



Module Specification

Genomic conversation, research and evaluation skills

Version: 2023-24, v2.0, 05 Apr 2023

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Part 1: Information

Module title: Genomic conversation, research and evaluation skills

Module code: USSJQG-15-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Applied Sciences

Partner institutions: None

Field: Applied Sciences

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: Yes

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: The module will focus on enhancing communication skills and confidence to support individuals and families who are undergoing genomic testing or impacted by a genetic condition. The module will also cover the research and evaluation knowledge and skills needed to develop a proposal to partake in a national genomic transformation project in one of the NHS Trusts or third sector organisations (e.g. the British Heart Foundation, Macmillan Cancer Support).

Features: Not applicable

Educational aims: The overall aim of the module is to provide attendees with more in-depth knowledge and skills (beyond USSJK7-15-M) to implement genomic healthcare in their day-to-day practice. Students will develop communication skills and behaviours to facilitate conversations involving genomics with patients and families. The module will also equip the students with the knowledge and skills to write a proposal for a local small-scale evaluation of an area of their practice or care delivery.

Outline syllabus:

Defining research and evaluation in health care
Considering different levels of evidence and their use in practice
Key evaluation designs
Steps in completing an evaluation project
Involving the public in evaluation
Reporting and dissemination evaluation learning
Writing a proposal for an evaluation
Genetic counselling skills in theory and practice
Facilitating genomic testing and the return of genomic results
Defining and explaining genomic terms and concepts
Considering a variety of patient perspectives on their journey involving genomic medicine
Case studies with facilitated observation, role play and self-reflection
Ethical, social, and cultural considerations in genomic medicine.

Part 3: Teaching and learning methods

Teaching and learning methods:

Online presentations/ materials supported with examples from previous evaluations and using Making Sense of Research as an underpinning text.
Links to websites, videos and further reading
E-learning courses

Group discussion

Case-based discussion

Role-play with feedback from patients and healthcare professional experts.

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

MO1 Applies an in depth understanding of knowledge of specialist methodological approaches to make sound professional judgements in the context of service evaluation.

MO2 Plan an effective evaluation in health care

MO3 Apply appropriate and effective communication and counselling skills to support patients and families in conversations relating to genomics in healthcare

MO4 Critically evaluate the influence of ethical, cultural and social factors as they apply to genomic healthcare

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 83 hours

Placement = 15 hours

Face-to-face learning = 52 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

Part 4: Assessment

Assessment strategy: Assessment Task 1 (50%)

A referenced proposal (1500 words) to undertake an evaluation project in the work place. Students are supported in this assessment through the formative evaluation of practice proposals. This proposal feeds into the project undertaken in the Evidencing Work Based Learning Module.

Assessment Task 2 (50%)

A case study based on a genetic counselling session (2000 words).

Following a recorded role-playing session with a patient involving discussion about genomic testing students will receive feedback from patient representatives and healthcare professional experts and will use this as the basis of a self-reflective written piece. Students will then write a letter to the patient explaining (e.g. about a condition, inheritance pattern, genetic test or result). This letter should be accompanied by a visual aid (e.g. picture, diagram) to help explain the relevant genomic concepts.

This assessment builds upon that in USSJK7-15-M where the fundamentals of genetic counselling are introduced and counselling sessions are practiced. Further opportunities for patient communication and interaction are provided through this module. Clear, confident and supportive communication regarding genetic conditions is a key skill for nurses in this field.

This assessment is aimed at demonstrating students' written communication skills in conveying genomic concepts.

Assessment tasks:**Report (First Sit)**

Description: A referenced proposal to undertake an evaluation project in the work place (1500 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2

Case Study (First Sit)

Description: 2000 word case study on a genetic counselling session.

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO3, MO4

Report (Resit)

Description: A referenced proposal to undertake an evaluation project in the work place (1500 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2

Case Study (Resit)

Description: 2000 word case study on a genetic counselling session.

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study: