

# Programme Specification for Postgraduate Programme

Leading to:

**MSc Sustainability, Entrepreneurship and Design**

**MSc Sustainability, Entrepreneurship and Design (with Professional Development)**

*Applicable for all postgraduate students starting on or after 1<sup>st</sup> September 2020*

Version No.	Date	Notes – QA USE ONLY	QA
1	Sep-20	2020-21 version of Programme Specification created with ES5620 added	RJC

Postgraduate Taught Programme	
1. Awarding institution	Brunel University London
2. Teaching institution(s)	Brunel University London
3. Home college/department/division	College of Health, Medicine and Life Sciences, Department of Life Sciences, Division of Biosciences
4. Contributing college/department/division/associated institution	College of Engineering, Design and Physical Sciences/ Dept of Design/Design College of Business, Arts and Social Sciences/Brunel Business School /Management  LBIC for Alternative pre-Masters level (see section 25)
5. Programme accredited by	Not accredited.
6. Final award(s) and FHEQ Level of Award	MSc in Sustainability, Entrepreneurship and Design (FHEQ Level 7) (standard MSc award) MSc in Sustainability, Entrepreneurship and Design (with Professional Development) (FHEQ Level 7) (enhanced MSc award)
7. Programme title	MSc in Sustainability, Entrepreneurship and Design
8. Programme type (single honours/joint)	N/A
9. Normal length of programme (in months) for each mode of study	Full-Time: 12 Months – Standard MSc award Full-Time: 21 Months – Enhanced MSc award Where students commence their programme at the pre-Masters level in LBIC, the normal length stated above will vary as follows: Pre-Masters level January commencement (with placement): + 6 months Pre-Masters level May commencement (without placement): + 4 months Pre-Masters level September commencement (without placement): + 4 months
10. Maximum period of registration for each mode of study	Normal or standard duration plus 2 years
11. Variation(s) to September start	None See document “Validated Programme Element Specification for LBIC Generic Pre-Masters (with and without work placement)” for Alternative pre-Masters level entry points
12. Modes of study	Full Time
13. Modes of delivery	Standard
14. Intermediate awards and titles and FHEQ Level of Award	PGCert in Strategic Sustainable Development - FHEQ Level 7 PGDip in Sustainability, Entrepreneurship and Design - FHEQ Level 7
15. UCAS Code	N/A
16. HECoS Code	(Physical Geography)/ 101221 (Enterprise and Entrepreneurship)

17. Route Code	F800PSUSENIN
18. Relevant subject benchmark statements and other external and internal reference points used to inform programme design	<p><a href="#">QAA UK Quality Code for Higher Education</a></p> <p><a href="#">Most Recent QAA Subject Benchmark Statement</a>: there are currently no relevant subject benchmark statements.</p> <p><a href="#">Brunel 2030</a></p> <p>Brunel Placement Learning Policy, as published under the 'Placements' section of the '<a href="#">Managing Higher Education Provision with Others</a>' page.</p>
19. Admission Requirements	<p>Details of <a href="#">PGT entry requirements</a> are provided on the University's and College website.</p> <p>Levels of English for non-native speakers are outlined on Brunel International's <a href="#">language requirements</a> pages.</p>
20. Other relevant information (e.g. study abroad, additional information on placements)	N/A
21. Programme regulations not specified in Senate Regulation 3. Any departure from regulations specified in Senate Regulation 3 must be stated here and approved by Senate.	N/A
22. Further information about the programme is available from the College website.	<p>Course Director, Sustainable Entrepreneurship and Design</p> <p><a href="http://www.brunel.ac.uk/courses/postgraduate/sustainable-entrepreneurship-and-design-msc">http://www.brunel.ac.uk/courses/postgraduate/sustainable-entrepreneurship-and-design-msc</a></p>

### 23. EDUCATIONAL AIMS OF THE PROGRAMME

#### The aims of this programme are to:

As a collective, we will develop and deliver a programme of postgraduate education and training that enables our graduates to become business leaders, environmental entrepreneurs, inventors and/or bid/proposal writers who embrace sustainability at their very core. Upon graduating, these individuals will become key figures in local, regional, national or global businesses; holistic thinkers and visionary leaders in their communities, corporations, businesses, non-profit organisations and government agencies. They will infuse environmental awareness into societies and make tangible contributions to the theory and practice of environmental protection, sustainable business and a circular (green) economy.

The Enhanced MSc programme, MSc in Sustainability, Entrepreneurship and Design (with Professional Development), incorporates both a 1-year taught and project components (180 credits) as well as a 6-month Professional Development period (60 credits) in Year 2. The Professional Development period (through mentoring, intense corporate exposure, opportunities for VC funding and the provision of business incubator and workshop space) provides a unique environment and opportunity for our students to develop and launch their various career paths. Broadly speaking we have identified four possible paths for students in the Professional Development period:

1. Business Incubator Pathway – Ideal for entrepreneurial students with a clear business plan in Year 1 and who have been successful in obtaining VC support through the FSE framework. These students will work alongside their academic supervisor/mentor (previously assigned to them at the beginning of Term 3 in the MSc). The academic supervisor/mentors role will be to act as a support and guide for the student in Term 3 and will play a critical role in to crystallising the students thinking as to the development of the project; critically assisting in the development of their business plan by trying to develop structure that is relevant to the development of a product/project and business in the Professional Development period. As the project progresses, they will assist in practical aspects such as marketing plans, finance and, if relevant, manufacturing. The supervisory team will raise questions and provide alternatives, and through an iterative process will guide the student in the right direction.

2. Business Internship Pathway – Ideal for students who aspire to lead the transformation of existing businesses towards sustainability. These students will also work alongside their academic supervisors/mentors (described above) in a relevant business in order to develop and implement the leadership skills and practical abilities needed to bring about organisational change.

3. Prototype Development Pathway – Ideal for students who have a strong interest in design, and wish to design sustainable products, services and experiences. Workshop space will be made available for prototype development. Importantly, we see the Professional Development framework as a continuous resource for our students. Students with a finalised prototype after 6-months may showcase their products to VCs during the Project Pitch and Matching event and may undertake the Business Incubator pathway for a further fee.

4. Bid/Proposal Writer Pathway – This route has been included due to the huge global demand for individuals with the necessary skills to write tenders, bids and grants to help businesses and society move towards sustainability. Students taking this pathway may also have an interest in sustainability research across business, design and environmental science, and might be interested in an academic career path.

#### 24. PROGRAMME AND INTERMEDIATE LEARNING OUTCOMES

The programme provides opportunities for students to develop and demonstrate knowledge and understanding (K) cognitive (thinking) skills (C) and other skills and attributes (S) in the following areas:

FHEQ Level	Category (K = knowledge and understanding, C = cognitive (thinking) skills, S = other skills and attributes)	Learning Outcome	Masters Award Only	Associated Assessment Blocks Code(s)	Associated Study Blocks Code(s)	Associated Modular Blocks Code(s)
<b>7</b>						
7	K	Demonstrate a sophisticated, critical and thorough understanding of sustainable development and its relevance to the environment, business, product design and corporate relationships.		All compulsory assessment blocks ES5802	All compulsory study blocks ES5702	MG5564 DM5544 ES5606 MG5610 ES5620
7	K	Demonstrate a critical and comprehensive knowledge and understanding of legal framework to be included in a business plan, and product design.		ES5804 MG5801 MG5802 MG5803 DM5801 DM5802	MG5702 MG5703 DM5701	ES5607 MG5564 DM5544
7	K	Demonstrate a sophisticated, critical and comprehensive understanding regarding key theories and concepts pertaining to design, innovation and entrepreneurship in a science and business context.		ES5804 MG5801 MG5802 DM5801 DM5802	MG5701 MG5702 DM5701 DM5702	MG5564
7	K, C, S	Critically evaluate methods and tools for problem solving, decision making and planning within both the design context, entrepreneurial process and strategic sustainable development.		All compulsory assessment blocks	All compulsory study blocks	MG5564 MG5573 ES5620
7	C, S	Formulate and present a seminar to provoke challenging and stimulating debate to achieve insights into design futures to a mixed.		DM5801 DM5802	DM5701 DM5702	DM5544
7	K, C	Identify and critically		MG5803	MG5703	MG5564

		examine the roles, duties and responsibilities of company stakeholders, the strengths and limitations of current EU and International law and the regulatory tools designed for protection of the environment and society.		ES5802	ES5702	ES5606 ES5607
7	K, C	Identify, plan, evaluate and develop a Masters dissertation topic relevant to the aims of the programme resulting in either a business plan, product design or research proposal which identifies the key principles of sustainability.	MSc only			ES5500
7	K, C, S	Critical and comprehensive understanding of how to summarise findings and present them in a concise and clear manner; prepare and present work individually and as part of a team.		All assessment blocks	All study blocks	All modular blocks
7	K, C, S	Develop and present a business plan outline for the launch of entrepreneurial venture and demonstrate awareness of the applicability of concepts of ethics and social responsibility in entrepreneurship, logistics and supply chain management.		MG5801 MG5802 MG5803	MG5701 MG5702 MG5703	MG5564 MG5573
7	C, S	Develop and present a product design for the launch of an entrepreneurial venture.		ES5804 DM5801 DM5802	DM5701 DM5702	DM5544
7	S	Construct and present a Master's dissertation based on a detailed business plan, a product design or a research proposal.	MSc only			ES5500
7	K, C, S	Demonstrate how academic studies relevant to sustainability, entrepreneurship and design can be used to overcome working constraints within an organisational and/or professional context through the ability to identify relevant environmental, business and design knowledge, tools and techniques.  Demonstrate competence and initiative in the	Enhanced MSc award only			ES5605

		<p>appropriate use of critical and interpersonal skills to identify opportunities and implement strategies necessary to solve emerging and existing problems within an organisational and/or professional context.</p> <p>Demonstrate a responsible approach to project management and time planning, including effective performance under pressure, while adhering to the standards and procedures established by the professional/organisational setting.</p>				
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Learning Outcomes for students achieving a PGCert will be a sub-set of those defined for PGDip, according to the particular modules passed.

**Learning/teaching strategies and methods** to enable learning outcomes to be achieved, including formative assessments

We will use a variety of teaching and learning methods throughout the course including lectures, webinars, tutorials, problem-based learning, practical sessions, and professional development opportunities. Compulsory study blocks will be assessed as individual assessment blocks (10 credits) and learning will be integrated through two integrated assessment blocks in Term 2. Students will work actively with their supervisor, personal tutor and mentors to enhance their personal and professional development throughout the MSc course through personal development planning (PDP) activities delivered through the Business Life Programme. Students' learning will rapidly become more "self-directed and focused on their chosen academic pathways.

At the start of Term 3, students will be provided with an internal academic supervisor and an external mentor. This supervisory team will form a working relationship that is expected to extend to the end of the standard MSc duration and throughout, and possibly beyond, the 6-month Professional Development period in Year 2 (see aims).

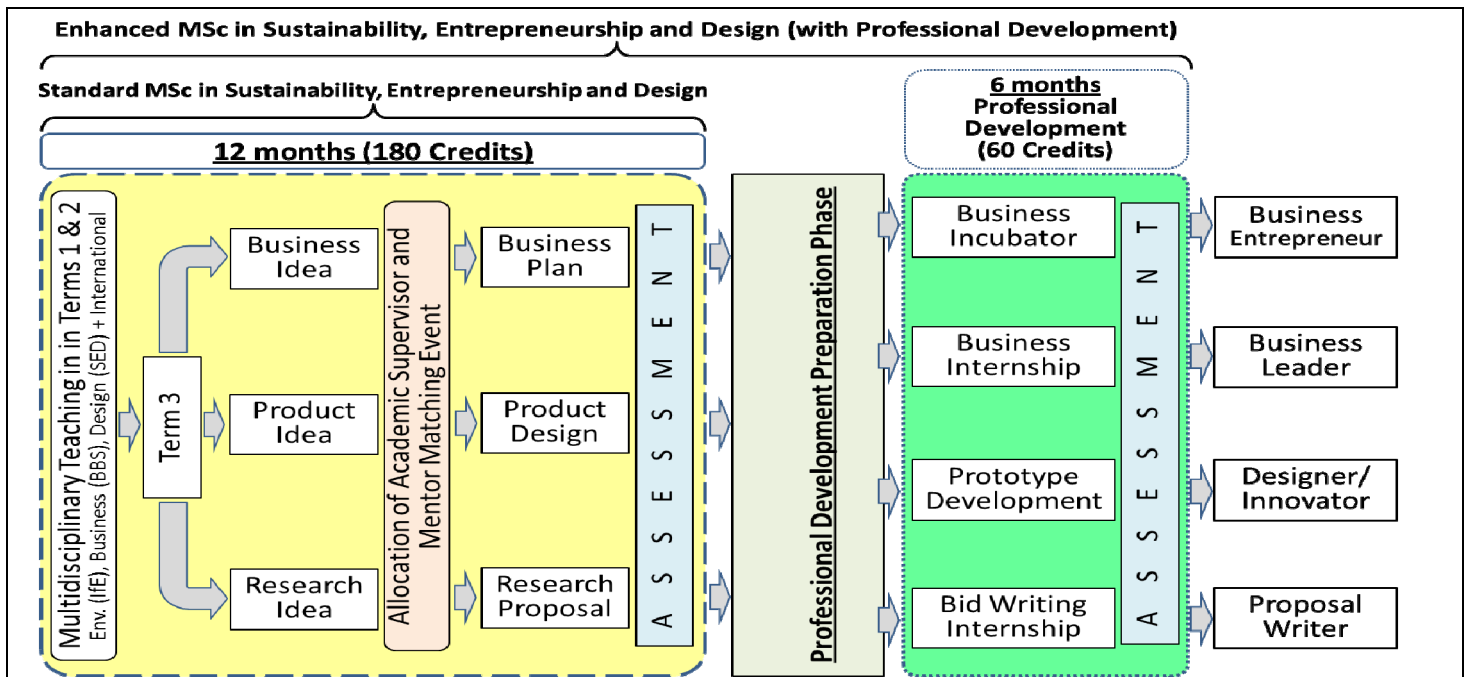
After the Dissertation in term 3, students will have the option of embarking on an additional 6-month Professional Development period and will have been guided towards an appropriate professional development pathway based on the nature of the assessment at the end of Term 3 (i.e. business plan, product design or research proposal). The Professional Development Programme period will start with a pre-screen (Project Pitch and Matching) period whereby the Term 3 documents are reviewed by a panel of academic stakeholders, mentors and external advisors in order to help guide students in their choice of Professional Development path.

**Summative assessment strategies and methods** to enable learning outcomes to be demonstrated.

We will employ an integrated assessment approach to judge your understanding and performance across the programme aims and learning outcomes. This will include written exams, written assignments, practical exams, literature reviews and a project proposal.

## 25. Programme Structure, progression and award requirements

Programme structures and features: levels, assessment blocks, credit and progression and award requirements



For students registered on the Enhanced MSc, after dissertation submission, there will be a 3-month Professional Development Preparation Phase during which the appropriate route will be determined pending eligibility to continue on the Enhanced MSc programme (see progression and award requirements).

- **Compulsory block:** one which all students registered for the award are required to take as part of their programme of study. These will be listed in the left hand column;
- **Optional block:** one which students choose from an 'option range'. These will be listed in the right hand column;
- A **core assessment** is an assessment identified within an assessment block or modular block (either compulsory or optional) which must be passed (at grade C- or better) in order to be eligible to progress and to be eligible for the final award. All core assessments must be specified on the programme specification next to the appropriate assessment or modular block:

Where students are expected to pass the block at C- or better, but not necessarily all elements, then the block itself is core.

e.g. AB5500 Project (40)  
Core: Block

Where only some elements of assessments are required to be passed at C- or better, these will be identified by listing each element that is core

e.g. ABXXX1 Title (XX credits)  
Core: 1 & 4

Where students are expected to pass all assessments in a block then this will be identified. By setting the assessment this way, students are also required to pass the block by default. This will be identified thus:

e.g. ABXXXX Title (XX credits)  
Core: All, Block

- A **non-core assessment** does not have to be passed at grade C- or better, but must D- or better in order to be eligible for the final award.

#### Pre-Masters level

The pre-Masters level structure available to international students is specified in the document "Validated Programme Element Specification for LBIC Generic Pre-Masters (with and without work placement)". This document also specifies the admission and progression requirements.

#### FHEQ Level 7

<p><b>Compulsory assessment block codes, titles and credit</b></p> <p>All assessment blocks are 10 credits unless otherwise specified</p> <p>ES5803 Introduction to Strategic Sustainable Development  MG5801 Entrepreneurship  MG5802 Business Planning  MG5803 International Business Ethics, Sustainability and Corporate Governance  DM5801 Sustainable Design  DM5802 Professional Design Studio  ES5804 Integrated Assessment – Sustainability, Entrepreneurship and Design (30 credits)</p>	<p><b>Optional assessment block codes, titles and credits</b></p> <p>ES5802 Climate Change and Planetary Health (15 credits)</p>
<p><b>Compulsory study block codes, titles and credit volume</b></p> <p>All study blocks are 15 credits unless otherwise specified</p> <p>ES5703 Introduction to Strategic Sustainable Development  MG5701 Entrepreneurship  MG5702 Business Planning  MG5703 International Business Ethics, Sustainability and Corporate Governance  DM5701 Sustainable Design  DM5702 Professional Design Studio</p>	<p><b>Optional Study block codes, titles and credit volume</b></p> <p>ES5702 Climate Change and Planetary Health (15 credits)</p>
<p><b>Compulsory modular block codes, titles and credits</b></p> <p>ES5500 Dissertation (60 credits)</p> <p>ES5605 Portfolio – Sustainable Development in Practice (60 credits)  (Compulsory for the MSc with professional development – 240 Credits)</p>	<p><b>Optional modular block codes, titles and credits</b></p> <p>Choose 30 credits from the list below or 15 credits if taking ES5702 and ES5802 options.</p> <p>All modular blocks are 15 credits unless otherwise specified</p> <p>ES5620 Environmental Management  ES5606 Clean Technology  ES5607 Environmental Law  MG5610 Consumer Behaviour  MG5564 International Business Strategy  MG5573 Logistics and Supply Chain Management  DM5544 Design Innovation Futures: Seminar and Workshop Programme</p>

### FHEQ Level 7 Progression and Award Requirements

As per [Senate Regulation 3](#)

**PGDip may not be awarded by substitution of the dissertation (ES5500) for modular/assessment blocks in the taught part of the programme.**

#### Continuation to professional development phase

In order to continue to the professional development phase of the Enhanced MSc programme (ES5605), students will be required to have met the standards for the Standard MSc award with a minimum dissertation grade of C- at their first attempt.

For the Enhanced MSc award (see section 6), the classification of award shall be determined as follows:

- Requirement for a pass – same as MSc plus a minimum grade C- in portfolio (ES5605)
- Requirement for merit – same as MSc plus a minimum grad B- in portfolio (ES5605)
- Requirement for distinction – same as MSc plus a minimum grade A- in portfolio (ES5605)

Please note: This specification provides a concise summary of the main features of the programme and the learning outcomes that a student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods can be found

in the modular block, assessment and study block outlines and other programme and block information. The accuracy of the information contained in this document is reviewed by the University from time to time and whenever a modification occurs.