Imperial College London

MSc Innovation, Entrepreneurship & Management

This document provides a definitive record of the main features of the programme and the learning outcomes that a typical student may reasonably be expected to achieve and demonstrate if s/he takes full advantage of the learning opportunities provided. This programme specification is intended as a reference point for prospective students, current students, external examiners and academic and support staff involved in delivering the programme and enabling student development and achievement.

Programme Information

Programme Title	Innovation, Entrepreneurship & Management
Award(s)	MSc
Programme Code	N201T
Awarding Institution	Imperial College London
Teaching Institution	Imperial College London
Faculty	Imperial College Business School
Department	Imperial College Business School
Mode and Period of Study	1 calendar year full-time (12 months)
Cohort Entry Points	Annually in September
Relevant QAA Benchmark Statement(s) and/or other external reference points	Master's Degrees in Business and Management

Total Credits	ECTS:	90	CATS:	180

FHEQ Level	Level 7
EHEA Level	2nd cycle
External Accreditor(s)	AMBA, EQUIS, AACSB International

Specification Details

Student cohorts covered by specification	2016/17 entry
Person responsible for the specification	Veronica Russell, Teaching & Quality Manager
Date of introduction of programme	October 2011
Date of programme specification/revision	September 2016

Description of Programme Contents

The MSc in Innovation, Entrepreneurship and Management is offered over 12 months full-time. The programme combines academic rigour and practical relevance. There is a careful balance of teaching and learning, individual and group work. Case study methodology and class-based discussions are used to strengthen the conceptual, analytical and problem solving skills of the participants in real situations. In addition there are regular seminars by external expert speakers.

In the current global economic environment there is a pressing need for students to learn about how to manage in dynamic, uncertain, rapidly changing and entrepreneurial environments. The development and introduction of new technologies, systems and services can produce new economic opportunities. Managing successful outcomes to create, deliver and capture value from innovation has become a complex process, requiring broad-based skills and knowledge. This programme will address these issues.

Imperial College has acknowledged global excellence in both Innovation and Entrepreneurship (the MSc Management has been ranked seventh globally for Entrepreneurship and the MBA has also been ranked sixth globally for Entrepreneurship by the Financial Times).

Learning Outcomes

The Imperial Graduate Attributes are a set of core competencies which we expect students to achieve through completion of any Imperial College degree programme. The Graduate Attributes are available at: www.imperial.ac.uk/students/academic-support/graduate-attributes

Educational aims/objectives of the programme

The aim of the Programme is to educate and train individuals for careers leading technology-based organisations and new ventures, enhancing their strategic and operational management skills. More specifically, on completion of the programme, students will be able to:

- Demonstrate relevant knowledge and understanding of the innovative organisation and new venture, the external context in which they operate, and how they are managed;
- Apply analytical techniques to decision making in building and supporting new businesses and ventures;
- Demonstrate critical awareness of current issues in innovation and entrepreneurship informed by leading-edge research and practice in the field;
- Enhance lifelong learning skills and personal development, and be able to work with self-direction;
- Develop skills to launch and support new business ventures and exploit opportunities arising from new ideas to create new sustainable business models and create economic and social value.

Programme Learning Outcomes

Knowledge and Understanding of:
1. The complexity of organisations and the key issues in contemporary human resource management;
2. How companies create, maintain, and reinforce organisational purpose, direction and accomplishment;
3. Key concepts and evidence of effective marketing so that businesses serve customers better;

4. The consumption of new products and services and adoption of diffusion processes;
5. How to choose from a range of possible alternatives, focusing on decision-making within a firm and its market environment;
6. The main economic models and their utilisation;
7. Financial analysis (both accounting and risk assessment) suitable for those wishing to specialise in innovation and entrepreneurship;
8. The main issues in innovation strategy, an awareness of the key features of success, an appreciation of the relevant skills needed to manage innovation at both strategic and operational levels, and evidence of the success of different approaches;
9. The forms of intellectual property (IP) available to innovators and entrepreneurs, examining how to obtain and enforce different forms of IP, such as trade secrets, patents and copyrights, in order to capture the maximum value from IP;
10. How the success of some businesses stem from application of new technologies, but others from new ways in which to package and charge for services that existing technologies can deliver;
11. Changing skills, technologies and methods of design and new product /service development, and how these are opportunities to manage innovation in products, services and solutions.

Intellectual Skills:
Students who complete the programme successfully will be able to:
1. Integrate, analyse and evaluate new and/or abstract data and situations, using a wide range of appropriate techniques and transform such data and concepts into options and solutions;
2. Use conceptual, analytical and quantitative skills for responsible and successful decision making;
3. Apply innovative thinking and ethical leadership to problem solving.

Practical Skills:
Students who complete the programme successfully will be able to:
1. Give professional presentations;
2. Apply analytical techniques to the decision making process in business, both systematically and creatively, and present analysis in a clear and persuasive manner;
3. Produce creative and realistic solutions to complex problems;
4. Use contemporary models and techniques to develop sustainable strategies for organisations;
5. Manage change and innovation in the workplace;
6. Apply knowledge and skills learnt on the programme to situations in the workplace;
7. Retrieve information;
8. Launch, manage or invest in successful new ventures on a global level;
9. Incorporate entrepreneurial thinking into the management of existing organisations;
10. Construct business models and explore new models;
11. Use processes of project selection; assess and manage project teams; stage-gate processes and evaluate projects;
12. Assess and communicate the value of new ideas.

Transferable Skills:
Students who complete the programme successfully will be able to:
1. Communicate effectively in context through oral presentations, computer processing, presentations and written reports;
2. Critically review evidence including its reliability, validity and significance;
3. Transfer techniques and solutions from one discipline to another;

4. Use Information and Communications technology;
5. Manage resources and time effectively in order to achieve intended goals;
6. Learn independently with open-mindedness and critical enquiry;
7. Work effectively as a team member which includes collaboration and formulating effective strategies for achieving goals when working with others;
8. Understand individual behaviour in teams, team formation and team dynamics;
9. Clearly identify criteria for success and evaluate his or her own performance against those criteria;
10. Use IT skills and tools such as Word, Excel, PowerPoint and Reference Manager;
11. Enhance lifelong learning skills and personal development so as to be able to work with self-direction and originality and contribute to business and society at large;
12. Build a network of business professionals both through fellow students and the alumni organisation;
13. Embed ethics and sustainability in successful decision making.

Entry Requirements

Academic Requirement	Normally a UK Honours Degree at 2:1 or equivalent in any discipline. Exceptionally a UK Honours Degree at 2:2 or equivalent.
Non-academic Requirements	None
English Language Requirement	English language test: IELTS level 7 with no element below 6.5 (or equivalent).

The programme's competency standards documents can be found requested from the Business School's Teaching & Quality Office.

Learning & Teaching Strategy

Scheduled Learning & Teaching Methods	• Lectures • Practical classes and field work • Equipment/technique demonstrations (e.g. Bloomberg, Datastream) • Seminars • Workshops • Case studies • Group work exercises • Formal presentations
E-learning & Blended Learning Methods	• Pre-programme VLE modules • On-line discussion forums • On-line lecture materials • Interactive content including video and module quizzes

Project and Placement Learning Methods	• Consulting Project • Work Placement Opportunity • Business Start-up

Assessment Strategy

Assessment Methods	• Essays • Continuous assessments • Written Examinations/Tests • Multiple Choice Tests • Formal Presentations • Reports • Case Studies • Participation

Academic Feedback Policy

The School aims to provide feedback to students on coursework within two weeks and to provide provisional examination grades six weeks from the examination date. With each returned coursework assignment, a written evaluation will be provided. General feedback to the cohort is provided on examination performance. Individual examination feedback will be provided to students who fail and are required to undertake a re-sit. Students will be provided with an alpha grade. The numerical mark will only be available on completion of the programme and will be released by Registry. Grades received during the year are deemed provisional until confirmed by the External Exam Board.

Re-sit Policy

The College's Policy on Re-sits is available at: www.imperial.ac.uk/registry/exams/resit

Mitigating Circumstances Policy

The College's Policy on Mitigating Circumstances is available at: www.imperial.ac.uk/registry/exams

Programme Structure

Full-time	Pre-session	Autumn Term	Spring Term	Summer Term	Summer Period
Core Modules	4	5	5	1	
Elective Modules			1		2

Assessment Dates & Deadlines

Written Examinations	December and April
Coursework Assessments	Continuous
Project Deadlines	Mid-August
Practical Assessments	NA

Assessment Structure		
Programme Component	ECTS	% Weighting
Autumn Component (Career & Professional Development workshops, pass/fail PLUS 5 x core modules, equally weighted)	28.50	33.3%
Spring Component (4 x core modules, equally weighted PLUS 1 x core module triply weighted)	38	33.3%
Summer Component (1 x core module, PLUS 2 x core choice modules OR 1 x core choice module doubly weighted)	23.50	33.3%
Total	90	100%

Marking Scheme

All modules are equally weighted, with the exception of Entrepreneurship which is triply weighted, and the Work Placement and Business Start-up modules which are doubly weighted.

There are three components:
- Autumn Term Modules
- Spring Term Modules
- Summer Term and Summer Period Modules

Pass
- An aggregate mark of 50% or greater across the programme as a whole
- An average of 50% or above in each component
- At least 40% in each examination
- At least 40% in all modules and at least 50% in all modules assessed by coursework only*
- A pass mark for the Career and Professional Development module

Merit
- An aggregate mark of 60% or greater across the programme as a whole
- An average of 60% or above in each component
- At least 40% in each examination
- At least 40% in all modules and at least 50% in all modules assessed by coursework only*
- A pass mark for the Career and Professional Development module

Distinction
- An aggregate mark of 70% or greater across the programme as a whole
- An average of 70% or above in each component
- At least 40% in each examination
- At least 40% in all modules and at least 50% in all modules assessed by coursework only*
- A pass mark for the Career and Professional Development module

* includes Design Thinking for Innovation, Business Models and IP, Consulting Project, Project Management, Business Start-up, Work Placement, Innovation, Entrepreneurship and Management Report

Marking Schemes for postgraduate taught programmes:

The Pass Mark for all **postgraduate** taught course modules is 50%. Students must pass all components in order to be awarded a degree.

Indicative Module List											
Code	Title	Core/ Elective	L&T Hours	Ind. Study Hours	Place-ment Hours	Total Hours	% Written Exam	% Course-work	% Practical	FHEQ Level	ECTS
	Induction	Core	35	0	0	35	Not assessed			N/A	N/A
BS1491	Quantitative Skills Primer	Core	10	15	0	25	Not assessed			N/A	N/A
BS1490	Accounting Primer	Core	10	15	0	25	Not assessed			N/A	N/A
BS1317	Plagiarism Awareness	Core	10	15	0	25	Not assessed			N/A	N/A
BS1314	Study Skills	Core	10	15	0	25	Not assessed			N/A	N/A
BS1417	International Study Tour	Elective	0	200	0	200	Not assessed			N/A	N/A
BS1416	Career and Professional Development Workshops	Core	12.5	12.5	0	25	0%	100%	0%	7	1.0
BS1411	Accounting and Corporate Reporting Analysis	Core	32	105.5	0	137.5	70%	30%	0%	7	5.5
BS1412	Business Economics	Core	32	105.5	0	137.5	70%	30%	0%	7	5.5
BS1414	Organisational Behaviour and Human Resource Management	Core	22	115.5	0	137.5	70%	25%	5%	7	5.5
BS1415	Strategic Management	Core	22	115.5	0	137.5	60%	30%	10%	7	5.5
BS1420	Entrepreneurship	Core	56	344	0	400	30%	30%	40%	7	16
BS1404	Innovation Management	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5

Indicative Module List											
Code	Title	Core/ Elective	L&T Hours	Ind. Study Hours	Place- ment Hours	Total Hours	% Written Exam	% Course- work	% Practical	FHEQ Level	ECTS
BS1413	International Marketing	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BS1402	Design Thinking for Innovation	Core	22	115.5	0	137.5	0%	100%	0%	7	5.5
BS1405	Venture Capital and Growth Finance	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BS1401	Business Models and Intellectual Property	Core	20	117.5	0	137.5	0%	100%	0%	7	5.5
BS1408	Project Management	Core	20	117.5	0	137.5	0%	100%	0%	7	5.5
BS1419	Business Start-up	Core Choice	0	450	0	450	0%	100%	0%	7	18.0
BS1409	Consulting Project	Core Choice	0	250	0	250	0%	50%	50%	7	10.0
BS1418	Work Placement	Core Choice	0	100	350	450	0%	100%	0%	7	18.0
BS1410	Innovation, Entrepreneurship and Management Report	Core Choice	0	200	0	200	0%	100%	0%	7	8.0

Supporting Information
The Programme Handbook is available at: http://wwwf.imperial.ac.uk/business-school/programmes/programme-information/
The Module Handbook is made available to students via the Hub once the module commences. Module descriptions are available in the Programme Handbook (link above).
The College's entry requirements for postgraduate programmes can be found at: www.imperial.ac.uk/study/pg/apply/requirements
The College's Quality & Enhancement Framework is available at: www.imperial.ac.uk/registry/proceduresandregulations/qualityassurance
The College's Academic and Examination Regulations can be found at: http://www3.imperial.ac.uk/registry/proceduresandregulations/regulations
Imperial College is an independent corporation whose legal status derives from a Royal Charter granted under Letters Patent in 1907. In 2007 a Supplemental Charter and Statutes was granted by HM Queen Elizabeth II. This Supplemental Charter, which came into force on the date of the College's Centenary, 8th July 2007, established the College as a University with the name and style of "The Imperial College of Science, Technology and Medicine". http://www.imperial.ac.uk/admin-services/secretariat/college-governance/charters-statutes-ordinances-and-regulations/
Imperial College London is regulated by the Higher Education Funding Council for England (HEFCE) http://www.hefce.ac.uk/reg/of/