

# THE UNIVERSITY OF MANCHESTER

## Postgraduate Programme Specification

### 1. GENERAL INFORMATION

Award	Programme Title	Duration	Mode of study
MSc	Innovation Management and Entrepreneurship	12 / 24 months	Full time and part time
PgD	Innovation Management and Entrepreneurship <i>Exit award only</i>	9 /18 months	Full time and part time
PgC	Innovation Management and Entrepreneurship <i>Exit award only</i>	6 / 12 months	Full time and part time

<b>School</b>	Alliance Manchester Business School
<b>Faculty</b>	Humanities
<b>Awarding Institution</b>	University of Manchester
<b>Programme Accreditation</b>	n/a
<b>Relevant QAA benchmark(s)</b>	General Business and Management

### 2. AIMS OF THE PROGRAMME(S)

For all students	
<b>01.</b>	Provide an advanced introduction to the key issues surrounding innovation management and entrepreneurship from the perspective of firms, governments and the global economy
<b>02.</b>	Offer an interdisciplinary perspective, allowing students to understand the organisational and policy challenges of innovation and entrepreneurship.
<b>03.</b>	Deliver research-led teaching in an internationally renowned research centre
<b>04.</b>	Produce well trained analysts of innovation able to engage in intellectual debate on management and policy issues associated with innovation management and entrepreneurship.
<b>05.</b>	Convey knowledge of the techniques widely used in the management of innovation and entrepreneurship and develop practical skills in their application
<b>06.</b>	Provide graduates with the tools for research in innovation management and entrepreneurship

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### 3. INTENDED LEARNING OUTCOMES OF THE PROGRAMME

A. Knowledge & Understanding	
All students should be able to demonstrate:	
<b>A1.</b>	Knowledge and understanding of sociological and management approaches to studies of innovation and entrepreneurship and their application within a broad range of sectors
<b>A2.</b>	Knowledge of the main methods, tools and techniques, their use, limitations and practical application in the management of innovation, forecasting future trends and formulating and evaluating firm strategy and government policy.
<b>A3.</b>	A comprehensive understanding of the impact of technological change on the evolution of business strategy to gain competitive advantage and shape markets, and how market rivalry influences innovation.
<b>A4:</b>	Critical and in-depth understanding of the concepts surrounding sustainability at the firm level, national level and global level.
<b>A5:</b>	Strong contextual grounding in theories relevant to entrepreneurial expertise and behaviour creating growth in new and established businesses at all scales of operation.
<b>A6:</b>	An understanding of methodologies, frameworks and techniques used to evaluate technologies that increase firm competitiveness in manufacturing and service industry firms and/or those that reduce the environmental impact of a firm's products and production processes.
<b>A7.</b>	A critical awareness of research issues, methodologies and methods issues related to enquiry in the social sciences combined with a knowledge of corresponding skills in planning and managing a research project equipping students to carry out a piece of independent research.

Learning & Teaching Processes (to allow students to achieve intended learning outcomes)
Lectures, seminars, case studies and interactive workshops (A1 – A6)
Independent group work (e.g. group presentations, group projects or enquiry/problem based group work) (A1– A6)
Independent and self directed study (A1 – A7)
Personal research projects (A7)

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Assessment (of intended learning outcomes)
Assessed individual coursework: exams, essays, reports, and blogs (A1 – A6)
Assessed group work: reports, posters and presentations (A1 – A6)
Assessed individual presentations and group/class contribution/participation (A1 – A6)
Dissertation (A7)

B. Intellectual Skills	
All students should be able to:	
<b>B1.</b>	Critically analyse strategies and policies of organisations engaged in the management of innovation and entrepreneurship, within a national and international context.
<b>B2.</b>	Evaluate critically and analyse the causes and consequences of innovation and technological change.
<b>B3.</b>	Apply key conceptual frameworks from the sociological management approaches to innovation studies and their application within different sectors.
<b>B4.</b>	Apply knowledge at both the organisational level and the policy level.
<b>B5.</b>	Demonstrate a strategic orientation to problem solving within the innovation process.

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**B6.** Demonstrate autonomy in planning and implementation of tasks through inquiry; logical and critical thinking; formulating and testing hypotheses; and interpretation and evaluation of theoretical arguments and empirical evidence.

Learning & Teaching Processes	Assessment
Lectures, seminars and interactive workshops (B1 – B5)	Assessed individual coursework: exams, essays, reports, and blogs (B1 – B5)
Independent individual study: directed reading and preparation for presentations (B1 – B6)	Assessed group work: reports, posters and presentations (B1 – B5)
Independent group study: group project work (B1 – B5)	Assessed individual presentations and group/class contribution/participation (B1 – B5)
Individual or group case study work (B1 – B6)	Dissertation (B6)

C. Practical Skills
All students should be able to:
<b>C1.</b> Access, use and correctly cite, acknowledge and reference diverse information sources.
<b>C2.</b> Use digital technology in acquiring, analysing and communicating information effectively
<b>C3.</b> Develop a theoretical and practical grounding in social science research methods as applied to innovation studies.
<b>C4.</b> Manage project work effectively.
<b>C5.</b> Apply a range of analytical techniques for innovation analysis and evaluation
<b>C6.</b> Organise, conduct and present a piece of independent, original and stimulating research on innovation management and entrepreneurship within local and global contexts demonstrating self-direction and independent learning.

Learning & Teaching Processes	Assessment
Research methods and skills, and Tools and methods for innovation analysis lectures (C1, C3, C5, C6)	Assessed coursework: essays, reports, blogs, posters (C1 – C5)
Supervised production of a research-based dissertation (C1- C6)	Dissertation (C1 – C6)
Induction course and Research methods and skills course (C1)	Presentation of a research dissertation proposal (C3, C6)

D. Transferable Skills and Personal Qualities
All students should be able to:
<b>D1.</b> Manage time and work to deadlines.
<b>D2.</b> Exercise initiative and work independently.
<b>D3.</b> Make competent and succinct oral presentations of complex concepts, problems or issues.
<b>D4.</b> Develop self-awareness and the ability to work effectively in a team.
<b>D5.</b> Develop skills in some of the major computer software applications for data analysis
<b>D6.</b> Present information, together with analysis, argument and commentary, in a form

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appropriate to the intended audience.



### Learning & Teaching Processes

Lectures, seminars and interactive workshops (D1 – D6)

Independent group study: group project work and presentation preparation (D1 – D6)

Independent individual study: project or case study work, presentation preparation and dissertation (D1 – D3, D5 – D6)

Software skills training (D5)



### Assessment

Assessed individual coursework: essays, reports and blogs (D1 - D6)

Assessed group work: posters, reports (D1 – D6)

Assessed presentations (D1 – D6)

Dissertation (D1 – D3, D5 – D6)

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

<b>MSc Innovation Management and Entrepreneurship</b>			<b>Exit award</b>
<b>SEMESTER ONE</b>			
Induction Course			
<b>Core</b>	BMAN 61001 Entrepreneurship, Technology and Society BMAN 71721 High Tech Entrepreneurship BMAN 71471 Innovation Management BMAN 71751 Tools and Methods for Innovation Analysis	<b>60</b>	60 credits: Postgraduate Certificate
<b>SEMESTER TWO</b>			
<b>Core</b>	BMAN 72352 Research Methods and Skills	<b>15</b>	120 credits: Postgraduate Diploma
<b>Optional</b>	<b>Students must choose three of the following options</b>  BMAN 62042 Case Studies in Technology Strategy and Innovation Management BMAN 73952 Global Challenges, Emerging Technologies, and Governance BMAN 71662 Innovation and Strategy BMAN 70372 Innovation for Sustainability BMAN 62062 Place and innovation, from Silicon Valley to Graphene City MCEL 60032 Business Creation and Development MCEL 60143 Developing Enterprising Individuals  <i>By agreement, one optional unit may be taken from other Masters programmes</i>	<b>45</b>	
<b>SEMESTER THREE</b>			
<b>Dissertation</b>		<b>60</b>	

<b>Part Time Students</b>
<p>A typical pattern would be for students to undertake 60 credits of study (two core units and two related optional units) in their first year of study. Progress would be made toward the dissertation in the summer months of Year One. In their second year, typically take the remaining three core units and a further optional unit and finally undertaking the dissertation during the summer months of their second year.</p> <p>Part time candidates will receive particular support from the Programme Director in order to negotiate a study pattern appropriate for their circumstances and to facilitate their progress through the degree. Part-time students are encouraged to base their dissertation on current work tasks if in employment.</p>

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### 5. STUDENT INDUCTION, SUPPORT AND DEVELOPMENT

#### Induction

All students attend an initial, week-long, induction when they are welcomed, registered, provided with information and advice about a wide range of matters (library and IT facilities, channels of communication, learning resources, student support services, student representation in the committee structure, etc.), and receive introductory lectures on generic issues relating to their postgraduate studies.

#### Programme handbooks

All students access the Online Programme Handbook on arrival. This includes comprehensive information on all aspects of the programme, and has specific advice on the dissertation process and the support available. The handbook also contains practical information about Alliance Manchester Business School and the Faculty of Humanities.

#### Support

There is a Programme Director, a Programme Administrator and an Academic Advisor. The Academic Advisor reviews student progress and students are encouraged to contact the Academic Advisor or PG Administrator should they need academic guidance or to discuss issues of a personal nature. Students are encouraged to make full use of the University support services, including the accommodation services, the Postgraduate Careers Service, the Student Support and Guidance Team, the Student Services Centre—full details are in the programme handbook.

#### IT support

Postgraduate students have access to several dedicated clusters of PCs in AMBS, as well as several other clusters across the University. The Library offers dedicated Student IT support also for personally owned devices

#### Student representation and communication

Student representatives and staff teaching on the programme are invited to attend meetings of the Divisional Programme Committee. These meetings review, amongst other things, teaching issues. They are also invited to attend the Student/Staff Liaison Committee (SSLC) which discusses the wider student experience and not just issues related to specific programmes. The PGT Student Representative Coordinator offers training and support for students in this role.

#### Overseas students

We encourage overseas students to attend English Language courses provided by the University Language Centre. Manchester has an International Society providing peer support for overseas students and international students on this programme are eligible to join for free. The Student Service Centre can also provide advice specific to international students.

#### Dissertation support and supervision

Toward the end of the first semester students will be developing a topic for the dissertation. The choice of topic is left to the individual student, subject to approval by the Programme Director. An informal session in which students can meet potential supervisors to learn about their areas of expertise is arranged. Students will develop the topic into a formal proposal during their Research Methods and Skills course unit and conduct the research in the third semester with support from their supervisor.

#### Research culture at Alliance Manchester Business School

Teaching on the programme is supported by the Manchester Institute of Innovation Research seminar series, which students are encouraged to attend, given by leading external and internal speakers. These seminars attract a wide range of visiting speakers and take place on a Monday afternoon during term time. They are an outstanding opportunity to encounter a broad spectrum of opinions and approaches to research in the area of innovation studies. The programme is also linked to other seminar series in Alliance MBS and the wider University, for example the events of the Masood Entrepreneurship Centre, details of which will be circulated to students.

Research students in the STIP PhD programme have monthly seminars where they hear from leading scholars and discuss research. MSc students interested in a PhD path are most welcome to attend, and this is a good way to learn about PhD research.

#### Software Skills

Course units often require familiarity with widely used software packages tailored to particular fields of

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enquiry. Examples include statistics packages used in research methods; or packages used to analyse patents. Support is provided to help students develop appropriate software skills in a classroom setting.





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**6. CURRICULUM MAP OF COURSE UNITS AGAINST INTENDED LEARNING OUTCOMES OF THE PROGRAMME**

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	A 1	A 2	A 3	A 4	A 5	A 6	A 7	B 1	B 2	B 3	B 4	B 5	B 6	C 1	C 2	C 3	C 4	C 5	C 6	D 1	D 2	D 3	D 4	D 5	D 6
	Induction	C	D A						D A																		
BMAN 61001	Entrepreneurship, Technology and Society	C	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 A	D A	D A		D A
BMAN 71722	High Tech Entrepreneurship	C	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 A	D A	D A	D A		D A
BMAN 71471	Innovation Management	C	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 A	D A	D A		D A
BMAN 71751	Tools and Methods for Innovation Analysis	C	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 A	D A	D A	D A	D A	D A	D A	D A	D A
BMAN 72352	Research Methods and Skills	C							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 A	D A	D A
BMAN 62042	Case Studies in Technology Strategy and Innovation Management	O	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 A	D A	D A	D A		D A
BMAN 73952	Global Challenges, Emerging Technologies, and Governance	O	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 A	D A	D A	D A		D A
BMAN 71662	Innovation and Strategy	O	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 A	D A	D A	D A		D A
BMAN 70372	Innovation for Sustainability	O	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 A	D A	D A		D A
BMAN 62062	Place and innovation, from Silicon Valley to Graphene City	O	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 A			D A	D A	D A	D A		D A
MCEL 60032	Business Creation and Development	O	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 A	D A	D A		D A
MCEL 60143	Developing Enterprising Individuals	O	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 A	D A		D A	D A	D A	D A	D A		D A
	Dissertation (depending on topic)	C	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 A	D A	D A	D A				

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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 the following ways:

Candidates will normally possess an Upper Second Class honours degree from a UK university, or the overseas equivalent. Applications are invited from a wide range of disciplines and backgrounds. Applicants should provide a statement of purpose; degree transcript or certificate (including a list of courses taken in the final year); and two academic references. When assessing your academic record we take into account your grade average, position in class, references and the standing of the institution where you studied your qualification.

Candidates for whom English is not their first language must demonstrate proficiency in English. An IELTS score of 7 overall and no other element below 6.5 is required (or equivalent).

Further details about admission requirements for this programme can be found at <https://www.alliancembs.manchester.ac.uk/study/masters/how-to-apply/>

## **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.regulations.manchester.ac.uk/academic/postgraduate-degree-regulations/>

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