

# THE UNIVERSITY OF MANCHESTER

## Postgraduate Programme Specification

### 1. GENERAL INFORMATION

<b>Award</b>	<b>Programme Title</b>	<b>Duration</b>	<b>Credits</b>	<b>Mode of study</b>
MSc	Operations Project and Supply Chain Management	Semesters 1, 2 & 3	180	Full time
PgD	Operations Project and Supply Chain Management	Exit award only	120	Full time
PgC	Operations Project and Supply Chain Management	Exit award only	60	Full time

<b>School</b>	Manchester Business School
<b>Faculty</b>	Humanities
<b>Awarding Institution</b>	The University of Manchester
<b>Programme Accreditation</b>	Chartered Institute of Purchasing and Supply (CIPS)
<b>Relevant QAA benchmark(s)</b>	None applicable at Masters level. Programme reflects Masters level within the Framework for Higher Education Qualification

### 2. AIMS OF THE PROGRAMME

The programme aims to:

<b>01.</b>	To equip students with the intellectual apparatus and practical skills necessary for the professional operations manager working in private or public sector organisations
<b>02.</b>	To provide the student with a strong foundation for any subsequent doctoral work within the area of operations management (MSc only)

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**3. INTENDED LEARNING OUTCOMES OF THE PROGRAMME(S) (must include separate outcomes for PG Certificate and PG Diploma awards)**

**A. Knowledge & Understanding**

Students should be able to:

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|------------|--|
| <b>A1.</b> | The theoretical basis of Operations, Project and Supply Chain Management within different types of organisation  |
| <b>A2.</b> | The different research methods that can be employed within an Operations, Project and Supply Chain context, including both quantitative and qualitative approaches |
| <b>A3.</b> | The practical application of Operations, Project and Supply Chain concepts to real-world companies.  |



**Learning & Teaching Processes** (to allow students to achieve intended learning outcomes)

- |  |
|--|
| Interactive lecture sessions, which mix Powerpoint and whiteboard presentation with a variety of student exercises, including individual analysis and student presentation, paired discussion, small group (3-4) discussions and whole class sessions (A1, A2, A3) |
| Peer learning in small groups, this includes in-class exercises, group projects (A1, A2, A3)   |
| Written feedback on essays and reports (A1, A2, A3)  |
| Teaching case studies (A1, A2)   |
| Company visits (A3)  |
| Structured reading (A1, A2, A3)  |
| In-class videos (A1, A2)   |
| Working with academic supervisor for the dissertation (A1, A2, A3)   |
| Individual learning through coursework essays and projects and dissertation (A1, A2, A3)   |



**Assessment** (of intended learning outcomes)

- |   |
|---|
| Unseen examinations (A1, A2, A3)                          |
| Group presentations and reports (A1, A2, A3)              |
| Individual reports, essays and presentations (A1, A2, A3) |
| Dissertation (A1, A2, A3)                                 |
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<b>B. Intellectual Skills</b>	
Students should be able to:	
<b>B1.</b>	Apply the analytical skills appropriate in understanding and improving the management of organisations.
<b>B2.</b>	Identify appropriate concepts, frameworks, models, and techniques to undertake comprehensive analysis of business problems related to operations, project and supply chain management within an applied context
<b>B3.</b>	Undertake the study and research of operational issues in a logical, precise and rigorous manner (MSc only)
<b>B4.</b>	Critically evaluate published research within Operations, Project and Supply Chain Management fields.



<b>Learning &amp; Teaching Processes</b>
Interactive lecture sessions, which mix Powerpoint and whiteboard presentation with a variety of student exercises, including individual analysis and student presentation, paired discussion, small group (3-4) discussions and whole class sessions (B1, B2, B3, B4)
Peer learning in small groups including for coursework projects and case studies (B1,B3)
Written feedback on essays and reports (B1, B2, B3, B4)
Teaching case studies (B1, B2)
In-class videos (B1, B3)
Structured reading (B1, B2, B3, B4)
Working with academic supervisor for dissertation (B1, B2, B3, B4)
Individual learning through in coursework project work and dissertation (B1, B2, B3, B4)



<b>Assessment</b>
Unseen examinations (B1, B2, B3, B4)
Group presentations and reports (B1, B2, B3)
Individual reports, essays and presentations (B1, B2, B3)
Dissertation (B1, B2, B3, B4)

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<b>C. Practical Skills</b>	
<b>Students should be able to:</b>	
<b>C1.</b>	Design and carry out a series of small-scale research projects involving, and critically reflecting upon the use of a variety of research methods
<b>C2.</b>	Design, plan and implement and reflect upon a substantial dissertation project (approximately 5 months duration)



<b>Learning &amp; Teaching Processes</b>
Interactive lecture sessions, which mix Powerpoint, Excel, white board presentations and practical workshops, with a variety of student exercises, including individual analysis, small group discussion work and whole class sessions (C1)
Peer learning in groups for coursework projects and case studies (C1)
Structured reading (C1, C2)
Working with academic supervisor for the dissertation (C2)
Individual learning in coursework project work and for the dissertation (C1, C2)



<b>Assessment</b>
Individual oral presentations (C1)
Group presentations (C1)
Group reports (C1)
Dissertation (C2)

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<b>D. Transferable Skills and Personal Qualities</b>	
<b>Students will/should</b> <i>(please delete as appropriate)</i> <b>be able to:</b>	
<b>D1.</b>	Communicate effectively through written reports and essays
<b>D2.</b>	Make oral presentations to specialist and non-specialist audiences, participating effectively in such contexts
<b>D3.</b>	Demonstrate an ability to identify and respond to the views of others and to work effectively and constructively in a team
<b>D4.</b>	Independently gather, sift, synthesize and organize material from a variety of sources (e.g. library and internet) and critically evaluate the extent to which it might be applied and contribute to current developments in the field.
<b>D5.</b>	Employ ITC including standard integrated office applications software (e.g. word processor, spreadsheet, presentation) and specialist add-ons or packages (e.g. Solver) to analyse and communicate the results of analysis.
<b>D6.</b>	Autonomously manage time and prioritise activities
<b>D7.</b>	Contribute to their personal professional development through planning, monitoring, peer learning, critical reflection and evaluation.

<b>Learning &amp; Teaching Processes</b>
Interactive lecture sessions, which mix Powerpoint, Excel, white board presentations and practical workshops, with a variety of student exercises, including individual analysis, small group discussion work and whole class sessions (D2, D4)
Peer learning in groups for coursework projects and case studies (D2, D3)
Written feedback on reports and essays (D1)
Structured reading (D4, D6)
Working with academic supervisor for the dissertation (D1)
Individual learning in coursework and dissertation project work (D4, D5, D6, D7)
Completion of individual PDP (D7)
Teaching case studies (D3)



<b>Assessment</b>
Unseen examinations (D1, D4, D6)
Group project presentations (D2, D3, D5, D6, D7)
Individual reports, essays and presentations (D1, D4, D5, D6)
Dissertation (D1, D2, D4, D5, D6, D7)

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**4. THE STRUCTURE OF THE PROGRAMME(S)**

<b>Programme structure and credits</b>	<b>Credits</b>
<p>Full Year - students will take:  One compulsory full year course over semester one and two</p> <p>Semester 1 - students will take:  Three compulsory courses</p> <p>Semester 2 - students will take:  Four elective courses</p> <p>Semester 3 - students will undertake and complete work on their dissertation project</p>	
Further details are shown below	
<b>Full year (compulsory core) Professional Skills: Research and Evaluation Methods (Required for CIPS)</b>	<b>15</b>
<b>Semester 1 (compulsory core)</b> Global Operations Management: Theories and Concepts <i>(Required for CIPS accreditation)</i>	<b>15</b>
<b>Semester 1 (compulsory core)</b> Strategic Supply Chain Management <i>(Required for CIPS accreditation)</i>	<b>15</b>
<b>Semester 1 (compulsory core)</b> Strategic Project Organising <i>(Required for CIPS accreditation)</i>	<b>15</b>

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<p><b>Semester 2 electives (subject to availability and timetabling).</b></p> <p><b>Students must choose FOUR electives from:</b></p> <p><i>Supply Chain Logistics Management</i>  <i>Business to Business Marketing</i>  <i>Megaproject Leadership and Strategy</i>  <i>Operational Excellence: The Toyota Production System</i>  <i>Simulation &amp; Risk Analysis</i></p> <p>No more than one elective from another MSc provided by Manchester Business School. This is by arrangement, and subject to timetabling and student's background and the approval of the Programme Director.</p>	<p><b>15 each</b></p>
<p><b>Semester 3</b> Dissertation (in-company project, research using an existing data set, or extended essay)</p> <p><i>For CIPS accreditation students required to do dissertation in field of procurement or supply chain management</i></p>	<p><b>60</b></p>

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**5. STUDENT INDUCTION, SUPPORT AND DEVELOPMENT** (in order to deliver the intended learning outcomes, including dissertation support and guidance)

In the first week students will be given an intensive induction during which they will be:

- welcomed by the Programme Director, administrators and other relevant staff
- introduced to the University, the Faculty and AMBS, provided with information about the campus.
- introduced to the library and careers service and given tours of these services and the campus.
- allocated access and introduced to ITC facilities including Blackboard and given an email account
- given the opportunity to review and revise basic key skills
- given the opportunity to explore and consider the available specialist electives and electives of the programme and potential dissertation projects.
- allocated an academic advisor
- given full course outlines any relevant pre-reading and advice on the purchase of core texts
- informed about policies and procedures, points of contact, key dates, location of mail boxes, notice boards and students facilities and services
- introduced to all the appropriate AMBS academic and administrative staff

Frequently students will work in groups and will acquire support from peers and the group leader.

In lectures, workshops and whilst undertaking coursework projects the course coordinator, lecturer or workshop leader will support student learning.

Details of and any changes to the programme and course outlines, readings, cases and other course unit material will be available through Blackboard. Some course units will also use Blackboard forums for group work.

Students will be expected to develop a project and dissertation plan with a brief description stating aims, objectives, intended outcomes and a timeline and present this in the form of a conference presentation to peers and all staff on the programme. Information on the requirements of the project proposal and the dissertation will be provided in hardcopy and via Blackboard

Students will be encouraged to work closely with their dissertation supervisor who will provide appropriate academic and pastoral support and guidance during the dissertation research period.

The Programme Director will also be available to provide additional support if required.

Administrative support will be provided through the AMBS PGT office.

Other forms of support (e.g. career, medical, special needs) will be provided through the University of Manchester.



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To add further columns, sit in A5, B5, C5, or D5. Select **Insert** from the **Table** menu, select **Columns to the Right**. To add more rows, before you've filled in the final row of the year, sit in the final row, select **Insert** from the **Table** menu, select **Rows above**. To delete a column, sit in the column you want to delete, select **Delete** from the **Tables** menu and select **Columns**. To delete a row sit in the row you want to delete, select **Delete** from the **Tables** menu and select **Rows**.

## 6. CURRICULUM MAP OF COURSE UNITS AGAINST INTENDED LEARNING OUTCOMES

Course Unit Title and Code (including dissertations and other programme components)			Knowledge & Understanding			Intellectual Skills				Practical Skills		Transferable Skills & Personal Qualities						
Code	Course Unit title	C/O	A1	A2	A3	B1	B2	B3	B4	C1	C2	D1	D2	D3	D4	D5	D6	D7
BMAN 70081	Global Operations Management: Theories and Concepts	C	A D	A D	A D	A D	A D	A D	A D			A D			A D	A D	A D	
BMAN 70122	Professional Skills: Research and Evaluation Methods	C	A D	A D	A D	A D	A D	A D	A D	A D		A D	A D		A D	A D	A D	
BMAN 70111	Strategic Supply Chain Management	C	A D	A D	A D	A D	A D	A D	A D	A D		A D			A D	A D	A D	
BMAN 70391	Strategic Project Organising	C	A D	A D	A D	A D	A D	A D	A D	A D		A D			A D	A D	A D	
BMAN73942	Simulation & Risk Analysis	O	A D	A D	A D	A D	A D	A D	A D	A D		A D			A D	A D	A D	
BMAN73671	Supply Chain Logistics Management	O	A D	A D	A D	A D	A D	A D	A D			A D			A D		A D	
BMAN 70152	Business to Business Marketing	O	A D	A D	A D	A D	A D	A D	A D			A D			A D	A D	A D	
BMAN 73472	Operational Excellence: The Toyota Production System	O	A D	A D	A D	A D	A D	A D	A D			A D			A D	A D	A D	
BMAN 72262	Megaproject Leadership and Strategy	O	A D	A D	A D	A D	A D	A D	A D	A D								
BMAN 61082	Dissertation	C	A D	A D	A D	A D	A D	A D	A D		A D	A D		A D	A D	A D	A D	D

## 6. CURRICULUM MAP OF COURSES AGAINST INTENDED LEARNING OUTCOMES FOR THE PROGRAMME continued

### Legend for cells

**D** = intended learning outcomes of the programme are taught or developed by students within this course  
**A** = intended learning outcomes of the programme are assessed within this course

**C** = compulsory course  
**O** = optional course

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## **7. CRITERIA FOR ADMISSION**

Candidates must be able to satisfy the general admissions criteria of the University and of the School in at least one of the following ways:

Masters Level:

Good 2(1) Honours degree or equivalent

GMAT might be requested for non-UK students

TOEFL score 7 or IELTS score 263

Two academic references

Personal Statement of interest and motivation

Completed application form

Diploma Level:

A very small number of students who have a weaker academic background (or whose academic background is difficult to assess) but nonetheless appear from the application form and Personal Statement to have strong interest and motivation and/or strong work experience might be admitted to the Diploma with the expectation but not the guarantee that they will be upgraded to Masters level at the exam board for the taught element.

## **8. PROGRESSION AND ASSESSMENT REGULATIONS**

The ordinances and regulations for the degrees of Masters, Postgraduate Diploma and Postgraduate Certificate will apply to this programme. Details of the ordinances and regulations can be found at:

<http://www.maths.manchester.ac.uk/postgraduate/pgstudies/info/docs/regs-masters-current.pdf>

At MSc level, students are expected to achieve 50% or more on all taught courses and the dissertation. Only one resubmission or retake is permitted for each course assessment. The maximum mark to be awarded for resubmitted coursework or retaken examination will normally be 50% for the Masters degree and 40% for the Postgraduate Diploma.

In addition, students will be expected to achieve at least 40% on each major assessment (major assessments include any examination or coursework assignments that contribute to at least 25% of the course assessment). Students who fail to achieve at least 40% in a major assessment will be required to resubmit or retake the assessment.

<b>Date of original production:</b>	01/05/08
<b>Date of current version:</b>	14/01/2020