

## Modules

University Foundation: Master of Pharmacy

### Interactive Learning Skills and Communication

To develop a range of academic and communicative skills necessary for successful study in Higher Education. To develop independent learning and encourage students to take responsibility for their personal, academic and professional development. To develop the knowledge and ability to use a range of digital technologies

#### **Mode of delivery**

Face-to-face

#### **Contact hours (per semester/module)**

Contact hours: 48

Self-directed study hours: 48

#### **How will I be assessed?**

Coursework (55%), closed book examination (30%) and personal development performance (15%). These modules carry a standard minimum progression requirement: pass mark 60%/grade C.

### Mathematics A and B

These modules will provide students with the skills to define fundamental aspects of numerical processes in relation to the Life Sciences with an appreciation of the knowledge and skills needed to apply these techniques.

#### **Mode of delivery**

Face-to-face

#### **Contact hours (per semester/module)**

Contact hours: 50

Directed study hours: 48

Self-directed study hours: 52

#### **How will I be assessed?**

Assessment of this module consists of a mid-term (30%) and final examination (70%). This module carries a standard minimum progression requirement: pass mark 60% and a minimum of 50% in the mid-term and final examination.

### Chemistry A and B

Define fundamental aspects of basic chemistry and chemical processes with an appreciation of the knowledge and skills needed to apply these techniques. Define the fundamentals of organic chemistry. Define the key concepts of physical and analytical chemistry with an understanding of the instruments employed.

#### **Mode of delivery**

Face-to-face lectures and tutorials

**Contact hours (per semester/module)**

Contact hours: 50  
Directed study hours: 48  
Self-directed study hours: 52

**How will I be assessed?**

Coursework 2 x in-class tests (20%) and a final-examination (80%). This module carries a standard minimum progression requirement: pass mark 60% and minimum of 40% in the coursework and examination

**Biology A & B**

Define fundamental aspects of biology and basic biological processes with an appreciation of animal and plant biology. Define the scientific process in terms of research principles: theory and empirical evidence; quantitative and qualitative evidence; nomenclature and meaning of biological related terminology. Biology B module will ensure that students can define concepts of genetics and human biology in terms of cell function and inheritance.

**Mode of delivery**

Face-to-face

**Contact hours (per semester/module)**

Contact hours: 50  
Directed study hours: 48  
Self-directed study hours: 52

**How will I be assessed?**

Coursework (20%) (2 x class tests) and final examination (80%). These modules carry a standard minimum progression requirement: pass mark 60% overall and a minimum of 50% in the coursework and examination

**Practical skills**

Students are given Computing Skills sessions at the start of the module, including a short assessment, which they are required to pass. Compulsory safety module (RGU) to be completed on-line. Students need to pass this assessment before continuing with the module.

Development of laboratory competencies through practical work. Ability to work safely and effectively in a laboratory setting whilst observing the health and safety protocols outlined in the Laboratory Safety Passport. Ability to demonstrate appropriate group working in a laboratory. Ability to keep an accurate log book and show all working out, Undertake laboratory tests. Ability to demonstrate practical skills in chemistry and biology.

**Mode of delivery**

In-class preparatory lectures and practical laboratory experiments.

**Contact hours (per semester/module)**

Contact hours: 50  
Self-directed study hours: 100

**How will I be assessed?**

Coursework: laboratory experiments and lab reports for Chemistry (50%) and Biology (50%). These modules carry a standard minimum progression requirement: pass mark 60%