

Programme Specification for Programme Leading to: PhD with Integrated Postgraduate Diploma

Applicable for all postgraduate students starting on or after 1st September 2018

Version No.	Date	Notes – QA USE ONLY	QA
1	Feb 2019	Programme specification for 2018/19 created	SMu
1.1	Feb 2019	Module GS5602 Research Methods and Legal Reasoning added for 2018/19	SMu

1. Awarding institution	Brunel University London
2. Teaching institution(s)	Brunel University London
3. Home College	Graduate School
4. Contributing Colleges/associated institutions	College of Business, Arts and Social Sciences; College of Engineering, Design and Physical Sciences; College of Health and Life Sciences
5. Programme accredited by	N/A
6. Final award(s) and FHEQ Level of Award	<p>PhD and one of the following:</p> <ul style="list-style-type: none"> Postgraduate Diploma in Life Sciences Research Postgraduate Diploma in Clinical Sciences Research Postgraduate Diploma in Mechanical, Aerospace and Civil Engineering Research Postgraduate Diploma in Law Research Advanced Manufacturing and Enterprise Engineering Research Postgraduate Diploma in Business and Management Research Postgraduate Diploma in Design Research Postgraduate Diploma in Economics and Finance Research Postgraduate Diploma in Education Research Postgraduate Diploma in Electronic & Computer Engineering Research Postgraduate Diploma in Information Systems & Computing Research Postgraduate Diploma in Mathematical Sciences Research <p>FHEQ Level 8 (PhD) FHEQ Level 7 (PGDip)</p>
7. Programme title	Brunel Integrated PhD
8. N/A	
9. Normal length of programme (in months) for each mode of study	48 months
10. Maximum period of registration for each mode of study	60 months
11. Variation(s) to September start	October or January start

12. Modes of study	FT			
13. Modes of delivery	Standard			
14. Intermediate awards and titles	Post Graduate Diploma			
15. N/A				
16. JACS Code				
17. Route Codes	B900RCSINTPD C900RLSINTPD G100RMAINTPD H150RDMINTPD H300RMEINTPD H600REEINTPD H780RMNINTPD I200RCSINTPD L100RECINTPD L990RSOINTPD M100RLXINTPD N200RMGINTPD X200REDINTPD			
18. Relevant subject benchmark statements and other external and internal reference points used to inform programme design	UK Quality Code for Higher Education Brunel 2030 Framework for Higher Education Qualifications Vitae Researcher Development Framework and Concordat to support the career development of researchers http://www.researchconcordat.ac.uk/ ESRC Postgraduate Training and Development Guidelines			
19. Admission Requirements	Applicants will need to meet the standard PhD admission requirements http://www.brunel.ac.uk/research/Research-degrees/Research-degree-entry-requirements			
20. Other relevant information (e.g. study abroad, additional information on placements)				
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.				
22. Further information about the programme is available from:	Dr Inma Andres, Doctoral Programme Manager, Brunel Graduate School			

23. EDUCATIONAL AIMS OF THE PROGRAMME

The taught component of the Brunel Integrated PhD aims to support an individual's development as a research professional. The taught programme, together with the associated PhD research, aims to produce researchers who are well prepared to embark on careers as academics or professional researchers. As well as the skills to conduct and disseminate high quality academic research, researchers will develop a range of broader ('transferable') skills to help ensure that their work has impact in the wider world.

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:

Level	Category (K = knowledge and understanding, C = cognitive (thinking) skills, S = other skills and attributes)	Learning Outcome	Masters Only	Associated Assessment Blocks Code(s)	Associated Study Blocks Code(s)	Associated Modular Blocks Code(s)
5	K,C	Comprehension of basic principles of research design and strategy, including an understanding of how to formulate researchable problems and an appreciation of alternative approaches to research				GS5525; GS5527/31 (or physical sciences equivalent)
	K,C	Competence in understanding and applying appropriate research techniques, methods and tools <ul style="list-style-type: none"> For behavioural scientists this encompasses a range of qualitative and quantitative methods and tools, including mixed methods approaches 				GS5525; GS5527/31 (or physical sciences equivalent)

		<ul style="list-style-type: none"> For engineering researchers this encompasses the use of appropriate research equipment and devices, and application of appropriate numerical analysis methods and tools 				
	K,C	Capabilities for managing research, including managing data, and conducting and disseminating research in a way that is consistent with both professional practice and the normal principles of research ethics.				GS5525; GS5530; GS5528; GS5527/31 (or physical sciences equivalent)
	K,C,S	Understanding of the significance of alternative epistemological positions that provide the context for theory construction, research design, and the selection of appropriate analytical techniques.				GS5525; GS5527/31 (or physical sciences equivalent)
	K,S	Ability to effectively promote and explain the benefit and applicability of research ideas and findings to potential funding bodies, end users and other relevant audiences such as students, policy-makers and the general public.				GS5530; GS5529; GS5528
	K,C	Understanding of the key opportunities and constraints that arise from the academic, social, political, legal, economic and environmental context in which research takes place.				GS5530; GS5529
	C,S	Ability to critically engage with the transferable skills agenda, including critical self reflection on personal skills development and training needs against a defined skills framework and the ability to articulate how skills gained could be utilised in a range of settings.				GS5530
	K,C,S	Ability to engage effectively and appropriately with other researchers and end users in the process of knowledge production and transfer, including a critical appreciation of interdisciplinary team roles and the qualities of good research leadership.				GS5529; GS5530; GS5528
	K,C,S	Ability to demonstrate knowledge and understanding of the academic discipline in which the PhD research is situated				GS5526;
	K,C,S	Ability to discern relationships between concepts and ideas and techniques across an area of substantive enquiry				GS5526;

	<p>Learning/teaching strategies and methods to enable learning outcomes to be achieved, including formative assessments</p>
	<p>Workshops, seminars and lab classes will be provided to support student learning and skills development.</p> <p>Individual one-to-one tutorials will be available to provide formative feedback and to support researchers in preparing for assessment tasks.</p> <p>Regular coaching sessions involving the researcher, programme coach and research supervisor will be held to support researchers in identifying their development needs and mapping these to programme classes.</p>
	<p>Summative assessment strategies and methods to enable learning outcomes to be demonstrated.</p>
	<p>Portfolio assessments will be used widely with content negotiated with the supervisor and programme team.</p> <p>Assessment tasks will include oral and poster presentations as well as reflective writing.</p> <p>Other assessment types may be used depending on choice of optional modules from the home academic school for the PhD.</p>

25. Programme Structure, progression and award requirements

Programme structures and features: levels, assessment blocks, credit and 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.

Level 5	
Compulsory assessment block codes, titles and credit	Optional assessment block codes, titles and credits
Compulsory study block codes, titles and credit volume	Optional Study block codes, titles and credit volume

Compulsory modular block codes, titles and credits	Optional modular block codes, titles and credits
<p>GS5525 Theory and Practice in Research (15 credits)</p> <p>GS5530 Research Management, Leadership and Personal Development (15 credits)</p> <p>GS5528 Academic Research Dissemination (15 credits)</p> <p>GS5529 Knowledge Exchange and Research Impact (15 credits)</p> <p>GS5602 Research Methods and Legal Reasoning (30 credits)</p>	<p>Either</p> <p>GS5527 Research Design, Methods and Analysis [Behavioural Sciences] (30 credits)</p> <p>OR:</p> <p>GS5531 [Physical Sciences) version (30 credits)</p> <p>And a total of 30 credits from the following:</p> <p>Level 5 modules available in the home Department/Discipline;</p> <p>GS5526 Guided Study (30 credits);</p>

Level 6 Progression and Award Requirements

As per Senate Regulation 3 (September 2013 onwards):

<http://www.brunel.ac.uk/about/administration/university-rules-and-regulations/senate-regulations/sr3-2013-onwards>

Thesis Element – Assessment by thesis and viva voce examination

As per Senate Regulation 5 <http://dev.brunel.ac.uk/about/administration/university-rules-and-regulations/senate-regulations/research-degrees>

Progression requirements and award of PhD vary from Senate Regulation 5 – students on the programme will undertake their first major review of progress at 12 months.

In the event a student fails to meet the requirements of PG Dip, they will not be permitted to submit their thesis for examination.

The PhD and Postgraduate Diploma will be awarded as two separate awards once the student has successfully passed the viva voce examination and met all requirements for the PG Dip.