



MODULE SPECIFICATION

Part 1: Information			
Module Title	Negotiated Specialist Ultrasound Practice 4		
Module Code	UZYSRX-15-M	Level	M
For implementation from	January 2020		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Health and Applied Sciences	Field	Allied Health Professions
Department	Allied Health Professions		
Contributes towards	MSc In Medical Ultrasound		
Module type:	Professional Practice		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	Fundamentals of Ultrasound Technology UZYY8P-15-M		
Module Entry requirements	Applicants must be working in a relevant area of ultrasound practice, and have either completed or be enrolled on a relevant physics or the Fundamentals of Ultrasound Technology module, by agreement with the module leader.		

Part 2: Description	
<p>The aim of this module is to develop a safe and competent practitioner equipped with knowledge, critical understanding and professional skills for participation in an effective Ultrasound Imaging service.</p> <p>The content of the module will be defined following discussions between the module leader, the student and the work-based manager, and will result in a Learning Contract being drawn up. This contract will specify exactly how the module learning outcomes will be achieved. The nature of the module enables the student to negotiate and learn with significant and relevant others as they see fit. Clinical assessment areas will also be defined as a result of discussions, and subject specific competencies must be demonstrated in all areas.</p> <p>Potential areas for student study must be negotiated with the Module Leader and could include subspecialty of areas such as the following:</p> <ul style="list-style-type: none"> • Obstetric Ultrasound First-trimester anomaly scanning Fetal echocardiography • Gynaecological Ultrasound Fertility and sub-fertility scanning Screening for ovarian cancer • General Medical Ultrasound Paediatric Musculo-skeletal 	

Superficial parts e.g. breast ultrasound

- **Vascular Ultrasound**
Upper limb assessment

This module is likely to include:

- Subject specific topics, for example:
 - Normal anatomy & physiology; anatomical variants; normal ultrasound appearances; pathological processes; abnormal ultrasound appearances; scanning techniques; use in health screening - subject specific variations
 - Role of ultrasound in the overall management of the patient.
 - Complementary and/or alternative imaging techniques.
 - Interpretation and recording of examination data.
 - Safety guidelines, protocols and legislation.
 - Contemporary research and developments in ultrasound.
 - Techniques related to ultrasound imaging of chosen specialist field.
- Legal and Ethical Issues
- Professional and Employment Issues Relating to Negotiated Specialist Ultrasound Practice
- Communication Skills
- Reporting of Ultrasound Images
- Group Working
- Project Management Skills

Part 3: Assessment

Component A:

Completion of a Clinical Portfolio to include summative clinical assessments.

Summative requirements of the portfolio are:

- Learning Contract
- Clinical Case Logs (minimum of 50, with 4 of these to be summatively assessed)
- Final Placement Report

Rationale:

This component of assessment provides the opportunity for the student to demonstrate clinical competence and appreciation of the role of a sonographer in the relevant context of ultrasound imaging.

Component B:

Structured Oral and Practical Examination (SOPE) maximum 30 minutes

Rationale:

The use of a SOPE replicates the required skills of image commenting in clinical practice and enables demonstration of knowledge and clinical reasoning through both practical demonstration and defended questioning. It enables the demonstration of the knowledge and understanding of the protocols, skills and reasoning (including relevant contemporary research) underpinning relevant ultrasound imaging, assessment and clinical reasoning

Formative Assessment Opportunities:

A range of resources including simulation opportunities and practical workshops will be available in addition to tutor support and feedback both in practice and via the module team.			
Identify final timetabled piece of assessment (component and element)		Component A	
% weighting between components A and B (Standard modules only)		A:	B:
First Sit			
Component A (controlled conditions) Description of each element		Element weighting	
Clinical portfolio		Pass/Fail	
Component B Description of each element		Element weighting	
Structured Oral and Practical Examination (SOPE) (maximum 30 minutes)		100	
Resit (further attendance at taught classes is not required)			
Component A (controlled conditions) Description of each element		Element weighting	
Clinical portfolio		Pass/Fail	
Component B Description of each element		Element weighting	
Structured Oral and Practical Examination (SOPE) (maximum 30 minutes)		100	
Part 4: Learning Outcomes & KIS Data			
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> Utilise relevant knowledge of anatomy, physiology and pathology of the negotiated specialised ultrasound area to make evaluative judgements on the outcomes of ultrasound examination (Component A and B) Competently, skilfully, and accurately, perform and report the findings of, the relevant range of ultrasound procedures. (Component A) Critically evaluate the contribution that the negotiated specialist ultrasound area makes to the overall management of the patient with reference to any relevant screening and diagnostic procedures. (Component A and B) Critically appraise the evidence base for the negotiated specialised ultrasound area and reflect on one's own practice and the practice of others within this context. (Component B) Demonstrate a critical knowledge of the legal, ethical, professional and organisational aspects of current ultrasound practice in the relevant area of ultrasound. (Component B) Effectively communicate with clients, their families and healthcare professionals, and make appropriate referrals as required. (Component A) 		
Key Information Sets Information			

(KIS)																										
Contact Hours	<table border="1"> <thead> <tr> <th colspan="5">Key Information Set - Module data</th> </tr> </thead> <tbody> <tr> <td colspan="5"><i>Number of credits for this module</i></td> </tr> <tr> <td colspan="4"></td> <td style="text-align: center; border: 2px solid black;">15</td> </tr> <tr> <th>Hours to be allocated</th> <th>Scheduled learning and teaching study hours</th> <th>Independent study hours</th> <th>Placement study hours</th> <th>Allocated Hours</th> </tr> <tr> <td style="text-align: center;">150</td> <td style="text-align: center;">28</td> <td style="text-align: center;">122</td> <td style="text-align: center;">240</td> <td style="text-align: center;">390</td> </tr> </tbody> </table> <p>The above placement hours are a normal average, based on this being a practice-based programme which normally requires students to complete on average a minimum of 15 hours per week in a relevant practice setting per professional practice module.</p>	Key Information Set - Module data					<i>Number of credits for this module</i>									15	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours	150	28	122	240	390
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Total Assessment	<p>The table below indicates as a percentage the total assessment of the module which constitutes a;</p> <p>Written Exam: Unseen or open book written exam Coursework: Written assignment or essay, report, dissertation, portfolio, project or in class test Practical Exam: Oral Assessment and/or presentation, practical skills assessment, practical exam (i.e. an exam determining mastery of a technique)</p> <table border="1"> <thead> <tr> <th colspan="2">Total assessment of the module:</th> </tr> </thead> <tbody> <tr> <td>Written exam assessment percentage</td> <td style="text-align: center;">0%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td style="text-align: center;">50%</td> </tr> <tr> <td>Practical exam assessment percentage</td> <td style="text-align: center;">50%</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> </tbody> </table>	Total assessment of the module:		Written exam assessment percentage	0%	Coursework assessment percentage	50%	Practical exam assessment percentage	50%		100%															
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Reading List	<p style="text-align: center;">https://rl.talis.com/3/uwe/lists/EBC9A5A8-754D-81C8-194A-4A0BB9FE45ED.html?lang=en-GB&login=1</p> <p style="text-align: center;">Vascular Specific:</p> <p style="text-align: center;">https://rl.talis.com/3/uwe/lists/18A532E9-52A2-5F75-F5BC-98446F471B64.html?lang=en-GB&login=1</p>																									

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First Approval Date (and panel type)	9 July 2013			
Revision ASQC Approval Date <i>Update this row each time a change goes to ASQC</i>	30 October 2018	Version	2	Link to RIA
	29 August 2019		3	