



**UNIVERSITY OF  
PLYMOUTH**  
Faculty of Health and  
Human Sciences

## **University of Plymouth**

Faculty of Health and Human Sciences

School of Health Professions

## **Pathway Specification**

Postgraduate Certificate  
Postgraduate diploma  
Master of Science

In

**Advanced Professional Practice in Neurological Rehabilitation**

A handwritten signature in black ink, appearing to read 'A. Helmer'.

Updated following Minor change for implementation 2019-20

Date of Approval:	4 <sup>th</sup> February 2016
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Year of first award:	Sept 2017





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## 1. MSc Advanced Professional Practice in Neurological Rehabilitation

### Final award title

**MSc Advanced Professional Practice in Neurological Rehabilitation**

### Level 7 Intermediate award title(s)

Postgraduate Diploma (PgDip)

Advanced Professional Practice in Neurological Rehabilitation

### Level 7 Intermediate award title(s)

Post Graduate Certificate (PgCert)

Advanced Professional Practice in Neurological Rehabilitation

### Level 7 Intermediate award title(s)

*(Exit Award only for students who fail the first core module)*

Post Graduate Certificate (PgCert) Advanced Professional Development

**UCAS code** N/A

**JACS code** N/A

2. **Awarding Institution:** University of Plymouth

**Teaching institution(s):** University of Plymouth

3. **Accrediting body(ies):** Not Applicable

## 4. Distinctive Features of the Pathway and the Student Experience

The Neurological Rehabilitation pathway is a successful interprofessional pathway which was established in 2008. It has proved a successful flexible pathway offering CPD options as well as a range of awards. This pathway attracts students from a diversity of backgrounds, including: Physiotherapists, Occupational Therapists, Nurses and other relevant health professionals. The pathway attracts students from local, national and international backgrounds in part due to the blended nature of the delivery using intensive blocks.

This pathway offers an innovative approach to gaining specialist and advanced knowledge alongside practical skill acquisition. The 'cutting edge' curriculum has been developed through an expert collaboration of University of Plymouth academics in conjunction with clinical specialists working in Neurological Rehabilitation. The up-to-date syllabus intends to meet and exceed tomorrow's, as well as today's, workforce needs. An ongoing dialogue with students, employers and commissioners ensures that the curriculum remains fit for practice in both clinical and academic arenas.

The teaching team have international, national and local research collaborations and regularly publish and present on topics in this area. Peer reviewed publications include Archives of Physical Medicine and Rehabilitation, Clinical Rehabilitation, Multiple Sclerosis which demonstrates the high impact of students' research. Service delivery presentations from undertaking Advancing the Management of Long Term Conditions have resulted in commissions in the UK and Ireland to develop services in stroke rehabilitation. One student's service delivery proposal related to early supported discharge services for people with stroke has been recognised with national awards including the Advancing Healthcare Award and the Care Integration Award 2014. The teaching team also support PhD students offering progression from this MSc which has been seen with current students. One graduate from this pathway has recently been awarded a prestigious NIHR clinical fellowship to undertake PhD studies in stroke rehabilitation. Graduates from this MSc pathway take leading roles in their area of practice and some have progressed to academic positions at University of Plymouth and wider in the UK.

The Neurological Rehabilitation pathway adds to and complements the range of MSc pathways offered as part of the MSc Advanced Professional Practice (Health and Social Care Professions) programme in the School of Health Professions and adds to the postgraduate offer across the Faculty. The APP (Health and Social Care Professions) programme sits within the School of Health Professions and the School of Health Professions lies within the Faculty of Health and Human Sciences in University of Plymouth.

Delivery is through the School of Health Professions, at the Peninsula Allied Health Centre within the northern University of Plymouth campus, which provides excellent clinical skills facilities for simulation and practical skill acquisition.

Other distinctive features of the pathway and the student experience are:

- Taught by a research active team with international, national and local profiles in this area who support students to develop their research questions;
- Assessment strategy designed to link to students' workplace to increase application to practice e.g. service delivery plans, action planning, case studies;
- Cutting edge skills acquisition with access to Human Movement and Function Laboratory and incorporation of practical sessions involving service users;
- Use of blended learning as a mode of delivery incorporating study blocks and distance learning technologies;
- Flexible study pathways allowing students to study at their own pace from full time to part time;
- Support to publish and present dissertation work where appropriate in peer reviewed journals and at national and international locations;
- Specialist collaborations with clinical specialists in practice for highly specialist skill acquisition for example Injection Therapy (Botulinum Toxin);
- Opportunities to develop skills in service development and evaluation to lead change in individual's area of practice;
- Opportunities to develop extended scope clinical reasoning, assessment and management skills;
- Support to reflect and develop as a leader in this specialist area;
- Support for applications to progress to PhD level study and opportunities to engage with PhD students working on neurological rehabilitation studies.

## **5. Relevant QAA Subject Benchmark Group(s)**

The pathway is informed by the Quality Assurance Agency (QAA) Masters Degree Characteristics Framework for higher education qualifications in England, Wales and Northern Ireland (2010)

<http://www.qaa.ac.uk/en/Publications/Documents/Masters-degree-characteristics.pdf>

SEEC Level Descriptors (2010). [www.seec.org.uk/academic-credit/seec-credit-level-descriptors-2010](http://www.seec.org.uk/academic-credit/seec-credit-level-descriptors-2010)



## 6. Pathway Structure

The MSc Advanced Professional Practice in Neurological Rehabilitation pathway offers the awards of Postgraduate Certificate, Postgraduate Diploma or Master of Science degree. The full time route will normally take one year and the part time route will normally take three years. The maximum registration period for the full time registrant is three years and 5 years for the part time student.

The pathway has the following core modules:

- Applying Evidence to Practice
- Project Design for Research
- Research Dissertation

All are 20 credits apart from dissertation, which is 60 credits. Total Core 100 credits.

Students will select at least 3 Pathway Specific modules from the list below to achieve the award Neurological Rehabilitation:

ADV768 Clinical Assessment and Management in Neurology

ADV735 Advancing the Management of Long Term Conditions

ADV710 Pathomechanics and Rehabilitation of Gait and Balance

ADV739 Rehabilitation: Cognition, Perception and Behaviour

ADV708 Injection Therapy for Health Professionals (Botulinum Toxin)

An additional optional module can be selected from the above or from across the range of modules offered by the School of Health Professions or wider in the Faculty. Students will complete their Project Design for Research module and the Research Dissertation in an area related to the award title; for this pathway it will be aligned to an area of neurological rehabilitation.

Students will discuss their choice of modules with their pathway lead and personal tutor to ensure that their selection is appropriate for their chosen award title.

Students will also discuss their proposed timeline with their pathway lead and personal tutor and this will be reviewed at regular points in line with the personal tutor guide. Students will be advised that optional modules are subject to minimum numbers and are advised to check with the Professional Development Unit to confirm that the module will be running two months prior to the proposed delivery dates.

## Full time study

Year	Modules (and Credits)	Semester 1	Semester 2
1	Applying Evidence to Practice (20)		
	Pathway Specific 1		
	Pathway Specific 2		
	Pathway Specific 3		
	Optional Module		
	Project Design for Research (20)		
	Research Dissertation (60)		

## Part Time study (example of a 3 year route)

Year	Modules (and Credits)	Semester 1	Semester 2
1	Applying Evidence to Practice (20)		
	Pathway Specific 1		
	Pathway Specific 2		
2	Pathway Specific 3		
	Optional		
	Project Design for Research (20)		
3	Research Dissertation (60)		

## 7. Distance learning

A number of our modules have been developed to provide options for our students to undertake the module for distance learning to allow a more flexible approach for those undertaking study whilst working. Students may take up to 60 credits via distance learning on this pathway.

For international students on a tier 4 visa in order to comply with the regulations of the Visa the following arrangements need to be agreed

- Where a module is offered by face-to-face delivery as well as distance the student must attend the classroom sessions
- Where a module has a distance only option the student may select this module and a room will be arranged for them to physically attend in the presence of lecturers delivering the module

## 8. Pathway Aims

The aim of the pathway is to equip professionals with skills that advance practice by:

- The understanding, thinking, questioning and reasoning skills of health professionals in order to enhance their efficiency, effectiveness and creativity

in professional practice in neurological rehabilitation;

- Developing theoretical knowledge underpinning neurological rehabilitation practice and clinical skills where relevant;
- Critically reviewing trends in theory, practice and management and applying this to management of people with neurological conditions;
- Develop critical awareness of the contemporary issues influencing the organisation and delivery of services and to appraise and apply changes in health and social care practice of neurological rehabilitation;
- Promote an understanding of philosophy and procedures involved in research and use of evidence to develop a research project related to neurological rehabilitation practice;
- Develop and apply research skills in a research project aligned to neurological rehabilitation.

## **Pathway Intended Learning Outcomes**

### **8.1. Knowledge and understanding**

On successful completion graduates should have developed:

1. A deep, comprehensive and systematic understanding in key aspects of neurological rehabilitation;
2. An understanding of international, national and local policies and guidelines informing practice in this area;
3. An ability to apply knowledge and skills to their individual area of practice to lead and develop services;
4. A critical and systematic understanding of the aetiology, physiology and pathophysiology of neurological conditions and their management;
5. Advanced clinical assessment and management skills including advanced clinical skills where appropriate;
6. A critical and systematic understanding of decision making theory used to make clinical decisions in neurological rehabilitation practice;
7. A critical and systematic understanding of the clinical research process from project development through to implementation including critical review of evidence.

### **8.2. Cognitive and intellectual skills**

On successful completion graduates should have developed ability to:

1. Flexibly and creatively relate their advanced knowledge base, skills and professional behaviour to the area of Neurological Rehabilitation;
2. Use personal reflection to analyse self and own actions, through a critical thinking, problem solving, enquiry based approach and be able to influence and implement change;
3. Critically evaluate the competencies and components required for safe, efficient and ethical neurological rehabilitation practice;
4. Autonomously formulate, propose and justify advanced assessment management plans for a wide range of neurological conditions using an impairment, activity and participation based approach;
5. Critically evaluate evidence based research in order to apply it appropriately to the domain of neurological rehabilitation;
6. Design and conduct a research project from conception to implementation addressing a relevant area of neurological rehabilitation practice, through the

selection of appropriate advanced methodological approaches and critical evaluation of the effectiveness;

7. Demonstrate leadership qualities to allow the sharing of best practice in neurological rehabilitation.

### **8.3. Key and transferable skills**

On successful completion graduates should have developed the ability to:

1. Critically evaluate information from and about people with neurological conditions in order to determine timely interventions and appropriate care pathways;
2. Critically apply ethical and legal judgements within complex clinical decision making scenarios;
3. Critically apply contemporary policy and guidelines in relation to their neurological rehabilitation practice;
4. Formulate a clinical research question, design a study and undertake a substantial investigation into their area of practice;
5. Systematically and critically review databases using appropriate search terms relevant to the clinical question under investigation;
6. Undertake and critically evaluate data collection using qualitative and quantitative methods as appropriate;
7. Write up research findings, using a high level of abstraction and employ a high standard of academic fidelity appropriate for publication.

### **8.4. Employment related skills**

On successful completion graduates should have developed:

1. Advanced communication skills to liaise with the multi-professional team involved in the management of people with neurological conditions;
2. An ability to systematically review the evidence base for assessment or management of people with neurological conditions;
3. Ability to critically apply knowledge and skills to an individual area of practice;
4. Critical application of the principles and practices of Clinical Governance;
5. A problem solving approach to the management of people with neurological conditions based on critical reflection, appraisal and application of evidence;
6. The ability to write clinical research questions and to design a research project to be carried out in their individual area of practice.

## **8.5. Practical skills**

On successful completion graduates should have developed the ability to:

1. Autonomously perform advanced assessment and interventions which promote safe and effective patient management with people with neurological conditions;
2. Demonstrate exemplary communication and leadership qualities when working within a multidisciplinary environment;
3. Use critical personal reflection to problem solve the critical application of skills in a problem solving approach based on the impairment, activity and participation framework;
4. Effectively maintain their own development, through identifying, evaluating and maintaining capabilities and qualities to support effective working within their role.

## **9. Admissions Criteria, including APCL, APEL and DAS arrangements**

In order to commence this pathway, the student must meet the University's entry requirements for study at postgraduate level. Applicants will need to be employed as a Healthcare professional and be registered with a relevant professional body (HCPC; GMC; NMC). Candidates should normally have a first degree; BSc (Hons) at 2.2 or above will be considered or European first cycle equivalent. Applicants will hold a first degree in a related academic area to the award title. People with a diploma are eligible to apply, provided they can demonstrate a successful qualification at level 6 learning or complete an upgrade assignment. There is a bridging module available within the School of Health Professions for this purpose.

Applicants whose first language is not English, must also provide evidence of competence in written and spoken English of IELTS average of 6.5, with a minimum of 5.5 in each part.

Each potential student will be assessed individually for their ability to study at this level and an interview will normally be required. Candidates will normally be required to submit a short piece of writing as part of the admissions process.

All applications will be to the Professional Development Unit and the final decision of whether a student is accepted to a programme of study rests with the pathway lead for University of Plymouth.

**APL (including APEL and APCL):**

Claims for credit of prior learning, whether certificated or experiential, are accepted and will be assessed following university regulations and faculty procedures. APL is not accepted against ADV715 and ADV716 because of the requirement to undertake their dissertation with a project supervisor at University of Plymouth. Therefore the maximum at APL to this pathway is 100 credits.

**European Credit Transfer and Accumulation System (ECTS):**

This pathway is equivalent to 90 ECTS credits (second cycle) with 30 ECTS credits at post graduate certificate, 60 credits at postgraduate diploma and 90 credits at Masters degree. Each 20 credit module has the equivalent of 10 ECTS credits and assumes a notional student effort of between 200-300 hours.

**10. Progression criteria for Final and Intermediate Awards**

**Postgraduate certificate:** 60 credits: Three 20 credit modules are required: Core module Applying Evidence to Practice (20); and two pathway specific modules (40)

**Postgraduate Diploma:** 120 credits: Two 20 credit core modules Applying Evidence to Practice (20) and Project Design for Research (20) + three pathway specific modules (60) + one optional module (20)

**Master of Science:** 180 credits: Two 20 credit core modules Applying Evidence to Practice (20) and Project Design for Research (20) + three pathway specific modules (60) + one optional module (20) + 60 credit Research Dissertation.

Successful completion of this pathway does not lead to eligibility to apply for registration with the Health and Care Professions Council.

## **11. Exceptions to Regulations**

Normal University of Plymouth Regulations will apply to this pathway and award

### **Disability Assist Services**

This pathway is designed to enable students through an equitable experience. We work collegiately with expert colleagues in Disability Assist (within the Learning Gateway) to ensure students receive timely advice on the support available.

Students can declare a support requirement or disability – via the Disclosure for applicants' pages.

## **12. Transitional Arrangements**

This is a development of an existing pathway. Current students who have not yet undertaken LDR503 Developing Self and Others will be given the option not to take this and to undertake the new approved pathway structure. Students will be given a 2 year period (2016/2017 and 2017/2018 to end summer 2018) if they wish to continue with the previous pathway structure in order to allow them to complete their award.



### 13. Mapping

#### 13.1. ILO's against Modules Mapping

Pathway Intended Learning Outcomes	Module	Module Learning Outcomes
<b>Knowledge and understanding</b>		
A deep, comprehensive and systematic understanding in key aspects of neurological rehabilitation.	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	3 1 1, 2, 3, 4, 5 1,4 1,2,3,4,5 1,2,3,4,5 1,2,3,4
An understanding of international, national and local policies and guidelines informing practice in this area	ADV702 Applying Evidence to Practice ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	3 3, 4, 5 3,4 3,4,5 3,4,5 1,2,3,4

Advanced clinical assessment and management skills including advanced clinical skills where appropriate	ADV702 Applying Evidence to Practice ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	3,4 2, 4, 5 1,2,3,4,5 1,2,3,4,5 1,2,3,4,5 3,4
A critical and systematic understanding of decision making theory used to make clinical decisions in neurological rehabilitation practice.	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV716 Research Dissertation ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV735 Advancing the Management of Long Term Conditions	3, 4 1,2,3,4,5 2,3,4 3, 4, 5 2,3,4,5 3,4 1,2,3,4
A critical and systematic understanding of the clinical research process from project development through to implementation including critical review of evidence	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV716 Research Dissertation ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	1, 2, 3,4 1,2,3,4,5, 1,2,3,4 1,3 2,5 1,3 1,2,3,4

Cognitive and intellectual skills		
Flexibly and creatively relate their advanced knowledge base, skills and professional behaviour to the area of Neurological Rehabilitation	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	3 1 3, 4, 5 1,2,3,4,5 4,5 1,2,3,4,5 1,2,3,4
Use personal reflection to analyse self and own actions, through a critical thinking, problem solving, enquiry based approach and be able to influence and implement change.	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV716 Research Dissertation ADV768 Clinical Assessment and Management in Neurology ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV735 Advancing the Management of Long Term Conditions	4 1,5 4 3, 4, 5 5 1,2,3,4
Critically evaluate the competencies and components required for safe, efficient and ethical neurological rehabilitation practice.	ADV715 Project Design for Research ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour	4 3, 4, 5 1,2,3,4,5 3 1,2,3,4,5

Autonomously formulate, propose and justify advanced assessment management plans for a wide range of neurological conditions using an impairment, activity and participation based approach	ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour	2, 3, 4, 5 2,3  2,3,4,5 1,2,3,4,5
Critically evaluate evidence based research in order to apply it appropriately to the domain of neurological rehabilitation	ADV702 Applying Evidence to Practice ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	1,2,3,4 1, 2, 4, 5 3  2,5 1,3 1,2,3,4
Design and conduct a research project from conception to implementation addressing a relevant area of practice, through the selection of appropriate advanced methodological approaches and critical evaluation of the effectiveness	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV716 Research Dissertation	2 1,2,3,4,5 1,2,3,4

Demonstrate leadership qualities to allow the sharing of best practice within neurological rehabilitation	ADV702 Applying Evidence to Practice ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	4 5 5 4
Key and transferable skills		
Critically evaluate information from and about people with neurological conditions in order to determine timely interventions and appropriate care pathways.	ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	1,2,3,4,5 1,2 1,2,3,4,5 1,2,3,4,5 1,2,3,4
Critically apply ethical and legal judgements within complex clinical decision making scenarios	ADV715 Project Design for Research ADV716 Research Dissertation ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV739 Rehabilitation: Cognition, Perception and Behaviour	4 2 3, 4, 5 1,2,3,4,5 3

Critically apply contemporary policy and guidelines in relation to their professional practice	ADV702 Applying Evidence to Practice ADV768 Clinical Assessment and Management in Neurology ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	1,2,3,4, 2, 3, 4, 5 3,4,5 1,2,3,4
Formulate a clinical research question, design a study and undertake a substantial investigation into their area of practice.	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV716 Research Dissertation	2 1,2,3,4,5, 1,2,3,4,
Systematically and critically review databases using appropriate search terms relevant to the clinical question under investigation	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV716 Research Dissertation ADV768 Clinical Assessment and Management in Neurology	2 1,2, 1 1, 2, 5
Undertake and critically evaluate data collection using qualitative and quantitative methods as appropriate	ADV715 Project Design for Research ADV716 Research Dissertation	1,2,3,4,5 1,2,3,4
Write up research findings, using a high level of abstraction and employ a high standard of academic fidelity appropriate for publication.	ADV715 Project Design for Research ADV716 Research Dissertation	1,2,3,4,5 1,2,3,4

Employment related skills		
Advanced communication skills to liaise with the multi-professional team involved in the management of people with neurological conditions	ADV715 Project Design for Research ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	5 3,4,5 1,2,3 3,5 3,4,5 2,4
An ability to systematically review the evidence base for assessment or management of people with neurological conditions	ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	1, 2, 3, 4, 5 2,3,4, 1,2,4,5 1,2,3,4,5 1,2,3,4
Ability to critically apply knowledge and skills to an individual area of practice	ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	1,2,3,4,5 1,2,3,4,5 5 1,2,3,4,5 1,2,3,4

Critical application of the principles and practices of Clinical Governance	ADV768 Clinical Assessment and Management in Neurology ADV715 Project Design for Research ADV716 Research Dissertation ADV708 Injection Therapy for Health Professionals (Botulinum Toxin)	3, 4, 5 4 3,4 3,4
A problem solving approach to the management of people with neurological conditions based on critical reflection, appraisal and application of evidence	ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour ADV735 Advancing the Management of Long Term Conditions	2,3,4,5 2,3 1,2,3,4,5 1,2,3,4,5 1,2,3,4
The ability to write clinical research questions and to design a research project to be carried out in their individual area of practice	ADV702 Applying Evidence to Practice ADV715 Project Design for Research ADV716 Research Dissertation	1, 2,3,4 1,2,5 1,2,3,4
<b>Practical skills</b>		
Autonomously perform advanced assessment and interventions which promote safe and effective patient management with people with neurological conditions.	ADV768 Clinical Assessment and Management in Neurology ADV708 Injection Therapy for Health Professionals (Botulinum Toxin) ADV710 Pathomechanics and Rehabilitation of Gait and Balance ADV739 Rehabilitation: Cognition, Perception and Behaviour	2,3,4,5 1,2,3,4,5 1,2,3,4,5 1,2,3,4,5



<p>Demonstrate exemplary communication and leadership qualities when working within a multidisciplinary environment</p>	<p>ADV768 Clinical Assessment and Management in Neurology  ADV708 Injection Therapy for Health Professionals (Botulinum Toxin)  ADV710 Pathomechanics and Rehabilitation of Gait and Balance  ADV739 Rehabilitation: Cognition, Perception and Behaviour  ADV735 Advancing the Management of Long Term Conditions</p>	<p>2,3,4,5  2,3,4,5  5  5  4</p>
<p>Use critical personal reflection to problem solve the critical application of skills in a problem solving approach based on the impairment, activity and participation framework</p>	<p>ADV768 Clinical Assessment and Management in Neurology  ADV708 Injection Therapy for Health Professionals (Botulinum Toxin)  ADV710 Pathomechanics and Rehabilitation of Gait and Balance  ADV735 Advancing the Management of Long Term Conditions  ADV739 Rehabilitation Cognition, Perception, Behaviour</p>	<p>2,3,4,5  3,4,5  5  1,2,3,4  1,2,3,4,5</p>
<p>Effectively maintain their own development, through identifying, evaluating and maintaining capabilities and qualities to support effective working within their role.</p>	<p>ADV768 Clinical Assessment and Management in Neurology  ADV710 Pathomechanics and Rehabilitation of Gait and Balance  ADV739 Rehabilitation: Cognition, Perception and Behaviour  ADV735 Advancing the Management of Long Term Conditions  ADV708 Injection Therapy for Health Professionals (Botulinum Toxin)</p>	<p>5  5  5  5  5</p>

### 13.2. Assessment against Modules Mapping

Module	Credit	Formative Assessment	Summative
<b>CORE MODULES</b>			
ADV702 Applying Evidence to Practice	20	Written submission of A4 plan and paragraph	Critical appraisal and implementation report
ADV715 Project Design for Research	20	Presentation to peers on research proposal	Research proposal suitable for submission for ethical review Critical review of proposed study design and methodology in the context of contemporary research in the chosen area.
ADV716 Research Dissertation	60	Formative presentation of dissertation, with peer and tutor feedback.	Dissertation report (12,000-15,000 words)
<b>PATHWAY SPECIFIC MODULES</b>			
ADV768 Clinical Assessment and Management in Neurology	20	Written submission of A4 plan and paragraph	Written assignment critically evaluating applied management and assessment
ADV708 Injection Therapy for Health Professionals (Botulinum Toxin)	20	Tutor feedback for OSCE in practical sessions. Written submission of A4 plan and paragraph	OSCE evaluating competence in injection therapy Body of Evidence for one injection Pass/ Fail record of 10 injections in practice, signed off by mentor
ADV710 Pathomechanics and Rehabilitation of Gait and Balance	20	Written submission of A4 plan and paragraph	Written assignment related to applied assessment and management of gait/ balance

ADV739 Rehabilitation: Cognition, Perception and Behaviour	20	Formative on viva presentation plan and written assignment plan and 1 paragraph	<p>Viva presentation with questions on a case study of a person(s) with cognitive, perceptual or behavioural issues</p> <p>Written assignment. Critical analysis of the assessment and/or management of a case study</p>
ADV735 Advancing the Management of Long Term Conditions	20	Written submission of A4 plan and paragraph	Service Delivery Proposal

### **13.3 Exit award PgCert Advanced Professional Development Intended Learning Outcomes**

#### **Knowledge and understanding**

On successful completion graduates should have developed:

8. A deep, comprehensive and systematic understanding in key aspects of professional practice;
9. An understanding of international, national and local policies and guidelines informing their practice area;
10. An ability to apply knowledge and skills to their individual area of practice

#### **Cognitive and intellectual skills**

On successful completion graduates should have developed ability to:

8. Relate their advanced knowledge base, skills and professional behaviour to their own professional practice area;
9. Use personal reflection to analyse self and own actions, through a critical thinking, problem solving, enquiry based approach;
10. Critically discuss the competencies and components required for safe, efficient and ethical health and social care practice;

#### **Key and transferable skills**

On successful completion graduates should have developed the ability to:

8. Critically evaluate relevant information in their professional practice in order to determine timely interventions and appropriate care pathways;
9. Critically apply contemporary policy and guidelines in relation to their professional practice;
10. Systematically and critically review databases using appropriate search terms;

#### **Employment related skills**

On successful completion graduates should have developed:

7. Advanced communication skills required to liaise with the healthcare team involved in their own professional practice;
8. An ability to systematically review the evidence base within their own professional practice;
9. A problem solving approach to their area of professional practice based on critical reflection, appraisal and application of evidence;

#### **Practical skills**

On successful completion graduates should have developed the ability to:

5. Demonstrate advanced communication skills and application of these within a health and social care environment;
6. Use critical personal reflection to problem solve the critical application of skills in a problem solving approach;
7. Effectively maintain their own development, through identifying, evaluating and maintaining capabilities and qualities to support effective working within their role.

**Please note all modules below map directly to the above learning outcomes for  
PgCert Advanced Professional Development**

- ADV715 Project Design for Research
- ADV703 Occupation as the Focus of Contemporary Practice
- ADV708 Injection Therapy for Health Professionals (Botulinum Toxin)
- ADV709 Injection Therapy for Health Professionals (Corticosteroid)
- ADV710 Pathomechanics and Rehabilitation of Gait and Balance
- ADV739 Rehabilitation: Cognition, Perception and Behaviour
- ADV712 Supported Independent Study
- ADV740 Enhancing Practice in Chronic Pulmonary Conditions
- ADV741 Nutrition and Dietetics in Infancy and Childhood
- ADV742 Nutrition and Dietetics in Common Paediatric Disorders
- ADV743 Clinical Dietetics for Infants and Children
- ADV720 Dietetic Management of Inherited Metabolic Disorders (IMD)
- ADV744 Neonatal Nutrition
- ADV723 Advanced Practice with Children and Families
- ADV745 Working in the Professional Environment with Children and Families
- ADV746 Children, Young People and their Families and the Legal Process
- ADV726 Assessing Adult Learners In Their Practice
- ADV727 Supporting Adult Learners in Professional Practice Settings
- ADV728 Safeguarding Children
- ADV729 Critical Care Management - Airway, Breathing and Circulation
- ADV730 Critical Care Management - Neurological, Environmental and Special Patient Groups
- ADV731 Pre-hospital Critical Care Passport Competencies 1
- ADV732 Advanced Clinical Reasoning for the critical care patient
- ADV733 Retrieval and transfer of a critical care patient within special situations
- ADV734 Pre-hospital Critical Care Passport Competencies 2
- ADV735 Advancing the Management of Long Term Conditions
- ADV749 Dietetic Practice: Supported Study
- ADV750 Occupational Therapy Practice: Supported Study
- ADV751 Physiotherapy Practice: Supported Study
- ADV752 Social Work Practice: Supported Study
- ADV753 Assessing Adult Learners In Their Practice (Social Work)
- ADV754 Supporting Adult Learners in Professional Practice Settings (Social Work)
- ADV755 Application of Law and Policy in Safeguarding Adults
- ADV756 Advanced Critical Reflection, Risk and Decision Making
- ADV757 Advanced Practice in Safeguarding Adults
- ADV758 Supporting the Needs of the Frail Older Person
- ADV759 International Perspectives and Practice Requirements for Health and Social Care Practitioners
- ADV760 Participation for Children and Young People
- ADV761 Assessment and Management of Foot and Lower Limb Musculoskeletal Conditions
- ADV762 Recognition and Reduction of Risk to the Lower Limb in the Patient with Diabetes

- ADV763 Facilitating Collaborative Patient Management and Flow
- ADV764 Leading Professionals, Managing Aspirations for Self and Others
- ADV765 The Aging Person: Society, Body and Mind
- ADV766 Innovation in an ever changing marketplace- entrepreneurship for health and social care professionals
- ADV767 Advanced Clinical Reasoning in musculoskeletal conditions
- ADV768 Clinical Assessment and Management in Neurology