

Liverpool John Moores University

Title: The Fetus and Newborn Infant
Status: Definitive
Code: **4101MW** (128061)
Version Start Date: 01-08-2021

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 61
Total Learning Hours: 200 **Private Study:** 139

Delivery Options

Course typically offered: Semester 2 and Summer

Component	Contact Hours
Lecture	48
Tutorial	1
Workshop	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	portfolio	The portfolio will contain evidence that shows knowledge of the learning outcomes. This will comprise reflections, E-learning certificates and evidence of research undertaken.	100	

Aims

To enable the student to:

1. Consider and support the health and wellbeing of the fetus and newborn infant in the context of maternity care.
2. Demonstrate an ability to evaluate and interpret evidence and information, including qualitative and quantitative data, regarding the wellbeing of the fetus and newborn infant.

Learning Outcomes

After completing the module the student should be able to:

- 1 Discuss a range of maternity care practices and public health interventions that can improve the health of the mother, fetus and newborn infant.
- 2 Use of midwifery skills and knowledge of anatomy, physiology and epigenetics to support the transition of the fetus to extra-uterine life and demonstrate knowledge of optimal care of the newborn.
- 3 Discuss the importance of human milk and breastfeeding to public health and well-being, and demonstrate how to protect, promote and enable breastfeeding with the woman, her partner and family as well as supporting safe and responsive alternative feeding methods.
- 4 Explain the role of the midwife and of the multi professional team in the care of the fetus and neonate.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Portfolio of evidence	1	2	3	4
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Outline Syllabus

After completing the module the student should be able to:

Discuss a range of maternity care practices and public health interventions that can improve the health of the mother, fetus and newborn infant.

Use midwifery skills and knowledge of anatomy, physiology and epigenetics, support the transition of the fetus to extra-uterine life and demonstrate knowledge of optimal care of the newborn.

Discuss the importance of human milk and breastfeeding to public health and well-being, and demonstrate how to protect, promote and enable breastfeeding with the woman, her partner and family as well as supporting safe and responsive alternative feeding methods.

Explain the role of the midwife and of the multi professional team in the care of the fetus and neonate.

Learning Activities

Lectures, discussion, workshops, case studies, scenarios, group work, E-Learning (as appropriate).

Students will be formatively assessed throughout this module using a variety of tasks and methods. This may include small group work.

Notes

This module is designed to introduce students to their role in supporting the family in caring for the fetus and the newborn infant.

The module will explore the pathway the mother and family take in the first critical 1001 days. It will provide the student with knowledge and understanding of anatomy, physiology, and epigenetics of fetal development, adaptation to life, the newborn infant and very early child development.

It will consider the intrauterine environment and how this, together with the transition to extra-uterine life can affect the individual, and as a consequence the public health of the nation.

It will introduce the student to genetics, screening and diagnostic tools, and creating a healthy intrauterine environment to optimise pregnancy outcomes.

It will explore how mode of birth can affect the newborn.

It will equip the student to support fetal transition to extra-uterine life and provide the student with knowledge of practical newborn infant care.

It will use evidence based knowledge to support student's understanding of the importance of human milk and breastfeeding to public health and well-being. It will support the application of this knowledge to breastfeeding, in how to responsively protect, promote and enable breastfeeding with the woman, her partner and family. It will also equip the student to safely and responsively support alternative feeding methods.

The module will provide a foundation for development of knowledge relating to more complex and additional needs. It will link to knowledge gained from semester one modules.

The module will use recognised resources to support learning such as 'E-learning for health' and other professional resources.

The student will be encouraged and facilitated to reflect, challenge and evaluate the evidence base in relation to the care of the fetus and newborn infant from family members and from members of the multi-disciplinary maternity care team.

Through formative and summative assessment and learning and teaching, students will be enabled to consider provision of maternity services for the fetus and newborn infant, and critically evaluate these.