Module Specification

Human Health and Disease

Version: 2027-28, v1.0, Approved

Contents

Part 1: Information

Module title: Human Health and Disease

Module code: USSJSV-15-2

Level: Level 5

For implementation from: 2027-28

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Health, Science & Society

School: CHSS School of Applied Sciences

Partner institutions: None

Field: Applied Sciences

Module type: Module

Pre-requisites: Human Anatomy and Physiology 2027-28

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Human Health and Disease aims to introduce key concepts about how the human body can transition from a healthy to a disease state, and the underlying biochemical and molecular processes involved.

Pre-requisites: Students must have passed USSKA3-30-1: Human Anatomy and Physiology before starting this module.

Features: Not applicable

Educational aims: This module aims to give students the knowledge to discuss the causes and consequences of human disease, and equips them with the practical skills to investigate and diagnose a range of pathologies.

Outline syllabus: The indicative syllabus of this module is as follows:

Cancer biology: cell biology and signalling systems relevant to the pathogenesis of some of the most common neoplasias.
Blood sciences: the pathogenesis of a range of immunological, haematological, and biochemical disorders, alongside relevant laboratory markers in their diagnosis, prevention and treatment.
Clinical microbiology: the pathogenesis of a range of infectious disorders of differing primary aetiologies.
Clinical genetics: underpinning mechanisms relating to a range of simple and complex genetic human disorders.
Neuroscience: the presentation and pathogenesis of a range of neurological disorders.

Part 3: Teaching and learning methods

Teaching and learning methods: The module will be delivered as lectures and practical class sessions, as well as a formative essay session. Students will get a rounded experience of key laboratory skills for human health and disease and the underpinning theories to prepare them for further study.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Evidence research and writing skills for communication of argument to a scientific audience.

MO2 Apply knowledge from the published research literature to demonstrate an understanding of the transition from a healthy to diseased state.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://uwe.rl.talis.com/modules/ussjsv-15-2.html

Part 4: Assessment

Assessment strategy: Assessment: Written Assignment (1500 words)
A written assignment which will require students to complete a written account on a contemporary topic concerning the transition from healthy to disease states. This assessment will provide a valuable learning experience through applying knowledge and supporting this through the published literature. Formative support is provided through academic oversight of a draft essay plan for each student in advance of the final submission.

Assessment tasks:

Written Assignment (First Sit)
Description: 1500 word written assignment
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2

Written Assignment (Resit)
Description: 1500 word written assignment
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Biological Sciences [Frenchay] BSc (Hons) 2026-27

Biological Sciences {Foundation} [Frenchay] BSc (Hons) 2025-26