



Course Information Form

This Course Information Form provides the definitive record of the designated course

Section A: General Course Information

Course Title	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics
Final Award	MSc
Route Code	MSPLDAAF
Intermediate Qualification(s)	
FHEQ Level	7
Location of Delivery	University Square Campus, Luton
Mode(s) and length of study	Full Time over 24 months – 2 years
Standard intake points (months)	6 Entry Points in a year : September , November , February ,April , June , July
External Reference Points as applicable including Subject Benchmark	<p>QAA (2015), 'Subject Benchmark Statement: Master's Degrees in Business and Management'</p> <p>QAA Framework for higher education qualifications (2014) (level 7) http://www.qaa.ac.uk/en/Publications/Documents/qualifications-frameworks.pdf</p> <p>QAA (2020), 'Master's Degree characteristics https://www.qaa.ac.uk/docs/qaa/quality-code/master's-degree-characteristics-statement.pdf?sfvrsn=86c5ca81_18</p>

Professional, Statutory or Regulatory Body (PSRB) accreditation or endorsement	<p>Chartered Institute of Logistics Transport</p> <p>CILT's Universal Concepts</p> <p>1.1 Overview of transport and logistics for organisations, the community and society</p> <p>1.2 The importance of logistics & transport in socio-economic development</p> <p>1.3 Stakeholders in logistics and transport; their varied requirements and influence</p> <p>1.4 Environmental impact of logistics and transport, energy options, green logistics and sustainability</p> <p>1.5 Business & market structures used in logistics & transport</p> <p>1.6 Innovation, performance improvement, benchmarking and good practice</p> <p>1.7 Management, measurement & evaluation of financial performance</p> <p>1.8 Key elements of national and international legislation</p> <p>1.9 Modal & intermodal characteristics and opportunities</p> <p>1.10 Health and safety in the transport and logistics environment</p> <p>1.11 Security & Risk management, assessment, mitigation & response</p> <p>1.12 Customer service quality and adding value</p> <p>1.13 Developing organisational strategies</p> <p>1.14 Economic principles of supply and demand</p> <p>1.15 Project Management and negotiations</p> <p>1.16 Importance of information systems for efficiency and effectiveness</p> <p>1.17 Leadership, management and the development of people</p> <p>1.18 Reverse Logistics and Lean Logistics</p> <p>1.19 Transport logistics financing and investment, insourcing vs. outsourcing</p> <p>1.20 Business ethics and corporate social responsibility</p>
HECoS code(s)	100093
UCAS Course Code	

<p>Course Aims</p>	<p>The Educational aims of the MSc Purchasing, Logistics and Supply Chain Management course are to enable you to:</p> <ul style="list-style-type: none"> • Develop the range of knowledge, skills and values at the professional level and to master the knowledge specified in the fields. • Advance the study of organisations and supply chain networks, applied computing and information technology as related to data analytics , security management and incident response and the integrative management, and changing external context in which they operate; • Apply relevant knowledge and business and management skills to solve complex problems in organisations both systematically and creatively to improve business and management practice; <p>Therefore, the course will cover a range of study areas to reflect the skills and knowledge needed by today’s professional purchasing, logistics and/or supply chain managers including the sophisticated management of data related to those supply chains .</p> <p>The design of the course largely reflects the university education strategy which emphasizes on learning experience, effective curriculum design, realistic learning experience, employability of the curriculum, and assessment for learning.</p>																
	<p>Upon successful completion of your course you should meet the appropriate learning outcomes for your award shown in the table below</p>																
	<table border="1"> <thead> <tr> <th data-bbox="412 863 488 911"></th> <th data-bbox="488 863 1393 911">Outcome</th> <th data-bbox="1393 863 2110 911">Award</th> </tr> </thead> <tbody> <tr> <td data-bbox="412 911 488 1018">1</td> <td data-bbox="488 911 1393 1018">Demonstrate a systematic understanding of knowledge and a critical awareness of contemporary issues and/or new insights within Purchasing, Logistics and Supply Chain Management</td> <td data-bbox="1393 911 2110 1018">MSc Purchasing, Logistics and Supply Chain Management with Data Analytics</td> </tr> <tr> <td data-bbox="412 1018 488 1125">2</td> <td data-bbox="488 1018 1393 1125">Apply originality when autonomously addressing and resolving complex challenges using appropriate approaches and methodologies</td> <td data-bbox="1393 1018 2110 1125">MSc Purchasing, Logistics and Supply Chain Management with Data Analytics</td> </tr> <tr> <td data-bbox="412 1125 488 1270">3</td> <td data-bbox="488 1125 1393 1270">Critically analysis context and data to support sound decision making within Purchasing Logistics and Supply Chain Management and effectively and inclusively communicate outcomes with a wide range of audiences</td> <td data-bbox="1393 1125 2110 1270">MSc Purchasing, Logistics and Supply Chain Management with Data Analytics</td> </tr> <tr> <td data-bbox="412 1270 488 1412">4</td> <td data-bbox="488 1270 1393 1412">Understand and manage the ethics, sustainability and governance issues that may occur in the Purchasing Logistics and Supply Chain Management discipline and apply appropriate frameworks and professional codes</td> <td data-bbox="1393 1270 2110 1412">MSc Purchasing, Logistics and Supply Chain Management with Data Analytics</td> </tr> </tbody> </table>		Outcome	Award	1	Demonstrate a systematic understanding of knowledge and a critical awareness of contemporary issues and/or new insights within Purchasing, Logistics and Supply Chain Management	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics	2	Apply originality when autonomously addressing and resolving complex challenges using appropriate approaches and methodologies	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics	3	Critically analysis context and data to support sound decision making within Purchasing Logistics and Supply Chain Management and effectively and inclusively communicate outcomes with a wide range of audiences	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics	4	Understand and manage the ethics, sustainability and governance issues that may occur in the Purchasing Logistics and Supply Chain Management discipline and apply appropriate frameworks and professional codes	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics	
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Course Learning Outcomes	5	Demonstrate and use effective, rigorous, reflective skills of self-management and independence in terms of planning, behaviour, motivation and individual initiative to meet the demands of the field of Purchasing Logistics and Supply Chain Management	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics
	6	In the absence of complete data, analyse a range of complex and pervasive issues in a systematic and creative manner to generate sound judgements and recommendations that are communicated effectively to both a specialist and non-specialist audience	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics
	7	Utilise your deep and systematic knowledge and understanding of the key principles, tools and techniques in the field of applied computing and information technology aligned with advanced problem solving, innovation and creativity to develop solutions to applied computing and information technology contexts	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics
	8	Show strong technical expertise and critical awareness of the security implications, methodologies and frameworks applied to modern information security management systems to safeguard organisations and their assets	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics
	9	Creatively apply knowledge to improve and modify existing incident response programmes and critique national and international standards and best practices	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics
	10	Design a professional development plan that applies a systematic knowledge of the current vocational landscape to your future professional goals	MSc Purchasing, Logistics and Supply Chain Management with Data Analytics
<p>Learning and Teaching</p> <p>This course is designed to provide you with a unique learning experience. It will be intense but also very rewarding. You will start with a week-long welcome induction where, apart from being introduced to the University and your Faculty, the first interaction with the area of purchasing, logistics, supply chain management will prepare you for the rest of your studies.</p> <p>Your course will be delivered in a blocks format; this means you will undertake one unit at a time for 6 weeks. This constitutes one block of delivery. You will undertake one Unit at a time for six weeks and that will be a block of delivery. When you progress to the Master's capstone stage where you can choose one of the three options - Business Dissertation, Business Live Project, and Professional Practice. Regardless of which master's capstone experience you opt for, you will have to produce an individual, independent piece of work (dissertation/business report). You will have to identify the research question or problem under investigation, review relevant literature, develop a sound methodology in order to explore the problem, proceed with the analysis, discuss your findings and make recommendations. All capstone options are evaluated as equivalent based on the unit learning</p>			

outcomes. In order to undertake the capstone elements of the course (e.g. Business Live Project) you must have successfully completed 170 taught credits (i.e. 5x 30-credit units plus two 10 credit units) .

Each Unit will include significant direct contact time but it will also require and provide time for individual reading and preparation for assessment. That will take place in weeks 3 and 6 of each block. Classes will be designed to support an interactive learning environment, with input and activities, supporting group discussions. Through the interactive, collaborative teaching and learning environment, you will benefit from learning from the experience of tutors and other course members, thereby developing a critical understanding and appreciation of the core knowledge, concepts and theories related to the topic areas covered by the course.

Being active participants in the learning process improves your learning experience and increases your knowledge. At the same time, and throughout the course, you will be working on building up a number of transferable skills. Those are the ability to conduct high quality academic enquiry, to identify questions that need to be addressed in both a professional and scientific way, to think critically and to present your argument in a clear and concise manner as it is required for your success in this course but also as it will be expected by your future employers.

You will work individually and in group projects, on research exercises, presentations, and case studies, taking responsibility for a significant amount of study outside class times. The course is designed to encourage you to develop as an independent and analytical learner and to adopt a holistic approach to the study of procurement, logistics and supply chain management.

Your contribution to your own learning is pivotal. It is essential that, in order to maximise your benefit and to derive the best student experience, you must make optimum use of the time provided for individual learning. Direct contact times will be highly interactive and student preparation in advance is a key element for success. Starting in welcome induction week you will prepare for what will be an intensive delivery which will then be followed by your own individual learning and assessment. Your tutors are mostly active in research and will guide you through this process by exposing you to the latest developments of the relevant subjects. Research informed teaching is the basis for transforming a course to a unique student experience which is dynamic in its evolution and always relevant area of knowledge.

All units will be supported by our on-line learning environment, BREO, providing access to course materials and discussion groups. You are expected to do a substantial amount of reading yourselves. There will be both guided and independent reading and the information will be available to you through BREO and your Unit Handbooks Underpinning research and business experience will be used to enhance teaching and learning wherever possible. The course team has strong links with industry, external consultancy and professional bodies.

The course is informed by the codes of conduct and professional standards of professional bodies including: the Chartered Institute of Logistics and Transport UK; the Association for Operations Management; the Institute of Operations Management; and the Association of Project Management.

The teaching and learning is designed to support the University's Education Strategy:

Teaching, learning and assessment strategies

Personalised learning: Different approaches to learning are used to support students in achieving a rich learning experience. A variety of assessment strategies are used to support them through formative feedback and summative assessment. Students have opportunities to carry out self-reflection and to obtain feedback on their strengths and weaknesses to enhance learning.

Curriculum: The design of the curriculum reflects the progressive learning requirement of completing the 4 30-credits blocks before the students come to the final stage of the course – writing the dissertation.

Students will receive a detailed introduction to the course during the welcome week and will be informed of the expectations of the course and the respective units. For all the units, students are informed of the learning outcomes and marking criteria before engaging in assessments. All the units will be supported by the university's online learning platform BREO to enhance their learning experience.

Realistic learning: Relevant case studies will be provided to help students gain a better understanding of best practice in the subject areas. Students will have the opportunity to interact with industrial practitioners through guest lecturers and site visits. In-class group discussions and role-play in various units will help students better engage in classes and gain collaborative learning experiences.

The teaching on the applied computing units uses everyday experiences as a starting point to embark on a more systematic analysis and interpretation of key technologies and their application through a series of lectures and practical demonstrations and exercises .

Assessment

A number of different assessment methods will be used to help enhance your learning outcomes of this course. You will receive detailed briefings of the assessment and the marking criteria for each unit. In preparing your work/assignment for each assessment, your unit tutor will provide you with support and help you to enhance your learning outcome and assessment performance.

Typical types of assessment for this course includes:

Individual Written Report - Your knowledge and skills are developed when you undertake the task of writing an individual report and the whole process contributes to your improvement when it comes to conducting postgraduate level research and developing your enterprise. The ability to carry out literature-informed research, to review and evaluate the relevant sources, and to use an appropriate methodology in order to analyse and evaluate the relevant concepts is being assessed.

Case Study Analysis - You will apply relevant theoretical concepts or models covered in the course to analyse given case studies.

Oral Presentation - A number of transferable skills will be developed including the ability to present your findings in a professional, clear and concise manner.

Reflective Report: Evaluating your own contribution to a team project is essential in the context of this course but in the workplace as well.

Artifacts : to support applied computing and information technology units

Dissertation / Professional Practice / Business Live Project: Regardless of which master's capstone experience you opt for, you will have to produce an individual, independent piece of work. The three options are equivalent in weighting however, offer three distinct approaches to explore a research problem. The distinction between the three approaches is underpinned by the design of research methodology. You will be asked to identify the research question or problem under investigation, review the relevant literature, and develop a sound methodology in order to explore the problem, proceed with the analysis, discuss your findings and make recommendations. It is the capstone of this course and builds on the knowledge and skills acquired in all Units. It will be one of the most challenging but yet enjoyable and rewarding experiences you will encounter ever! Please refer to the unit information form (UIF) of each of the three options for details.

You are expected to make use of the journals, professional bodies and the media in order to keep up-to-date with information, examples, debates, discussions and events in procurement, logistics and supply chain management practices.

Your enquiry skills will be developed through lectures and workshops. You will be introduced to various research methods, such as survey, interview, focus group, action research, and various quantitative and qualitative analytical techniques. Through the final capstone unit in purchasing, logistics and/or supply chain management, you will be able to apply some of these methods and techniques to carry out independent research.

The notions of accountability and academic integrity will be an integral part of your course. You will be informed about what plagiarism is and how to avoid it during the delivery of each Unit. Where an individual project is required you will be asked to show the different stages of your work or to present it in its entirety upon completion. Where collaborative tasks are assigned, an individual reflective report or individual viva may be required to indicate your contribution to the team. All coursework assignments will require a thorough evaluation of the sources used and referencing will be done according to the Harvard Referencing System

As mentioned in an earlier section, a range of assessment methods will be used throughout the course and students will be required to undertake a variety of assessments, including individual reports, essays, case studies, oral presentations, reflective report, and a final course project – Business Dissertation, Professional Practice, or Business Live Project. The assessments are designed to test students' knowledge and understanding of the subject matter, but also to demonstrate the range of skills identified in the section above.

Students will also experience some formative assessment activities designed to support the development of their knowledge and skills. The purpose of such assessment is to enable them to monitor and improve their performance. For example, they will have the opportunity to discuss a report structure before completing the report, to present concepts/findings through presentations and receive feedback before producing a final report or presentation. In preparation for exams, they will have opportunity to attempt revision questions with guidance on how to address these, with appropriate solutions.

	<p>The assessment strategy underlines the course's concern with research and independent thinking, the ability to make informed decisions and communicate these under time pressure and, finally, the all-important skills of teamwork and oral communication of ideas.</p> <p>Written assessments will contribute to the learning outcomes focusing on your ability to research and critically evaluate elements of the curriculum in depth. The assessments will allow you to use a variety of named sources to support their viewpoints. At the end of four blocks you will progress to the master's capstone experience stage where you will opt to complete either, a dissertation, a professional practice, an internship or a live project unit. Details of each capstone option will be given in corresponding handbook.</p> <p>The knowledge and concepts acquired during the four taught periods of block teaching along with a number of highly important transferable skills will be combined and evaluated during the writing of the final piece of work, the master's capstone experience unit. Whether the students opt for a traditional research dissertation or an experiential learning option (Professional Practice or Business Live Project), an appropriate research methods element will introduce the students to the idea of postgraduate and/or action-based research. This final unit will enhance your ability to produce an independent piece of work and it will provide them with an opportunity to show the creativity and independence required in the workplace by holders of postgraduate degrees.</p>
Learning support	<p>The University's comprehensive student support service includes: Student Information Desk, a one-stop shop for any initial enquiries; Student Support team advising and supporting those with physical or learning needs or more general student well being; Study Hub team providing academic skills guidance; Personal Academic Tutoring system; a student managed Peer-Assisted Learning scheme; support from your lecturers</p>
Admissions Criteria	<p>https://www.beds.ac.uk/entryrequirements Approved Variations and Additions to Standard Admission N/A</p>
Assessment Regulations	<p>https://www.beds.ac.uk/about-us/our-university/academic-information Note: Be aware that our regulations change every year Approved Variations and Additions to Standard Assessment Regulations' N/A</p>

Section B: Course Structure

The Units which make up the course are listed below. Each unit contributes to the achievement of the course learning outcomes either through teaching (T), general development of skills and knowledge (D) or in your assessments (A).

Unit	Unit Name	Level	Credits	Core or Option	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
BSS051-6	Global Logistics and Supply Chain Management	7	30	Core	T1 A1	A1 D1	T2 A2	D1 T1												
BSS052-6	Project and Operations Management	7	30	Core	T1 A1	D1 A2	D2 A1	A2 T1												
BSS053-6	Sustainable Business Management	7	30	Core	T1 A1	A1 D1	T2 A2	D1 T1												
BSS054-6	Risk and Procurement Management	7	30	Core	T1 A1	T1 A1	T2 A2	T1 D2												
BSS072-6	Performance achievement planning	7	0	Core		D1 A1				D1 A1										
BSS074-6	Personal Professional Development	7	30	Core																
CIS108-6	Data Modelling, Management and Governance	7	30	Core						T1 A2	T1 A2									
CIS109-6	Computer Networks and Security	7	30	Core							T1 A2	T1 A2								
CIS132-6	Developing Independent Research	7	30	Core																
MAR042-6	Business Dissertation	7	60	Core					D1 A1	A2 D2										

Section C: Assessment Plan

The course is assessed as follows :

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Unit Code	Level	Period	Core/Option	Ass 1 Type code	Ass 1 Submit wk	Ass 2 Type code	Ass 2 Submit wk	Ass 3 Type code	Ass 3 Submit wk	Ass 4 Type code	Ass 4 Submit wk
BSS051-6	7	12	Core	PR-ORAL	3	CW-CS	6				
BSS052-6	7	12	Core	WR-I	3	WR-GR	6	PR-OR	6		
BSS053-6	7	12	Core	PR-OR	3	WR-I	6				
BSS054-6	7	12	Core	WR-I	3	WR-I	6				
BSS074-6	7	12	Core	CW-PO	6						
CIS108-6	7	12	Core	PJ-ART	3	EX	6				
CIS109-6	7	12	Core	WR-I	3	IT-PT	6				
CIS132-6	7	12	Core	CW-PO	6						
MAR042-6	7	12	Option	WR-I	3	PJ-DIS	12				

Glossary of Terms for Assessment Type Codes

CW-CS	Coursework - Case Study
CW-PO	Coursework - Portfolio
EX	Exam (Invigilated)
IT-PT	Summative in-class test or phase test
PJ-ART	Coursework - Artefact
PJ-DIS	Coursework - Dissertation Report
PR-OR	Practical - Oral Presentation
WR-GR	Coursework - Group Report

WR-I	Coursework - Individual Report
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Administrative Information

Faculty	University of Bedfordshire Business School
School	Department of Strategy and Management
Head of School/Department	Alexander Koffinas
Course Coordinator	Ioannis Dermizakis