

Higher National Unit Specification

General information for centres

Unit title: Physiology of the Reproductive System

Unit code: F0KB 33

Unit purpose: This Unit is intended to provide candidates with a knowledge of the male and female reproductive systems.

On completion of the Unit the candidate should be able to:

- 1 Identify the structure of the male reproductive system and explain the physiological functions of this system.
- 2 Identify the structure of the female reproductive system and explain the menstrual cycle.

Credit points and level: 0.5 HN Credit at SCQF level 6: (4 SCQF credit points at SCQF level 6*)

**SCQF credit points are used to allocate credit to qualifications in the Scottish Credit and Qualifications Framework (SCQF). Each qualification in the Framework is allocated a number of SCQF credit points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

Recommended prior knowledge and skills: Candidates should have good communication skills, both written and oral. These can be evidenced either by the achievement of nationally recognised qualifications equivalent to SCQF level 5 or by the completion of a pre-course interview part of which could take the form of a written assignment. The skills to undertake this Unit could also be demonstrated through an employer's reference or the process of application and interview. In addition to this candidates should preferably have undertaken some work experience, paid or voluntary, in a health care setting.

Core Skills: There are opportunities to develop the Core Skills of Communication at level 5 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

Context for delivery: If this Unit is delivered as part of a Group Award, it is recommended that it should be taught and assessed within the subject area of the Group Award to which it contributes.

This Unit is included in the framework for the HNC Health Care. It is recommended that it is taught and assessed within the context of the award at SCQF level 7.

General information for centres (cont)

Assessment: This Unit will be assessed in two ways:

A closed-book assessment of 20 multiple-choice questions. Ten questions will examine the candidates' knowledge of the male reproductive system, and 10 questions will examine the candidates' knowledge of the female reproductive system. This paper will account for 20% of the total marks, and candidates will require to achieve 80% to pass.

The second part will be an essay, and should be no more than 1,000 words.

Higher National Unit specification: statement of standards

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The sections of the Unit stating the Outcomes, knowledge and/or skills, and Evidence Requirements are mandatory.

Where evidence for Outcomes is assessed on a sample basis, the whole of the content listed in the knowledge and/or skills section must be taught and available for assessment. Candidates should not know in advance the items on which they will be assessed and different items should be sampled on each assessment occasion.

Outcome 1

Identify the structure of the male reproductive system and explain the hormonal physiological functions of this system

Knowledge and/or skills

- ◆ Structure of the male reproductive system
- ◆ Names and functions of the hormones associated with the male reproductive system
- ◆ Physiology of the male reproductive system

Evidence Requirements

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can:

- ◆ describe the structure of all component parts of the male reproductive system
- ◆ identify the male reproductive hormones
- ◆ explain the function of each of the male reproductive hormones
- ◆ describe the physiology of the male reproductive system

Assessment guidelines

Outcomes 1 and 2 will be assessed as follows:

A closed-book assessment of 20 multiple-choice questions. Ten questions will examine the candidates' knowledge of the male reproductive system, and 10 questions will examine the candidates' knowledge of the female reproductive system. This paper will account for 20% of the total marks, and candidates will require to achieve 80% to pass.

The second part will be an essay, and should be no more than 1,000 words.

Higher National Unit specification: statement of standards (cont)

Unit title: Physiology of the Reproductive System

Outcome 2

Identify the structure of the female reproductive system and explain the menstrual cycle

Knowledge and/or skills

- ◆ Structure of the female reproductive system
- ◆ Names and functions of the hormones associated with the female reproductive system
- ◆ Physiology of the menstrual cycle

Evidence Requirements

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can:

- ◆ describe the structure of all component parts of the female reproductive system
- ◆ identify the two female reproductive hormones
- ◆ explain the function of each of the female reproductive hormones
- ◆ describe the physiology of the menstrual cycle

Assessment guidelines

Outcomes 1 and 2 will be assessed as follows:

A closed-book assessment of 20 multiple-choice questions. Ten questions will examine the candidates' knowledge of the male reproductive system, and 10 questions will examine the candidates' knowledge of the female reproductive system. This paper will account for 20% of the total marks, and candidates will require to achieve 80% to pass.

The second part will be an essay, and should be no more than 1,000 words.

Administrative Information

Unit code: F0KB 33
Unit title: Physiology of the Reproductive System
Superclass category: RH
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Version	Description of change	Date

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Higher National Unit specification: support notes

Unit title: Physiology of the Reproductive System

This part of the Unit specification is offered as guidance. The support notes are not mandatory.

While the exact time allocated to this Unit is at the discretion of the centre, the notional design length is 20 hours.

Guidance on the content and context for this Unit

This Unit is intended to provide candidates with a knowledge of the male and female reproductive systems.

Outcome 1

This Outcome is intended to provide candidates with an insight into physiological factors which contribute to the structure of the male reproductive system. Once this knowledge is established the hormones and the functions of the hormones can be addressed. While some candidates may approach the hormonal functions by rote learning some class discussion may help to develop an understanding of the subject. The final task is to bring all new knowledge together to enable the candidate to demonstrate knowledge of the normal healthy male reproductive system.

Outcome 2

This Outcome is intended to provide candidates with an insight into physiological factors which contribute to the female reproductive system. Once this knowledge is established the two female hormones and the functions of the hormones can be addressed. While some candidates may approach the hormonal functions by rote learning some class discussion may help to develop an understanding of the subject. The final task is to bring all new knowledge together to enable the candidate to demonstrate knowledge of the menstrual cycle and the normal healthy female reproductive system.

Guidance on the delivery and assessment of this Unit

This Unit is likely to form part of a Group Award, which is primarily designed to provide candidates with knowledge and skills to work with people in need of health care. Physiology often is viewed as a very factual subject and many candidates will develop their awareness through rote learning.

It is suggested that this Unit be delivered at the beginning of the award. This Unit also compliments the Unit *Physiology for Health Care Professionals*.

Opportunities for developing Core Skills

There are opportunities to develop the Core Skills of Communication at level 5 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

Communication: will be evidenced via the candidate's work with individuals and groups (SCQF level 5)

Higher National Unit specification: support notes (cont)

Unit title: Physiology of the Reproductive System

Open learning

Theory for this Unit may be developed for delivery by Open Learning. However, it would require planning by the centre to ensure the sufficiency and authenticity of candidate evidence.

For further information and advice, please see *Assessment and Quality Assurance for Open and Distance Learning* (SQA, February 2001 — publication code A1030).

Candidates with disabilities and/or additional support needs

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments or considering alternative Outcomes for Units. For information on these, please refer to the SQA document *Guidance on Alternative Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs*, which is available on SQA's website: www.sqa.org.uk.

General information for candidates

Unit title: Physiology of the Reproductive System

This Unit should enable you to demonstrate knowledge of the male and female reproductive systems. By undertaking this Unit as well as the Unit *Physiology for Health Care Professionals*, you will have a holistic view of the physiology of the human body.

The assessment for the Unit is in two parts. The first part is a multiple choice paper of twenty questions; ten questions on each on the male and female reproductive systems. This paper will account for twenty per cent of the total marks. The second part will be an essay of no more than one thousand words. Candidates will be given the choice of topic related to either the male hormonal cycle or the female menstrual cycle.

On completion of this Unit you should be able to:

- ◆ identify the structure of the male reproductive system and explain the hormonal physiological functions of this system
- ◆ identify the structure of the female reproductive system and explain the menstrual cycle