



MODULE SPECIFICATION

Part 1: Information			
Module Title	Genomic and Counselling skills for nurses and healthcare professionals		
Module Code	USSJK7-15-M	Level	Level 7
Implementation Date	2019-20 (April 2020)		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Health & Applied Sciences	Field	Applied Sciences
Department	HAS Dept of Applied Sciences		
Contributes towards	N/A		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: The overall aims of the module is to provide the attendees with an introduction to the key areas of genomics, human genetics and genetic variation in the field of cancer. The module will equip students with the knowledge and behaviours to competently perform the leadership role of Macmillan Genomic Education Champion in the new NHS Genomic Medicine Service.</p> <p>Outline Syllabus: Fundamentals of genetics and genomics. What is genomics?; Genomic technologies; and Ethical and legal considerations. Genetic basis of common cancers Genetic testing approaches in cancer, including laboratory context. Taking and drawing a genetic family, inheriting genomic information, 100,000 Genomes Project Preparing for the Consent Conversation. Genetic counselling skills in theory and practice. Genomics for personalised treatment. Organisation of the Genomic Medicine Service, including the Test Directory, patient choice, confidentiality and data storage. How to plan and deliver an effective train the trainer (TTT) session and introduction to theory models, learning by case studies.</p>

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Teaching and Learning Methods: Group discussion Cased-based discussion Formal lectures
Role-play with feed-back with the involvement of patients, reflection Interactive case-based tutorial

Part 3: Assessment			
First Sit Components	Final Assessment	Element weighting	Description
Professional Practice Report - Component B	✓	30 %	Students produce a leaflet aimed at educating regional peers on the impact of genomic medicine and the structure, function and how to access further information locally.
Group work - Component A		70 %	This assessment is a 30 minute case study based educational seminar session provided as a small group (80% of mark). This assessment is aimed at evaluating your ability to work in a small group to successfully deliver an educational session. You will be expected to draw on up to date literature and clinical guidance in order to provide a clear example of how genomic medicine will impact clinical care and specifically how it has influenced a particular clinical case. The 30 minute presentation will be followed by 15 minutes of questions (20% of mark).

Part 4: Teaching and Learning Methods		
Learning Outcomes	On successful completion of this module students will be able to:	
	Module Learning Outcomes	
	MO1	Demonstrate an understanding of the relationship of genetics and genomics to health, prevention, screening, and diagnostics .
	MO2	Critically evaluate the genomic factors affecting response and resistance to treatment and evaluate from practice at least three cancer cases that have a genetic/genomic component .
	MO3	Demonstrate understanding of ethical, legal, and societal issues related to genetic and genomic information and technologies and understand the NHS Genomic Medicine Service structure and referral process.
	MO4	Describe practice-relevant genetic and genomic resources and conduct educational interventions to address the genetic/genomic learning needs of health professionals and clients.
Contact Hours	Contact Hours	

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	Independent Study Hours:	
	Independent study/self-guided study	108
	Total Independent Study Hours:	108
	Scheduled Learning and Teaching Hours:	
	Lectorials	42
	Total Scheduled Learning and Teaching Hours:	42
	Hours to be allocated	150
	Allocated Hours	150
Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/lists/1486F301-3D49-6CEA-18B6-F17B85BC5386.html?edit&version=v1&lang=en&login=1</p>	