generic_info.pdf

In addition, information relating to the programme is provided in:

The University Prospectus: <http://www.ncl.ac.uk/postgraduate/courses/>

Degree Programme and University Regulations: <http://www.ncl.ac.uk/regulations/docs/>

Please note. This specification provides a concise summary of the main features of the programme and of the learning outcomes that a typical student might reasonably be expected to achieve if she/he takes full advantage of the learning opportunities provided.