

Access to Higher Education Unit

This unit forms part of an Access to HE Diploma. If delivering the graded version of this unit, please refer to the Provider Handbook for details on grading descriptors and the application of these across units within your programme.

Unit Title: Human Reproduction

Graded Unit Reference Number: GA33BIO24

Ungraded Unit Reference Number: UA33BIO24

Module: Biology; Human Biology

Level: Three (3)

Credit Value: Three (3)

Minimum Guided Learning Hours: 30

Units barred for selection against this unit:

- **Human Reproduction and Genetics (GA36BIO35 / UA36BIO35)**
- **Human Reproduction and Sexual Health (GA33BIO42 / UA33BIO42)**

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand the structure and functions of human reproductive systems	1.1 Explain the structure and the function of the male and female reproductive systems 1.2 Explain the formation of male and female gametes 1.3 Identify and explain the role of the hormones associated with the human reproductive system 1.4 Describe and explain the three phases of the menstrual cycle 1.5 Explain the process of fertilisation
2. Know the main stages of embryonic development and the role of the placenta	2.1 Distinguish the main features of embryonic and foetal development 2.2 Relate the structure of the placenta to its role in the exchange of materials between the mother and the embryo
3. Understand the factors which initiate birth, name the stages of birth and understand the changes which occur in	3.1 Interpret data relating to the hormonal changes during pregnancy and birth

the foetus at birth

3.2 Explain the importance of the changes to the foetal circulation, lungs and liver which need to occur at birth