

## Module Specification

### Module Summary Information

<b>1</b>	<b>Module Title</b>	Fundamentals of Neonatal Care
<b>2</b>	<b>Module Credits</b>	20
<b>3</b>	<b>Module Level</b>	Level 6
<b>4</b>	<b>Module Code</b>	LBR6667
<b>5</b>	<b>Semester Taught</b>	1,2,3

<b>6</b>	<b>Module Overview</b>
<p>This module will cover the fundamental aspects of neonatal care and will support the development of fundamental knowledge and skills for practice including the underpinning physiology. These post registration education pathways, in collaboration with service providers, allow for registered nurses working in neonatal units to become equipped with the specific knowledge and skills required to practice safely and effectively in this critical care area (BAPM, 2012). This module is also available to Registered Nurse Associates to develop their knowledge of fundamental neonatal care and conditions.</p> <p>This module is one of the optional modules that makes up the Neonatal Critical Care Pathway and is designed to work in unison with the other modules in this pathway, to provide a firm base for quality neonatal care. On successful completion of three modules, you will receive 60 academic credits and a named award in Neonatal Care. This module can also be studied as module only.</p> <p>This module aligns with the Professional Practice Programme philosophy and is designed to be flexible, and practice led. You will have the opportunity to develop skills of enquiry, reflection and problem solving. A blended learning approach is taken in line with the university's learning and teaching strategy. You will be encouraged to think critically and share practice experiences with your fellow students, as well as engaging in both directed and self-directed learning activities. You will be an active partner in your own learning and development and in return you will receive regular feedback and feedforward aimed at developing your academic skills and have the opportunity to discuss your progress with the module team.</p>	

7	Indicative Content
<p>This module will cover the fundamental aspects of neonatal care and will support the development of fundamental knowledge and skills for practice including the underpinning physiology. The content aligns with the Matching knowledge and skills for Qualified in Speciality (QIS) Neonatal Nurses: A core Syllabus for clinical competency (BAPM,2012).</p> <p>Basic Respiratory and cardiovascular management and physiology            Fluid electrolyte, nutrition and elimination management            Anatomy, physiology and function of the Liver            Neurological, pain and stress management            Thermoregulation, skin, hygiene and infection prevention management            Supporting the Family            Quality improvement            Introduction to ethical, legal and professional issues.</p>	

8		Module Learning Outcomes
<b>On successful completion of the module, students will be able to:</b>		
1	Utilising academic skills, retrieve and apply appropriate evidence and knowledge to demonstrate critical arguments required at level 6.	
2	Accurately discuss the physiology that underpins essential neonatal care.	
3	Critically examine the impact of holistic care on the neonate and family.	

9				Module Assessment
Learning Outcome Number <i>(from table 8)</i>	Coursework	Exam	In-Person	
1, 2, 3			100%	

10			Breakdown Learning and Teaching Activities
Learning Activities	Hours	Details of Duration, Frequency and other comments	
<b>Scheduled Learning (SL)</b> includes online lectures and workshops as specified in timetable	35	12 x 1.5-hour lectures. 6 x 2-hour lectures. 5 x 1-hour lectures / workshops.  Sessions will be delivered using a blended approach.	

<b>Directed Learning (DL)</b> includes placements, work-based learning, peer group learning external visits, on-line activity, Graduate+, peer learning, as directed on VLE	40	4-hours asynchronous online content engagement x 10.
<b>Private Study (PS)</b> includes preparation for exams	125	Regular engagement with MOODLE-based learning resources, literature searching, reading, critical thinking and applying this to completion of module summative assessment.
<b>Total Study Hours:</b>	200 hours	

<b>11</b>	<b>Key Texts and Online Learning Resources</b>
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No books are recommended as must-purchase titles, due to the individual nature of academic skill development, diversity of clinical backgrounds of students completing this module, and the well-resourced library. The following books/ articles/ reports are highly recommended and will be referred to throughout the module:

Blackburn S. T. (2018) Maternal, Fetal, & Neonatal Physiology: A Clinical Perspective. 5th Edition. Elsevier Saunders. Edinburgh.

Boxwell, G. (2019) Neonatal Intensive Care Nursing. 3rd Edition, Routledge. Oxford.

Gardner, S.L. Enzman-Hines, M.I. & Niermeyer, S. (2020) Manual of Neonatal Intensive Care. 9th Edition. Elsevier Health Sciences.

Mancini, A. Price, J. & Elliot, T. (2020) Neonatal Palliative Care for Nurses. Springer. New York.

McCance K. L and Heather S. E (2019) Pathophysiology: The Biologic Basis for Disease in Adults and Children. 8th Edition, Mosby Elsevier. Maryland Heights.

Petty, J. (2015) Bedside Guide for Neonatal Care. Palgrave. London.

### **Journals**

Archives of Disease in Childhood

British Journal of Midwifery

Infant

Journal of Neonatal Nursing

Journal of Obstetric, Gynaecologic and Neonatal Nursing

Neonatal Network

Paediatric Nursing

Seminars in Fetal and Neonatal Medicine

### **Websites**

[NICE | The National Institute for Health and Care Excellence](#)

[British Association of Perinatal Medicine | Home \(bapm.org\)](#)

[Home | Cochrane Neonatal](#)

[MBRRACE-UK: Mothers and Babies: Reducing Risk through Audits and Confidential Enquiries across the UK | NPEU \(ox.ac.uk\)](#)

[National Neonatal Audit Programme \(NNAP\) | RCPCH](#)