Course Specification

Course Summary Information		
1	**Course Title**	MSc in Advancing Practice in Peripheral Vascular Disease Post-Graduate Diploma in Advancing Practice in Peripheral Vascular Disease Post-Graduate Certificate in Advancing Practice in Peripheral Vascular Disease
2	**Course Code**	PT1714 (full-time) - MSc PT1715 (part-time) - MSc PT1800 (part-time) - PG Diploma PT1799 (part-time) - PG Certificate
3	**Awarding Institution**	Birmingham City University
4	**Teaching Institution(s)** (if different from point 3)	N/A
5	**Professional Statutory or Regulatory Body (PSRB) accreditation** (if applicable)	N/A

6	**Course Description**
	This newly designed course has been developed to meet the needs of interdisciplinary healthcare practitioners working in partnership with people in relation to peripheral vascular disease (PVD), which encompasses both arterial, venous and lymphatic diseases. This 100% online course aims to address the very significant challenges associated with PVD, providing a global perspective, whilst drawing upon existing expert knowledge and experience of working with international partners. The course team are dedicated and committed staff who are experts in the speciality and this course is a collaboration between Birmingham City University and the University Hospitals Birmingham NHS Foundation Trust Vascular Team. This innovative online course is designed to help students to gain a greater and advanced understanding of the complexities of diagnosing and managing peripheral vascular disease (PVD) and how best to support and enable effective individualised self-management and develop limb salvage. It is suitable for healthcare professionals including hospital-based doctors, specialist nurses and podiatrists, sonographers and specialist roles in other healthcare sectors. The primary aim of the course is to support and enable students to critically explore and analyse existing and developing theories and concepts that underpin PVD and will equip students to embrace a strategic leadership role in the development and delivery of efficient, innovative, evidence based PVD services. Students will develop a wide range of skills, learn about new and emerging evidence, advance their knowledge and practice and gain critical understanding in the management of peripheral vascular disease. Students will acquire knowledge to develop and improve clinical practice in the care of people at risk of or living with PVD across the age span. Through taking an evidence-based holistic approach to the provision and delivery of individualised PVD care.

	What's covered in the course? This course has been designed in close collaboration with clinical colleagues and blends theoretical approaches with practicalities of service development and person-centred care approaches. The international dimension and application of culturally appropriate surgical interventions in different environments and resources underpins this course. Through different modules, students will explore their employment situation, recognise the potential for excellence in practice-led care, extend and enhance their employability and extend their career progression. Students will also identify ways in which they can improve their practice and services in order to pioneer new interdisciplinary service developments. There will be a strong focus on relevance to practice, practice development, leadership, transformation and strategic planning. An important focus will be the development of higher levels of understanding with decision-making, critical analysis appraisal of evidence-based practice and clinical guidelines as a strong theme throughout the course. The programme will enable practitioners working in various aspects of care, with people either at risk of or living with PVD, to develop knowledge and skills in diagnosis and management. Students will develop analytical skills through interactive online learning opportunities so that they are able to critically examine practices within the context of the legislative and professional frameworks of their own countries. **Why Choose Us?** • This newly designed innovative course has been developed to meet the needs of interdisciplinary healthcare practitioners working in partnership with people living with PVD. • This course aims to address the global increase in the number of people both at risk of developing PVD and living with PVD, and the developments in care needed to support these people. • The course has a global perspective and draws upon existing expert knowledge and experience of working with national and international partners. This approach aligns with the vision of the University to learn from the best, with practice-based research supporting curriculum design whilst fostering an interdisciplinary approach to education in this field. The School of Nursing and Midwifery has a history of provision in healthcare and diabetes education previously with optional taught modules being available for practitioners in the region. This new course extends the reach of practice through online education to all multi-disciplinary and multi professional partners.

7	**Course Awards**		
7a	**Name of Final Award**	**Level**	**Credits Awarded**
	MSc in Advancing Practice in Peripheral Vascular Disease	7	180

7b	Exit Awards and Credits Awarded		
	PG Cert in Advancing Practice in Peripheral Vascular Disease	7	60
	PG Dip in Advancing Practice in Peripheral Vascular Disease	7	120

8	Variations from the University Academic Regulations
	This course has approved variations to the University's Academic Regulations. These can be accessed via the student contract page: https://www.bcu.ac.uk/student-info/student-contract.

9	Delivery Patterns			
Mode(s) of Study	**Location(s) of Study**	**Duration of Study**	**Code(s)**
MSc FT	Online	1 years	PT1714
MSc PT	Online	3 years	PT1715
PG Diploma – PT	Online	2 years	PT1800
PG Certificate – PT	Online	1 year	PT1799

10	Entry Requirements
	The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/.

11	Course Aims
	The course specifically aims to enable a range of healthcare professionals from across the world to share their experiences in the various areas of PVD, which encompasses both arterial, venous and lymphatic diseases, from different cultural perspectives to support students to reflect on their own experiences and gain a deeper insight into advanced PVD practice and leadership. The underpinning philosophy of the course will support the specialist student to blend together new learning with their existing knowledge and experience. Ultimately, the course aims to support the students to produce summative work that is highly relevant to their own professional practice and chosen clinical area to impact positively on PVD practice and service delivery.

12	Course Learning Outcomes
	Knowledge and Understanding:
1	Critically analyse age appropriate and population specific approaches to deliver and enhance culturally competent PVD management.
2	Synthesise knowledge and apply critical awareness of key attributes of evidence, research, leadership and education of available and new emerging evidence and technologies to develop PVD care.
3	Critically appraise practitioners' knowledge through erudite evidence-based approaches to support vascular knowledge gain and application in the practitioner's own area of practice.

4	Synthesise and explore internationalisation and application to the global increasing incidence and prevalence of PVD through erudite investigation of service development and sharing of excellence in vascular research and practice.
5	Decisively review the application and sustainability of quality improvement strategies in PVD.
	Skills and other attributes:
6	Apply reflectivity whilst developing competency and innovation in PVD care, building on existing knowledge and clinical skills development, ensuring critical analysis of practice in order to develop and deliver safe, effective and efficient individualised, age appropriate PVD management.
7	Evaluate individualised leadership skills, to act as a change agent in the ever-changing health care arena, including an understanding of professional values, integrity, and inclusivity in a work-based situation.
8	Critically appraise the evidence applied in relation to multi-professional partnership working to enable and support effective decision making for individualised plans of care with people with PVD.

13	**Level Learning Outcomes**
	Upon completion of the Postgraduate Certificate in Advancing Practice in Peripheral Vascular Disease, students will be able to demonstrate:
1	A comprehensive understanding of knowledge, skills, methods and techniques applicable to the field of peripheral vascular disease.
2	The ability to exercise initiative, personal responsibility and leadership in complex or unpredictable situations within the discipline.
	Upon completion of the Postgraduate Diploma in Advancing Practice in Peripheral Vascular Disease, students will be able to demonstrate:
1	A conceptual understanding that enables the student to evaluate critically current research and advanced scholarship in the field of peripheral vascular disease.
2	The ability to evaluate methodologies and develop critique of them, and where appropriate propose new hypotheses in the field of peripheral vascular disease.
3	The ability to continue to advance their knowledge and understanding and to develop new skills to a high level in the field of peripheral vascular disease.
	Upon completion of the Masters in Advancing Practice in Peripheral Vascular Disease, students will be able to demonstrate:
1	A systematic understanding of the key aspects of peripheral vascular disease, including acquisition of coherent and detailed knowledge, at least some of which is at, or informed by, the forefront of defined aspects of the discipline to advance practice.
2	Originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the discipline of peripheral vascular disease.
3	A conceptual understanding that enables the student to devise and sustain arguments, solve problems, make decisions and inform advances in practice.

14	Course Learning, Teaching and Assessment Strategy
	This section explains the learning and teaching approaches, activities and experiences that this course will offer; the range of assessments and types of feedback and feed forward you will encounter and explain how these will support continuous learning throughout the course and explain the expectations in this learning partnership. During the course students will experience a range of learning and teaching approaches delivered online in both a synchronous and an asynchronous manner. They will attend online lectures, discussion forums, small group discussions, simulations and chat facilities with their peers, visiting experts and members of the teaching team. These approaches recognise that students have different learning styles with some reacting best to the voice while others prefer the written word, therefore a range is offered to suit all needs. Students can access the learning materials via the University's Virtual Learning Environment – Moodle, Microsoft Teams and other means subject to the modules undertaken. In addition to the scheduled teaching, students will be given directed learning activities pre and/or post classroom activities and they will be expected to undertake any reading required e.g., access to policy documents or guidelines. They will also be expected to spend time on their own independent study to give them the opportunity to explore subjects in more depth in preparation for assessment activities. It is expected that students will fully engage with all of the resources available to them to maximise their learning opportunities. The library will play a key role in the learning journey and students will receive both written and verbal guidance regarding accessing and utilising library resources. In addition to the course leader students will be allocated a personal tutor who will be with them throughout their learning journey, an important resource and the person to go to if they have concerns, issues or anything that may impact on the successful completion of the course. Each of the modules is led by a module lead and students will be encouraged to discuss any specific issues regarding the module with them as required. They will brief students on the assessment/s associated with each module to ensure they are clear of the expectations for successful completion. Students will be exposed to a range of assessment tasks including written case histories, recorded presentations, course work, a quality improvement/service development project to name but some – each module has its own assessment and discussion will take place with the students to consider their specific modular choices, to ensure they select the most appropriate offering to balance the associated workload. The course leader, module lead and personal tutor are all available via e-mail, teams or by telephone. Students will be encouraged to remember that there is very little that is insurmountable and can provide the necessary support.

15	Course Requirements
15a	**Level 7:** In order to complete this course a student must successfully complete all the following CORE modules, totalling 110 or 130 credits. In addition to core modules, a total of either 50 or 70 credits from optional modules will also need to be completed. This will therefore ensure 180 credits is gained in total.

CORE MODULES		
Module Code	**Module Name**	**Credit Value**

LBR7660	Assessment and Management of Peripheral Vascular Disease	20
LBR7657	Evidence into Care	20
LBR7662	Leadership in Peripheral Vascular Disease	10
LBR7663	Principles of Limb Salvage	20
LBR7467 or LBR7337	MSc Dissertation	40 or 60

◊ a student must successfully complete one of the CORE MSc dissertation modules. The choice of this will be dependent on the optional modules taken (see below).

OPTIONAL MODULES		
Module Code	**Module Name**	**Credit Value**
LBR7659	Wound Healing and Tissue Repair	20
LBR7521	Debridement and Advanced Wound Care	20
LBR7530	Wounds Affecting the Lower Leg	20
LBR7527	Wound Care Theory and Practice	20
LBR7583	Pressure Ulcers: Prevention and Treatment	20
LBR7627	Prevention, Recognition and Management of Sepsis	20
LBR7566	Managing Behaviour of Self, Teams and Organisations (on-line)	20
LBR7658	Quality Improvement in Wound Healing and Tissue Repair	20
LBR7664	Psychological and Psycho-social Aspects of Peripheral Vascular Disease	10
LBR7661	Foot Care Complexities and Treatments in Diabetes and Peripheral Vascular Disease	10
LBR7586	Care and Prevention of Diabetes Related Complications	20
PHE7018	Safeguarding Contemporary Issues	20
LBR7505	Applied Leadership, Change Management and Innovation Theory	20
LBR7585	Coaching and Supervising in Healthcare	20
LBR7634	Obesity and Type 2 diabetes	20
LBR7594	Physical Activity management in Diabetes Care	10
LBR7526	Introduction to Palliative and End of Life Care	20
LBR7481	Recognition, Assessment and Physiological Interpretation of Deterioration (RAPID) - online	20
LBR7643	Writing for Academic Publication (online approved)	20

15b	Structure Diagram

All modules will be studied at Level 7: Full time (MSc completed in 1 year), Part time (MSc completed in 3 years)

PG Cert		PG Dip		MSc	
	Assessment and Management of Peripheral Vascular Disease (20 credits)		Assessment and Management of Peripheral Vascular Disease (20 credits)		Assessment and management of Peripheral Vascular Disease (20 credits)
	And		**And**		**And**
	Principles of Limb Salvage (20 credits)		Principles of Limb Salvage (20 credits)		Principles of Limb Salvage (20 credits)
	And		**And**		**And**
	Optional Module(s) (2x10 or 1x 20 credits)		Optional Module(s) (2x10 or 1x 20 credits)		Optional Module(s) (2x10 or 1x 20 credits)
			And		**And**
			Evidence into Care (20 credits)		Evidence into Care (20 credits)
			And		**And**
			Leadership in Peripheral Vascular Disease (10 credits)		Leadership in Peripheral Vascular Disease (10 credits)
			And **Optional 10 credit Module		And **Optional 10 credit Module
			And		**And**
			Optional 20 credit module		Optional 20 credit module
					And
					MSc Dissertation – 40 credits Or MSc Dissertation – 60 credits

Students who have successfully undertaken the NMC/HCPC registered Independent and Supplementary Prescribing for Nurses, Midwives, Dieticians, Podiatrists or Pharmacists may have these credits recognised. Individual mapping utilising University RPL processes will be undertaken to ascertain relevance of previous study.

This will result in students undertaking LBR7467 40 credit MSc dissertation

16	Overall Student Workload and Balance of Assessment

Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the optional modules selected, the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled Learning* includes lectures, practical classes and workshops, contact time specified in timetable
- *Directed Learning* includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning
- *Private Study* includes preparation for exams

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

Level 7
Workload

13% time spent in timetabled teaching and learning activity

Activity	Number of Hours per course (approximate)
Scheduled Learning	240*
Directed Learning	320*
Private Study	1240*
Total Hours	1800

*These figures provide an example; this will differ depending on the optional modules selected by students.

Balance of Assessment

Assessment Mode	Percentage
Coursework	85*
Exam	
In-Person	15*

*These figures provide an example; this will differ depending on the optional modules selected by students