

MSc Climate Change, Management and Finance

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	Climate Change, Management and Finance		
Award(s)	MSc		
Programme Code	N304		
Awarding Institution	Imperial College London		
Teaching Institution	Imperial College London		
Faculty	Imperial College Business School (lead) Faculty of Natural Sciences		
Department	Imperial College Business School (lead) Grantham Institute for Climate Change		
Main Location of Study	South Kensington Campus		
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	2 nd cycle		
External Accriterator(s)	AMBA Accreditation received: 1987 Accreditation renewal: 2023 (expected) EQUIS Accreditation received: 2006 Accreditation renewal: 2025 (expected) AACSB International Accreditation received: 2012 Accreditation renewal: 2023 (expected)		

Specification Details	
Student cohorts covered by specification	2022/23
Person responsible for the specification	Veronica Russell, Director, Education Quality
Date of introduction of programme	October 2016
Date of programme specification/revision	August 2022
Programme Overview	
<p>The purpose of the programme is to form the necessary interdisciplinary skills required in business in relation to future climate and environmental change. Business decisions are needed on a range of issues related to climate change, including carbon reduction, risk management, financing future ventures and management of supply chains. Well-formed decisions require people with knowledge of business, finance & economics on the one hand, and the scientific case for climate action on the other. In developing these skills, the next generation of business leaders will be equipped to tackle the important environmental challenges of the 21st century.</p> <p>The first term will familiarise students with the IPCC findings and topical issues in climate science, as well as accounting, corporate finance and economics.</p> <p>The second term will include modules on mitigation technologies and the impact of climate change. There will remain, as in term 1, a balance between business and climate modules in order to foster links and interactions between the two.</p> <p>The third term and summer months will commence with four core, shorter modules and will then be devoted to undertaking and completing either a report on a work-placement or on a group work of consultancy. In addition students will work on their final individual report.</p>	
Learning Outcomes	
<p>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</p>	
<p>The overall aim of the programme is to form the necessary interdisciplinary skills required in business in relation to future climate and environmental change, and the risks these pose to economic growth.</p> <p>Students who complete the programme successfully will be able to demonstrate knowledge of:</p> <ol style="list-style-type: none"> 1. The scientific content, outcomes and resulting policies of the Intergovernmental Panel on Climate Change (IPCC) 2. How businesses manage risk, with a particular emphasis on the climate change needs of the 21st Century. 3. Quantitative numerical tools in climate science and business, including environmental forecasting, energy systems, economics, finance, insurance and risk analysis. 	

<p>4. Business data and finance and how they can be used to drive corporate strategies on climate change risk and opportunities.</p> <p>5. Sustainability issues and how/whether these are instrumental in forming strategies to manage climate risks, innovate and form medium-long term strategies.</p> <p>6. How legislation and policy is formed on climate risk and how business works with such decisions.</p>	
Entry Requirements	
Academic Requirement	<p>Normally a 2:1 UK Bachelor's Degree with Honours or equivalent in a relevant discipline such as science, engineering, economics or mathematics (or a comparable qualification recognised by the College).</p> <p>The Business School does not award credit for Prior Learning (Recognition of Prior Certified Learning (RPCL) or Recognition of Prior Experiential Learning (RPEL)).</p>
Non-academic Requirements	<p>Two references.</p> <p>Applicants who do not meet the academic requirements above but who have substantial relevant industry experience may be admitted following completion of a 'Special Qualifying Exam' (SQE).</p> <p>Home/EU/international candidates will be invited to attend a post-application interview.</p>
English Language Requirement	<p>Higher requirement IELTS 7.0 with a minimum 6.5 in each element or equivalent.</p>
<p>The programme's competency standards documents can be requested from the Business School's Education Quality Office.</p>	
Learning & Teaching Strategy	
Scheduled Learning & Teaching Methods	<ul style="list-style-type: none"> • Lectures • Practical classes and field work • Equipment/technique demonstrations • Seminars • Workshops • Case studies • Group work exercises, • Formal presentations
E-learning & Blended Learning Methods	<ul style="list-style-type: none"> • Pre-programme VLE modules • On-line discussion forums • On-line lecture materials

	<ul style="list-style-type: none"> • Interactive content including video and module quizzes
Project and Placement Learning Methods	<ul style="list-style-type: none"> • Work Placement Opportunity
Assessment Strategy	
Assessment Methods	<p>Modules will be assessed by one or more of the following types of assessment methods:</p> <ul style="list-style-type: none"> • Essays • Continuous assessments • Written Examinations/Tests • Multiple Choice Tests • Formal Presentations • Reports • Case Studies • Class Participation <p>Assessed modules comprise coursework that is designed to help you master key elements of the subject and, in part, to help prepare you for the final assessment, which is typically a report or examination. Examinations are scheduled throughout the year, generally at the end of the term the module is taught or at the start of the subsequent term. Exact timings are detailed in the programme overview section above. The format of examinations may be written, computer-based or timed remote assessment.</p> <p>Coursework weighting varies among modules. The various assessments allow you to demonstrate that you have met the intended learning outcomes for each module and these collectively contribute towards your achievement of the programme's learning outcomes, detailed above.</p> <p>Assessments are designed to ensure that you have acquired the core knowledge and skills expected of a Business School graduate and that you are able to apply these in your career aspirations upon completion of the programme</p> <ul style="list-style-type: none"> • Feedback can take many forms. You will receive written feedback on all coursework along with other forms of feedback such as verbal feedback on presentations.
Academic Feedback Policy	

The School aims to provide feedback to students on coursework within two weeks and to provide provisional examination marks 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. Students will be provided with a percentage mark. All percentage marks 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: <http://www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/>

Mitigating Circumstances Policy

The College's Policy on Mitigating Circumstances is available at: <http://www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/>

Programme Structure

Full-time	Pre-session	Autumn Term	Spring Term	Summer Term	Summer Vacation
Compulsory Modules	1	5	3	4	0
Elective Modules	0	0	2	1	1
Projects	0	0	0	1	

Core modules are those which serve a fundamental role within the curriculum, and for which achievement of the credits for that module is essential for the achievement of the target award. Core modules must therefore be taken and passed in order to achieve that named award. They are approved and listed as core modules for that named award on the programme specification and cannot be compensated.

Compulsory modules are those which are designated as necessary to be taken as part of the programme syllabus. Compulsory modules can be compensated.

Elective modules are those which are in the same subject area as the field of study and are offered to students in order to offer an element of choice in the curriculum and from which students are able to select. They are approved and listed as elective modules for that named award on the programme specifications. Elective modules can be compensated.

Assessment Dates & Deadlines

Written Examinations	December, April
Coursework Assessments	Continuous
Project Deadlines	End of August
Practical Assessments	Continuous

Assessment Structure

Module Groups	ECTS	% Weighting
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Foundation Modules Principles of Finance (7%) Financial Markets and Climate Change (7%) The Science of Climate Change (7%) Quantitative Methods (7%) Carbon Accounting & Reporting (7%) Business Economics, Climate Change and the Environment (7%) Impacts & Adaption to Climate Change (7%) Mitigating Climate Change (7%) Data, Tools and Evidence primer (zero weighted)	44	56%
Specialist Modules Clean Technology Investment (7%) Risk Management & Climate Change (7%) Sustainable Management & Strategy (7%) Energy Business & Strategy (3%) Climate Change & Governance (3%) Climate Finance: A Global Overview (7%)	23	27%
Applied Modules Innovation in Cleantech and Climate Change Solutions (3%) Consulting Project (7%) or Work Placement Report (0%) Climate Change, Management & Finance Report (7% or 14% if Work Placement is selected)	23	17%
Total	90	100%

Assessment Scheme

All modules are equally weighted at 7%, with the exception of Energy Business & Strategy, Climate Change & Governance and Innovation in Cleantech and Climate Change Solutions which are weighted at 3% each, and the Work Placement which is zero weighted. The Climate Change, Management & Finance report will be weighted at 14% if the Work Placement elective is selected

There are three module groups:

- Foundation Modules
- Specialist Modules
- Applied Modules

Pass

- An aggregate mark of 50% or greater across the programme as a whole
- An aggregate mark of 50% or above in each module group- Foundation, Specialist and Applied modules
- A pass mark for the Data, Tools and Evidence primer

Merit

- An aggregate mark of 60% or greater across the programme as a whole
- An aggregate mark of 60% or above in each module group- Foundation, Specialist and Applied modules
- A pass mark for the Data, Tools and Evidence primer

Distinction

- An aggregate mark of 70% or greater across the programme as a whole
- An aggregate mark of 70% or above in each module group- Foundation, Specialist and Applied modules
- A pass mark for the Data, Tools and Evidence primer

Indicative Module List											
Code	Title	Compulsory/ Elective	L&T Hours	Ind. Study Hours	Place- ment Hours	Total Hours	% Written Exam	% Course- work	% Practical	FHEQ Level	ECTS
BUSI70070	Plagiarism Awareness	Required	10	15	0	25					0
BUSI97310	Data, Tools and Evidence Primer	Compulsory	12.5	25	0	37.5	0%	100%	0%	7	0
BUSI70277	Financial Markets and Climate Change	Compulsory	22	115.5	0	137.5	100%	0%	0%	7	5.5
BUSI97291	The Science of Climate Change	Compulsory	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97292	Impacts and Adaptation to Climate Change	Compulsory	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97293	Quantitative Methods	Compulsory	32	105.5	0	137.5	70%	30%	0%	7	5.5
BUSI97294	Carbon Accounting and Reporting	Compulsory	20	117.5	0	137.5	0%	100%	0%	7	5.5
BUSI97296	Business Economics, Climate Change and the Environment	Compulsory	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97297	Mitigating Climate Change	Compulsory	22	115.5	0	137.5	45%	55%	0%	7	5.5
BUSI97300	Principles of Finance	Compulsory	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97309	Energy Business and Strategy	Compulsory	10	77.5	0	87.5	0%	100%	0%	7	3.5
BUSI97301	Climate Change and Governance	Compulsory	10	77.5	0	87.5	0%	100%	0%	7	3.5
BUSI97590	Innovation in Cleantech and Climate Change Solutions	Compulsory	10	77.5	0	87.5	0%	85%	15%	7	3.5

Indicative Module List											
Code	Title	Compulsory/ Elective	L&T Hours	Ind. Study Hours	Place- ment Hours	Total Hours	% Written Exam	% Course- work	% Practical	FHEQ Level	ECTS
BUSI97308	Climate Finance: A Global Overview	Compulsory	20	105	0	125	0%	100%	0%	7	5.0
BUSI97298	Clean Technology Investment	Elective	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97302	Sustainable Management and Strategy	Elective	22	115.5	0	137.5	50%	50%	0%	7	5.5
TBC	Sustainable Consumption and Climate Change	Elective	22	103	0	125	70%	30%	0%	7	5.0
BUSI97295	Risk Management and Climate Change	Elective	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97307	Individual Report	Compulsory	30	220	0	250	0%	80%	20%	7	10.0
BUSI97304	Consulting Project	Elective	0	237.5	0	237.5	0%	50%	50%	7	9.5
BUSI97305	Work Placement	Elective	0	62.5	175	237.5	0%	100%	0%	7	9.5

Supporting Information

The Programme Handbook is available at:

<http://www.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:

<https://www.imperial.ac.uk/about/governance/academic-governance/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/register/>