# PROGRAMME SPECIFICATION

Bachelor of Science with Honours in Digital Supply Chain Management

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| **Awarding institution** | Liverpool John Moores University |
| **Teaching institution** | German Academy for Foreign Trade and Logistics |
| **JACS Code** | |
| **Programme Duration** | Full-Time: 2 Years |
| **Language of Programme** | All LJMU programmes are delivered and assessed in English |
| **Subject benchmark statement** | |
| **Programme accredited by** | |
| **Description of accreditation** | |
| **Validated target and alternative exit awards** | Bachelor of Science with Honours in Digital Supply Chain Management |
| | Diploma of Higher Education in Digital Supply Chain Management |
| **Link Tutor** | Ben Matellini |

## Educational aims of the programme

• Apply relevant technical and commercial principles to the design and management of digital supply chains in line with current global industry developments.

• Have substantial opportunity to practise self-learning.

• Develop the skills and ability to carry out an original investigation into a particular business problem in the field of logistics and digital supply chain management.

• Prepare for or develop a career in management in the logistics industry or relevant academic study.

### Alternative Exit/ Interim Award Learning Outcomes - Diploma of Higher Education

*A student who is eligible for this award will be able to:*

Demonstrate knowledge and critical understanding of the strategic elements associated with Business Processes, and Logistics and Supply Chain Management.

Examine the design and management principles of Business and Logistics Processes and Supply Chains in various case examples.

Judge concepts and principles of Logistics related business functions such as process and operations management, financial analysis, organisational design, and legal regulations.

Apply critical thinking and advanced analysis techniques in order to deliver business solutions in Logistics and Supply Chain - Management and related business functions.

(L4) Demonstrate knowledge of the underlying concepts and principles associated with international business processes and projects.

(L4) Demonstrate knowledge of business communication, fundamentals of business law, structures of companies and markets, and mathematics.

(L4) Evaluate and interpret concepts and principles of Transport and Logistics within the context of international business processes and projects.

(L4) Develop suitable arguments and make reasonable judgements in a business context.

## Target award Learning Outcomes - Bachelor of Science with Honours

*A student successfully completing the programme of study will have acquired the following subject knowledge and understanding as well as skills and other attributes.*

*A student who is eligible for this award will be able to:*

1. Understand transport and logistics service providers and their external environment - structures, function, processes, management and operational climate.

2. Understand customers - expectations, service and orientation.

3. Understand people - their management and development within organizations.

4. Understand operations - the management of resources and operations.

5. Understand information systems and business intelligence - development, management, and implementation of information systems and their impact upon organizations.

6. Undestand digital business - modelling and design of business processes, development of strategic priorities.

7. Understand business innovation and enterprise development – taking innovative business ideas to create new services or organizations

8. Integrate theory and practice.

9. Synthesise information from a variety of sources.

10. Formulate and test hypotheses.

11. Apply concepts and principles of the discipline to complex problems.

12. Analyse situations and draw appropriate conclusions and recommendations.

13. Utilize tools and techniques to analyze and model logistics needs in supply chains.

14. Evaluate digital solutions to logistics and supply chain problems.

15. Develop the ability to plan policies and strategies for a variety of digital applications in supply chains.

16. Apply knowledge and understanding to a variety of business situations.

17. Conduct research into a variety of digital business, logistics, and supply chain management issues.

18. Learn effectively for the purpose of continuing professional development and in a wider context throughout their career.

19. Communicate effectively to a wide range of individuals by a variety of means.

20. Manage time and work to deadlines.

21. Work as a member of multimodal and cross-functional teams.

22. Effectively use ICT in a business context.

23. Project plan and time/task management.

24. Utilise problem solving skills in a variety of theoretical and practical situations.

# Teaching, Learning and Assessment

*The methods used to enable outcomes to be achieved and demonstrated are as follows:*

Acquisition of knowledge is achieved mainly through illustrated and annotated presentation materials, individual and group exercises and directed student-centred learning where appropriate resource material is available.

Understanding is reinforced through both the exercises and the main end-of-module assessments which typically take the form of an essay (usually case study), technological task, technical report, and/or exams. Research for the BSc Project module will facilitate further learning for the student.

Testing of the knowledge base is undertaken in the form of the essays, reports, technological tasks, and exams (Learning Outcomes 1-7).

Intellectual skills are developed in part through exercises during the module delivery and principally through

end-of-module assignments, which test all learning outcomes, LOs 8 to 13. Individual exercise and group exercises within the taught part of the programme are designed to permit students to demonstrate achievement of LOs 12-13.

Analysis and problem solving skills are assessed in the form of essays, reports and technological tasks plus the dissertation Project. Learning outcomes 8-10 are not formally assessed but successful completion of the BSc infers development of the skills.

Professional practical skills are developed in a coordinated manner throughout the programme. Real-life examples and case studies are used to illustrate techniques and management issues, hence relating the learning to workplace examples.

Professional skills are assessed (informally / implicitly) through essays, reports, technological tasks, and exams

plus the Business Project module.

Transferable skills permeate every activity within the programme content and assessment.

LOs 19, 20, 21 and 23 are assessed through essays, reports and technological tasks, plus the Project Work. LOs 22 and 24 are not formally assessed but their application is embedded within the self-management process of researching and completing assessments and the project work on time.

## Programme structure - programme rules and modules

The entry point for enrolment at LJMU is at Level 5 only. Applicants will be awarded 120 credits of RPL at level 4 for their study at DAV.

| Level 6 | Potential Awards on completion | Bachelor of Science with Honours |
|---|---|---|
| Core | Option | Award Requirements |
| 6506DAV Process and Quality Management (20 credits) 6507DAV Digital Business Management (20 credits) 6508DAV Strategic Management (20 credits) 6509DAV Business Project (40 credits) 6512DAV Supply Chain Simulation (20 credits) | | 120 core credits at level 6 0 option credits at level 6 |

| Level 5 | Potential Awards on completion | |
|---|---|---|
| Core | Option | Award Requirements |
| 5501DAV Statistics (10 credits) 5504DAV Research Planning (10 credits) 5508DAV Fundamentals of Digitization (20 credits) 5509DAV Project and Change Management (20 credits) 5510DAV Data Analytics (20 credits) 5511DAV Managing International Teams (20 credits) 5512DAV Transport and Supply Chain Management (20 credits) | | 120 core credits at level 5 0 option credits at level 5 |

## Information about assessment regulations

All programmes leading to LJMU awards operate within the University's Academic Framework. https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework

## Opportunities for work-related learning ( location and nature of activities)

All modules are designed to be relevant to the workplace; real-life case studies are used throughout. Students are encouraged to use their own work experience in assignments, where appropriate.

## Criteria for admission

**Other**
Entry to this programme is at level 5 and is open to holders of the DQF/EQF level 4 qualification Kaufmann/-frau für Spedition und Logistikdienstleistung, awarded by: DAV and German Chamber of Commerce (DIHK) or equivalent.

On entry applicants will be awarded 120 credits of RPL at level 4.

Students must meet the English language criteria.

Entry to level 5 and enrolment at LJMU requires English level B2 (6.0 - 6.5 IELTS). To prove they satisfy the English level required for admission to the LJMU Programme, students have to pass the Level-B2-examination at DAV (level B2 = 6.0 - 6.5 IELTS).

Any applicant to the programme who does not match the above English language criteria will be given an interview (by telephone if face to face is not practical) to ascertain their knowledge, skills and experience in relation to the programme requirements.

# External Quality Benchmarks

All programmes leading to LJMU awards have been designed and approved in accordance with the UK Quality Code for Higher Education, including the Framework for Higher Education Qualifications in the UK (FHEQ) and subject benchmark statements where applicable.

The University is subject to periodic review of its quality and standards by the Quality Assurance Agency (QAA) Published review reports are available on the QAA website at www.qaa.ac.uk

Programmes which are professionally accredited are reviewed by professional, statutory and regulatory bodies (PSRBs) and such programmes must meet the competencies/standards of those PSRBs.

# Support for students and their learning

The University aims to provide students with access to appropriate and timely information, support and guidance to ensure that they are able to benefit fully from their time at LJMU. All students are assigned a Personal Tutor to provide academic support and when necessary signpost students to the appropriate University support services.

Students are able to access a range of professional services including:

- Advice on practical aspects of study and how to use these opportunities to support and enhance their personal and academic development. This includes support for placements and careers guidance.

- Student Advice and Wellbeing Services provide students with advice, support and information, particularly in the areas of: student funding and financial matters, disability, advice and support to international students, study support, accommodation, health, wellbeing and counselling.

- Students studying for an LJMU award at a partner organisation will have access to local support services

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

### Student Feedback and Evaluation

The University uses the results of student feedback from internal and external student surveys (such as module evaluations, the NSS and PTES), module evaluation questionnaires and meetings with student representatives to improve the quality of programmes.

### Staff development

The quality of teaching is assured through staff review and staff development in learning, teaching and assessment.

### Internal Review

All programmes are reviewed annually and periodically, informed by a range of data and feedback, to ensure quality and standards of programmes and to make improvements to programmes.

### External Examining

External examiners are appointed to programmes to assess whether:

- the University is maintaining the threshold academic standards set for awards in accordance with the FHEQ and applicable subject benchmark statements

- the assessment process measures student achievement rigorously and fairly against the intended outcomes of the programme(s) and is conducted in line with University policies and regulations

- the academic standards are comparable with those in other UK higher education institutions of which external examiners have experience

- the achievement of students are comparable with those in other UK higher education institutions of which the external examiners have experience

and to provide informative comment and recommendations on:

- good practice and innovation relating to learning, teaching and assessment observed by external examiners
- opportunities to enhance the quality of the learning opportunities provided to students

***Please note:***

*This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content, teaching, learning and assessment methods of each module can be found in module and programme guides.*