

Programme Specification for Postgraduate Programme Leading to: MSc Neurorehabilitation

Applicable for all postgraduate students starting on or after 1st September 2019

Version No.	Date	Notes – QA USE ONLY	QA
1	June 2019	New Programme Specification created for 2019/20.	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 and Life Sciences, Department of Clinical Sciences, Biosciences, Division of Physiotherapy and Physician Associate.
4. Contributing college/department/division/associated institution	None
5. Programme accredited by	
6. Final award(s) and FHEQ Level of Award	MSc Neurorehabilitation (FHEQ Level 7)
7. Programme title	MSc Neurorehabilitation
8. Programme type (single honours/joint)	N/A
9. Normal length of programme (in months) for each mode of study	Full Time 12 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
12. Modes of study	Full Time
13. Modes of delivery	Standard
14. Intermediate awards and titles and FHEQ Level of Award	Postgraduate Certificate in Neurorehabilitation (FHEQ Level 7) Postgraduate Diploma in Neurorehabilitation (FHEQ Level 7)
15. UCAS Code	N/A
16. HECoS Code	101290 (Neurological Rehabilitation)
17. Route Code	B900PNEUR
18. Relevant subject benchmark statements and other external and internal reference points used to inform programme design	<p>QAA UK Quality Code for Higher Education</p> <p>QAA Benchmark Statement (Healthcare Professions: Physiotherapy)</p> <p>Brunel 2030</p> <p>Brunel Placement Learning Policy, as published under the 'Placements' section of the Managing Higher Education Provision with Others page.</p> <p>NHS Knowledge and Skills Framework</p> <p>National Institute for Clinical Effectiveness (NICE) Guidelines</p>
19. Admission Requirements	<p>Details of PGT entry requirements are provided on the University's and College website.</p> <p>Levels of English for non-native speakers are outlined on Brunel</p>

	International's language requirements pages. http://www.brunel.ac.uk/courses/postgraduate/neurorehabilitation-msc
20. Other relevant information (e.g. study abroad, additional information on placements)	Optional – post-registration, clinical experience in neurorehabilitation
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.	None
22. Further information about the programme is available from the College website.	http://www.brunel.ac.uk/courses/postgraduate/neurorehabilitation-msc

23. EDUCATIONAL AIMS OF THE PROGRAMME

To provide the opportunity for students to explore the interaction between theory and practice in relation to concepts and principles of therapy in the clinical area of rehabilitation of neurological patients.

To provide the opportunity for students to reflect on their own clinical practice in light of research evidence.

To facilitate the development of the evaluative and reflective practitioner.

To develop the therapist's ability to take personal responsibility for continuing professional development, consistent with the profession's code of conduct and standards of practice.

To provide an opportunity for students to consider the broader neuroscientific research contexts within which they provide management and rehabilitation and examine its impact of rehabilitative practice.

To facilitate the development of transferable skills which will enhance standards of practice and personal development

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)
7						
7	K*	Knowledge and understanding of current research and theoretical concepts of neuroscience and its application to practice.				HH55017 HH55018 HH55020
	K	Knowledge and understanding of treatment(s) used in neurorehabilitation and scientific basis in neuroscience.				HH55017 HH55018
	K*	Knowledge and understanding of research /evidence based approach				HH5609 HH55019

Masters

		to therapy and its evaluation.				HH55020 HH55020
	K*	Knowledge and understanding of current theoretical and practical research developments in the chosen area of work.				HH55020 HH55021
	C*	Apply a critical and analytical approach to the principles and practice of therapeutic and patient management.				HH55020 HH55019 HH55021
	C*	Critically analyse current rehabilitation concepts in relation to their clinical application.				HH55019 HH55020 HH55021
	C*	Collect and analyse a range of evidence and examine a particular issue through independent enquiry.				HH55017 HH55018 HH55019 HH55020 HH55021 HH55022
	C*	Critically reflect on individual clinical practice and application of evidence.				HH55019 HH55020 HH55021
	S*	Communicate advanced ideas, principles and theories with effectiveness to a variety of audiences in a range of written, visual and verbal formats.				HH55017 HH55018 HH55020 HH55021
	S*	Efficiently collect (primary and secondary) data and to critically appraise that data using appropriate techniques.				HH55017 HH55018 HH55019 HH55020 HH5618
	S*	Use electronic and manual methods of literature search in the process of reviewing the work available in a given area.				HH55017 HH55018 HH55020 HH55021 HH55022 HH5618
	S*	Work effectively as part of a team, showing an ability to recognise and respect the views of others whilst achieving common objectives.				HH55017 HH55020 HH55021
	S*	Develop skills in independent study, time management and organisational skills to support continuing				All modules

		professional development and life long learning.				
	S*	Reflect on the process of learning and evaluate personal strengths and areas for development.				HH55020 HH55022
	S	Undertake an independent research project to achieve consistent, proficient and sustained attainment.	HH5618			

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

The programme aims to take the student beyond broad knowledge base required for undergraduate level towards a more focused and in-depth understanding of neurorehabilitation required for post-graduate level. Key lectures around a topic will be given and raise issues for further exploration by students. Seminar discussion and formative presentations by students will be used to allow students to further explore key aspects of knowledge in the area. Workshops are used to offer practical engagement with taught material. Laboratory practicals will also be undertaken in one of the modules for familiarization with techniques used in the research of human movement and neurorehabilitation. Tutorials will also be provided (both in group and individual format) supporting library-based independent learning and providing guidance in key skills such as oral presentation, written presentation and the research process. Formative work aims to provide further development of critical reading and writing skills.

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

Written essays will provide a testing ground for the student to demonstrate understanding of the complex links between the neurosciences, the research evidence base and clinical application to neurorehabilitation. The laboratory report in one of the modules (HH55017) will assess the student's proficiency in collecting, explaining and critically analysing data. Oral presentation will assess the student's ability to synthesise, summarise and interpret scientific data and determine its relevance to clinical application. Examinations will assess knowledge and application of research methodologies and critically assess evidence based literature in neurorehabilitation. The research proposal will assess the student's ability to develop the dissertation research project. The final assessment exercise is the dissertation (60 credits) which provides the main opportunity for the student to demonstrate planning, critically reviewing, conducting and communicating the findings of the research project and its relevance to neurorehabilitation.

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.

FHEQ Level 7	
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 <u>MSc Full time mode of study</u> HH55017 Neurophysiological Basis for Rehabilitation of Movement 15 credits HH55018 Functional Neuroscience for Rehabilitation 15 credits HH5609 Approaches to Research 15 credits HH55019 Principles and Practice of Evidence Based Health care 15 credits HH55020 Clinical Applications in Neurorehabilitation 30 credits HH55021 Cognitive and behavioural issues in neurorehabilitation 15 credits HH55022 Research Design 15 credits HH5618 MSc Dissertation 60 credits (Core)	Optional modular block codes, titles and credits
FHEQ Level 7 Progression and Award Requirements As per Senate Regulation 3 PGDip may not be awarded by substitution of the dissertation (HH5618) for module blocks in the taught part of the programme. The learning outcomes for the PGDip award are indicated above by * and are a subset of the MSc learning outcomes.	

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.