



## PROGRAMME SPECIFICATION

### KEY FACTS

<b>Programme name</b>	<b>Digital Supply Chain Management</b>
Award	MSc
School	Bayes Business School
Department or equivalent	Specialist Masters Programme
Programme code	BUMSDSM01 / PSDSCM
Type of study	Full Time
Total UK credits	180
Total ECTS	90
Partner (partnership programmes only)	Sogang UNIST
Type of partnership	Articulation

### PROGRAMME SUMMARY

This programme aims to prepare you for a career or business in supply chain management. Target employers are 1) management consulting, 2) manufacturing, 3) retailing, and 4) financial industry.

You are required to take ten core modules across the three terms as listed in the module diet. In term 3, you have two options to complete the MSc:

Option 1: Elective study only by taking 4 x 18 hours specialist electives of 10 credits each.

Option 2: A Business Research Project with a credit value of 30 and a maximum of 8,000 words, taken in tandem with one specialist elective.

Elective modules to be selected from those as listed in the module diet, and from MSc courses in the Specialist Masters Programme on approval of the Course Director(s). Additional guidance will be provided to you throughout the course in order to support your decision making in this area.

#### Learning and Teaching

In line with the School's Learning and Teaching Strategy, the programme team

promotes learning and teaching characterized by a diversity of resources, teaching styles and techniques.

### Aims

In addition to the aims and objectives of the Business School, the aim of this MSc course is to produce an informed, knowledgeable, confident, digitally literate, networking executive who can perform in an international business environment, under pressure and within time constraints. This aim falls within City's strategic aims of providing high quality education, making a significant contribution to the success of London as a world city and increasing its international scope and reputation.

The aim of the programme is to make it possible for you to:

- Acquire a solid theoretical background in the areas of supply chain with an emphasis on digitization.
- Acquire a solid understanding in various analytical and decision supporting methods
- Acquire up-to-date knowledge, based both on academic theory and on practical applications
- Acquire IT, presentation, team working and critical thinking skills; work under pressure in a very competitive environment
- Obtain a qualification which enables you to succeed in the fields of supply chain and related areas.

### **WHAT WILL I BE EXPECTED TO ACHIEVE?**

**On successful completion of this programme, you will be expected to be able to:**

#### Knowledge and understanding:

- Review and explain the broad area of supply chain and associated areas.
- Articulate how digital technologies support supply chain activities.
- Critically discuss the variety of supply chain concepts, philosophies, and practical applications.
- Use various quantitative and qualitative analytical and decision supporting methods.
- Evaluate current problems and/or new insights, much of which is at, or informed by, the forefront of the discipline of supply chain management

#### Skills:

- Apply various decision-making frameworks to systematically identify, assess and evaluate, and provide recommendations to the issues faced in supply chains.
- Demonstrate advanced qualitative and quantitative analytical skills used in

decision making processes and show strong computing skills to support scientific decision making.

- Analyse and synthesize both intrinsic and external factors affecting business situations, especially those related to supply chains and the digitization of supply chains.
- Plan and carry out independent, and original research/project work in a relevant area.
- Present your work in a coherent and professional manner. Communicate ideas effectively and succinctly in formats for a variety of professional audiences.

Values and attitudes:

- Identify and manage ethical issues pertaining to the supply chain with respect to all stakeholders.
- Apply the skills and knowledge gained during your degree with assurance, confidence and self-awareness.
- Tolerate disagreement and exude an open and sensitive attitude to diversity in business, cultures and people.

This programme has been developed in accordance with the QAA Subject Benchmark for General Business and Management.

**HOW WILL I LEARN?**

Learning is achieved through a range of methods, such as lectures, case studies, group work, presentations, seminars, company projects and simulation games. In general, the programme reflects the pedagogic philosophy of Bayes Business School: advanced, technically challenging education to prepare business professionals and leaders to operate at decision-making levels. You will also make extensive use of Moodle, our Virtual Learning Environment (VLE), which is used to support all learning on the course.

Emphasis is placed upon the specific acquisition of the theoretical foundations of various decision-making schools as applied in practical, real-world contexts. Student presentations - to lecturers, external guests, visitors from the City and other members of the class - give you invaluable practice in using, applying and expressing complex subject matter clearly and concisely to a business audience. Group work, on the preparation of case studies and a business plan, consolidates the acquired knowledge and also builds interpersonal and communication skills which are essential for any future career you might choose.

The MSc in Digital Supply Chain Management is designed and structured to allow for intellectual progression through core modules taught in terms 1 and 2. Modules taught in term 2 normally build on the knowledge and skill acquired in term 1. Term three allows for further progression by choosing specialist elective modules or a

dissertation/project, where students can apply knowledge and skills acquired earlier in the programme.

A minimum of 10 teaching and learning hours (both contact and non-contact) are required for each credit awarded. The precise weighting of different types of learning depends on the modules you take, and the breakdown is therefore provided within the appropriate module specifications.

Non-contact hours are for self-directed study and account for the **minimum** amount of time you should spend studying independently, including subject research, reading, working in groups and completing assignments and other homework.

**Overall teaching and learning hours: approx 1800 hours**

**Contact hours: approx. 348hours**

## **WHAT TYPES OF ASSESSMENT AND FEEDBACK CAN I EXPECT?**

### Assessment and Assessment Criteria

Coursework and examinations

Assessment is conducted through a number of diverse, but complimentary, methods, including examinations, invigilated coursework (tests under exam conditions), non-invigilated coursework and assessed group work (case studies and business plans).

Assessment criteria relate to validity, reliability and fairness, assessing appropriate aspects of knowledge and skill, supporting the aims of learning and teaching, opportunities for feedback wherever appropriate and open to external scrutiny (for example by external examiners) as appropriate. Assessment is carried out according to context and purpose. Where different methods of assessment are in use, it is recognized that you may exhibit different aptitudes in different forms of assessment. Also assessment methods encourage and give credit for clear explanations and a high standard of English.

*Assessment Criteria* are descriptions, based on the intended learning outcomes, of the skills, knowledge or attitudes that you need to demonstrate in order to complete an assessment successfully, providing a mechanism by which the quality of an assessment can be measured. *Grade- Related Criteria* are descriptions of the level of skills, knowledge or attributes that you need to demonstrate in order achieve a certain grade or mark in an assessment, providing a mechanism by which the quality of an assessment can be measured and placed within the overall set of marks. Assessment Criteria and Grade-Related Criteria will be made available to you to support you in completing assessments. These may be provided in programme handbooks, module specifications, on the virtual learning environment or attached to a specific assessment task.

### Feedback on assessment

Feedback will be provided in line with our Assessment and Feedback Policy and will be provided in a variety of ways throughout your course, both formally and informally, in order to support your learning.

You will normally be provided with coursework feedback within three weeks of the submission deadline or assessment date. This would normally include a provisional grade or mark. The timescale for feedback on final projects or dissertations may be longer. Examination grades will be provided once they have been agreed by an Assessment Board.

More details about the feedback you can expect from individual modules and assessments will be provided by your lecturers.

The full policy can be found at:

[https://www.city.ac.uk/\\_data/assets/pdf\\_file/0009/452565/Assessment-and-Feedback-Policy...pdf](https://www.city.ac.uk/_data/assets/pdf_file/0009/452565/Assessment-and-Feedback-Policy...pdf)

### Assessment Regulations

In order to pass your Programme, you should complete successfully or be exempted from the relevant modules and assessments and will therefore acquire the required number of credits. The programme is weighted according to the number of credits awarded for each module. Pass / Fail modules are excluded from this calculation.

The pass mark for each module is 50% and there are no minimum qualifying marks for individual components.

If you fail an assessment component or a module, the following will apply:

#### **1. Re-Sit:**

You will normally be offered one re-sit attempt.

If you are successful in the re-sit, you will be awarded the credit for that module. The mark for each assessment component that is subject to a re-sit will be capped at the pass mark for the module. This capped mark will be used in the calculation of the final module mark together with the original marks for the component(s) that you passed at first attempt.

#### **2. Compensation:**

Compensation can only be awarded by the Final Assessment Board and must be applied within the following limits and conditions:

Where you fail up to a total of 20 credits (15 for a postgraduate certificate), you may be eligible for compensation if:

- Compensation is permitted for the module involved (see the “What will I Study” section of the programme specification), and
- It can be demonstrated that you have satisfied all the Learning Outcomes of the modules in the Programme, and
- A minimum overall mark of no more than 10% below the module pass mark has been achieved in the module to be compensated, and
- An aggregate mark of 50% has been achieved overall.

If you receive a compensated pass in a module, you will be awarded the credit for that module. The original component marks will be retained in the record of marks and your original mark shall be used for the purpose of your award calculation.

If, at the point where you have results for all taught modules:

- You have no more than 20 credits outstanding (15 for a PG Certificate), and
- The grade for this module(s) is 40% or above, and
- Your overall degree average is at least 50%, and
- If the module(s) is eligible for compensation.

Then you will **not** be required to undertake the re-sit for that module, as this will be eligible for compensation.

**Please note:**

- **If you fail more than 20 credits (excluding project modules), then you must retake all outstanding assessments with no exceptions.**

If you do not meet the pass requirements for a module and do not complete your re-sit by the date specified you will not progress and the Assessment Board will require that you be withdrawn from the programme.

If you fail to meet the requirements for the Programme, the Assessment Board will consider whether you are eligible for an Exit Award as per the table below.

If you would like to know more about the way in which assessment works at City, please see the full version of the Assessment Regulations at:

[https://www.city.ac.uk/\\_data/assets/pdf\\_file/0007/453652/s19.pdf](https://www.city.ac.uk/_data/assets/pdf_file/0007/453652/s19.pdf)

## WHAT AWARD CAN I GET?

### Master's Degree:

Part	HE Level	Credits	Weighting (%)	Class	% required
Taught	7	180	100	With Distinction	70
				With Merit	65
				Without	50
				Classification	

### Postgraduate Diploma:

You must achieve 120 credits with a minimum mark of 50%.

Part	HE Level	Credits	Weighting (%)	Class	% required
Taught	7	120	100	With Distinction	70
				With Merit	65
				Without	50
				Classification	

### Postgraduate Certificate:

You must achieve 60 credits with a minimum mark of 50%.

Part	HE Level	Credits	Weighting (%)	Class	% required
Taught	7	60	100	With Distinction	70
				With Merit	65
				Without	50
				Classification	

## WHAT WILL I STUDY?

Throughout your study you will have the opportunity to work both individually and in groups, on a wide variety of subject matter. You will also have the opportunity to attend events and showcases to enable you to engage with external stakeholders and begin to build professional networks. In addition to this you will be provided with guidance about routes through the programme and encouraged to discuss your plans with your tutors and careers advisors to choose the options most appropriate to you.

At the beginning of the course, you will complete a number of induction workshops including:

- Team building
- Career induction and careers fair
- Professional development skills
- Descriptive statistics and introduction to probability
- Introduction to programming languages

**Term one:**

You will complete five core modules covering core material such as Digital Supply Chain, Accounting and Finance, Analytics for Supply Chain Management and Business Process Management. Term one is worth 70 credits in total.

**Term two:**

You will also complete five core modules in term two covering areas such as Purchasing and Supply Management as well as Supply Chain Finance and Risk Management, and Machine Learning for Logistics. Term two is worth 70 credits in total.

**Term three:**

In term three you will choose either: four elective modules or one elective module plus a Business Research Project. Term three is worth 40 credits in total.

Throughout your studies you will also undertake several professional and career development workshops.

*You will also have the opportunity to enter the Business Plan Competition which is optional and carries no credits.*

Module Title	SITS Code	Module Credits	Core/ Elective	Can be Compensated?	Level
<b>Term one</b>					
Essentials of Accounting and Finance	SMM444	10	C	Y	7
Digital Supply Chain	SMM081	15	C	Y	7
Analytics for Supply Chain Management	SMM346	15	C	Y	7
Business Process Management	SMM495	15	C	Y	7
Supply Chain Fundamentals	SMM697	15	C	Y	7
<b>Term two</b>					
Professional Development Skills	SMM086	15	C	Y	7
Sustainability in Digital Supply Chains	SMM085	10	C	Y	7
Purchasing and Supply Management	SMM498	15	C	Y	7
Supply Chain Finance and Risk Management	SMM499	15	C	Y	7
Machine Learning for Logistics	SMM347	15	C	Y	7
<b>Term three</b>					
Business Research Project	SMM885	30	E	N	7
Family Business	SMM400	10	E	Y	7
Driving Supply Chain Innovation through Technology	SMM287	10	E	Y	7
Managing Supply Chain Risk	SMM341	10	E	Y	7



Country and Geopolitical Risk Management	SMM343	10	E	Y	7
Retail Supply Chain Management	SMM956	10	E	Y	7
Strategic Innovation in Hyper Competition	SMM278	10	E	Y	7
Project Leadership	SMM288	10	E	Y	7
Project Management	SMM538	10	E	Y	7

During term three you will be able to choose from a range of electives to personalise your experience.

This list of electives is an indication of the range of modules that can be on offer and is subject to change due to circumstances such as: enhancing or updating the quality and content of educational provision; responding to student feedback; academic staffing changes; the number of students in each programme; a lack of student demand for certain modules; or factors beyond the institution's reasonable control, such as meeting the latest requirements of a commissioning or accrediting body. For these reasons, not all the electives listed will be offered every year. New (additional or replacement) modules may also be added for these reasons.

There may also be pre-requisites for joining a module, and space and timetable availability restrictions may also apply.

The list of electives offered in a given year will be confirmed by February 1<sup>st</sup>.

### **TO WHAT KIND OF CAREER MIGHT I GO ON?**

Information advice and guidance on professional development and potential career pathways for all Bayes Masters degrees is available from Bayes Careers:  
<https://www.bayes.city.ac.uk/about/careers-services>

All students are encouraged to make use of the careers service throughout their time at Bayes.

Some examples of potential career pathways are:

- 1) *An internal consultant in manufacturing/retail industry*
- 2) *A supply chain analyst in manufacturing/retail industry*
- 3) *A procurement manager in manufacturing/retail industry*
- 4) *An analyst in a consulting company*
- 5) *A supply chain finance specialist in a bank*

### **WHAT STUDY ABROAD OPTIONS ARE AVAILABLE?**

A number of international electives are on offer across the MSc Programme and in the past have included modules run in Dubai, Madrid and Singapore. Further information will be made available as part of the elective decision process.

#### **WILL I GET ANY PROFESSIONAL RECOGNITION?**

##### **The Chartered Institute of Logistics and Transport**

The MSc in Digital Supply Chain Management has been accredited by CILT (UK) and offers full exemption from the educational requirements for Chartered Membership. – *To be confirmed – we are in the process of seeking accreditation for the revised programme.*

##### **The Chartered Institute of Purchasing and Supply (CIPS)**

The MSc in Digital Supply Chain Management has been accredited by CIPS. Students with work experience will be eligible to apply for MCIPS credentials upon completing their MSc degree depending on the electives and the dissertation option.

#### **HOW DO I ENTER THE PROGRAMME?**

To be accepted on to a Bayes MSc degree you will need a good Bachelors degree. This usually means a UK 2.1 or above, or the equivalent from an overseas institution. Some level of previous study in the specific subject area may be required.

In exceptional circumstances, an equivalent professional qualification (eg ACCA, MICS, MILT) may be considered. Other candidates may be considered on the basis of additional evidence of achievement and ability to study at postgraduate level.

Applicants will need to submit two references, one of which must be an academic reference if the candidate does not have previous work experience. Previous work experience is not a requirement of our full time MSc courses and is desirable but not necessary.

We require all students who have not previously studied at in English to take an IELTS exam. The IELTS requirement is 7.0 with a minimum of 6.5 in writing.

No exemptions are offered for previous credits attained elsewhere except where specific agreements have been made with respect to international academic partnerships – see page one of this programme specification.

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