

MSc Climate Change, Management & 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 & 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 Accrerator(s)	AMBA Accreditation received: 1987 Accreditation renewal: 2018 EQUIS Accreditation received: 2006 Accreditation renewal: 2015 AACSB International Accreditation received: 2012 Accreditation renewal: 2018		

Specification Details	
Student cohorts covered by specification	2019/20
Person responsible for the specification	Veronica Russell, Assistant Director Education Quality
Date of introduction of programme	October 2016
Date of programme specification/revision	July 2019
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, with additional modules on marketing, finance and risk management.</p> <p>The third term and summer months will commence with a few short and concentrated lectures and will then be devoted to undertaking and completing either a report on a work-placement or on a group work of consultancy. In additional 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. 	

4. Business data and finance and how they can be used to drive corporate strategies on climate change risk and opportunities.
5. Sustainability issues and how/whether these are instrumental in forming strategies to manage climate risks, innovate and form medium-long term strategies.
6. How legislation and policy is formed on climate risk and how business works with such decisions.

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>

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

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	<ul style="list-style-type: none"> • Written Examinations • Multiple Choice Tests • Essays • Formal Presentations • Reports • Case Studies 				
Academic Feedback Policy					
<p>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.</p>					
Re-sit Policy					
<p>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/</p>					
Mitigating Circumstances Policy					
<p>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/</p>					
Programme Structure					
Full-time	Pre-session	Autumn Term	Spring Term	Summer Term	Summer Vacation
Core Modules	2	5	5	6	0
Elective Modules	0	0	0	0	1
Projects	0	0	0	0	1
Assessment Dates & Deadlines					
Written Examinations	December, April				
Coursework Assessments	Continuous				

Project Deadlines	End of August	
Practical Assessments	Continuous	
Assessment Structure		
Module Groups	ECTS	% Weighting
Autumn Modules The Science of Climate Change (7%) Quantitative Methods (7%) Financial and Carbon Accounting & Reporting (7%) Business Economics, Climate Change and the Environment (7%) Impacts & Adaption to Climate Change (7%) Data, Tools and Evidence primer (zero weighted)	27.5	35%
Spring Modules Corporate Finance (7%) Risk Management & Climate Change (7%) Mitigating Climate Change (7%) Clean Tech Investment (7%) Sustainable Management & Strategy (7%)	27.5	35%
Summer Modules Energy Business & Strategy (3%) Climate Change & Governance (3%) Innovation in Cleantech and Climate Change Solutions (3%) Climate Finance (7%) Consulting Project or Work Placement Report (7%) Climate Change, Management & Finance Report (7%)	35.0	30%
Total	90	100%
Assessment Scheme		
<p>The pass mark for Master’s level programmes is 50%.</p> <p>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.</p> <p>There are three module groups:</p> <ul style="list-style-type: none"> • Autumn Modules • Spring Modules • Summer Modules <p>Where a module has two or more assessments, a mark of between 40-49% may be condoned for individual assessments provided the aggregate of all assessments for the module is equal or greater than 50%.</p>		

Where a module has only one assessment a mark of between 40-49% may be condoned if the aggregate for all modules in the programme component is equal or greater than 50%.

Failure in an assessment where the mark is less than 40% cannot be condoned.

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- Autumn, Spring and Summer modules
- At least 50% in all modules assessed by coursework only*
- At least 40% in each examination
- 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- Autumn, Spring and Summer modules
- At least 50% in all modules assessed by coursework only*
- At least 40% in each examination
- 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- Autumn, Spring and Summer modules
- At least 50% in all modules assessed by coursework only*
- At least 40% in each examination
- A pass mark for the Data, Tools and Evidence primer

* Energy Business & Strategy, Climate Change & Governance, Innovation in Cleantech and Climate Change Solutions, Climate Finance, Consulting Project/Work Placement and Individual Report

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
BUSI97312	Quantitative primer	Core	10	5	0	15	Not assessed			N/A	0
	Induction	Core	35	0	0	35	Not assessed			N/A	0
BUSI97306	Career & Professional Development Workshops	Core	12.5	12.5	0	25	Not assessed			N/A	0
BUSI97310	Data, Tools and Evidence Primer	Core	12.5	25	0	37.5	0%	100%	0%	7	0
BUSI97291	The Science of Climate Change	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97292	Impacts and Adaptation to Climate Change	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97293	Quantitative Methods	Core	32	105.5	0	137.5	70%	30%	0%	7	5.5
BUSI97294	Financial and Carbon Accounting & Reporting	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97295	Risk Management & Climate Change	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97296	Business Economics, Climate Change and the Environment	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97297	Mitigating Climate Change	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97298	Clean Technology Investment	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97302	Sustainable Management & Strategy	Core	22	115.5	0	137.5	50%	50%	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
BUSI97300	Corporate Finance	Core	22	115.5	0	137.5	70%	30%	0%	7	5.5
BUSI97309	Energy Business & Strategy	Core	10	77.5	0	87.5	0%	100%	0%	7	3.5
BUSI97301	Climate Change & Governance	Core	10	77.5	0	87.5	0%	100%	0%	7	3.5
BUSI97590	Innovation in Cleantech and Climate Change Solutions	Core	10	77.5	0	87.5	0%	85%	15%	7	3.5
BUSI97308	Climate Finance	Core	20	105	0	125	0%	100%	0%	7	5.0
BUSI97304	Consulting Project	Core Choice	0	237.5	0	237.5	0%	50%	50%	7	9.5
BUSI97305	Work Placement	Core Choice	0	62.5	175	237.5	0%	100%	0%	7	9.5
BUSI97307	Individual Report	Core	30	220	0	250	0%	80%	20%	7	10.0

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:

<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 Office for Students (OfS)

www.officeforstudents.org.uk/advice-and-guidance/the-register/