PROGRAMME SPECIFICATION

Part 1: Information	
Awarding Institution	UWE
Teaching Institution	UWE
Delivery Location	UWE Glenside
Study abroad / Exchange / Credit recognition	
Faculty responsible for programme	Health & Applied Sciences
Department responsible for programme	Allied Health Professions
Professional Statutory or Regulatory Body Links	Consortium for the Accreditation of Sonographic Education
Highest Award Title	MSc Medical Ultrasound.
Default Award Title	MSc Specialist Practice
Interim Award Titles	Postgraduate Diploma in Medical Ultrasound Postgraduate Certificate in Medical Ultrasound
UWE Progression Route	N/A
Mode of Delivery	PT
ISIS code/s	**B80042**
For implementation from	September 2017

Part 2: Description

The educational aims of this programme are to produce a competent autonomous ultrasound practitioner with the:-

- ability to assimilate complex theories so that an informed knowledge base can enlighten practice;
- proficient skills to practice medical ultrasound in a safe, competent, and professional manner;
- appropriate interpersonal skills to enable effective interaction with users and multi-professional groups;
- necessary skills to communicate the findings of the ultrasound examination, whilst working within an ethical, legal and professional framework;
- ability to integrate and evaluate a range of professional issues within a framework of effective, rational decision making;
- ability to critically evaluate the contribution of ultrasound to the overall management of the patient;
- opportunity to apply this knowledge in a reflective and critical manner to their practice, with consideration of technical, clinical and ethical issues;
- ability to actively challenge, and critically evaluate current practice as a result of a knowledge of the evidence that represents best practice;
- cognitive abilities commensurate with study at Masters level;
- investigative skills to underpin research or problem solving in ultrasound practice;
- ability to critically analyse their own contribution to the practice of ultrasound, including a consideration of personal career aspirations.

Programme requirements for the purposes of the Higher Education Achievement Record (HEAR)

This programme recognises the role of the specialist ultrasound practitioner and adopts the philosophy that such a practitioner must be in the possession of the critical and evaluative skills, which facilitate advanced decision making in a practice setting. Such abilities require the integration of higher cognitive and experiential learning which are best facilitated through programmes of study at postgraduate level.

The course is designed specifically to produce clinically competent reflective advanced practitioners who need to deliver ultrasound services in a fast moving healthcare environment with the ability to critique and review research evidence to inform practice. They will undertake multi-professional team working and communicate effectively with service users and will adhere to professional codes of conduct and ethics and upon qualification be fit to practice.

Regulations

Approved to University Regulations and Procedures

Part 3: Learning Outcomes of the Programme

Learning Outcomes:	UZYSPH-30-M GMUS	UZYSPJ-30-M-MObs	UZYSPQ-30-M U Tech	UZYSPK-30-M NegSpc 1	UZYSPL-30-M NegSpc 2	UZYSPM-15-M NegSpc3	UZYSRX-15-M NegSpc 4	UZYSPP-15-M NegSpc 5	UZWSPX-15-M ResMeth	UZWSRV-15-M ResMeth	UZWSPY-45-M & UZWS4W-60-M Dissertation
A) Knowledge and understanding of:											
1. The physical, clinical and life sciences which underpin the practice of ultrasound;	x	x	x	x	x	x	x	x			
2. The medico-legal, professional and ethical frameworks within which they practice	x	x		x	x	x	x	x			
3. The implications of research-based evidence used to inform and guide practice	x	x	x	x	x	x	x	x	x	x	x
4. The efficacy of various scanning protocols, techniques and equipment which may be utilized	x	x	x	x	x	x	x	x			
(B) Intellectual Skills											
1. The capacity for enquiry, inductive and deductive reasoning and critical analysis	x	x	x	x	x	x	x	x	x	x	x
2. The ability to demonstrate independent learning and contribute to peer learning and support	x	x	x	x	x	x	x	x	x	x	x
3. A creative approach to learning and begin to contribute to new developments in theory and practice	x	x	x	x	x	x	x	x	x	x	x
4. The ability to evaluate a wide range of research strategies that are appropriate to the field of medical ultrasound	x	x	x	x	x	x	x	x	x	x	x
5. The ability to synthesise information from a number of sources in order to gain a coherent understanding of theory and practice	x	x	x	x	x	x	x	x	x	x	x
6. The ability to disseminate and communicate ideas and findings	x	x	x	x	x	x	x	x	x	x	x

Part 3: Learning Outcomes of the Programme

	UZYSPH-30-M GMUS	UZYSPJ-30-MObs	UZYSPQ-30-M U Tech	UZYSPK-30-M NegSpc 1	UZYSPL-30-M NegSpc 2	UZYSPM-15-M NegSpc3	UZYSRX-15-M NegSpc 4	UZYSPP-15-M NegSpc 5	UZWSPX-15-M ResMeth	UZWSRV-15-M ResMeth	UZWSPY-45-M & UZWS4W-60-M Dissertation
(C) Subject/Professional/Practical Skills											
1. Undertake skilled competent, safe, evaluative and reflective medical ultrasound within a legal and ethical context	x	x	x	x	x	x	x	x			
2. Optimise, manipulate and evaluate diagnostic images, or data, in a critical manner	x	x	x	x	x	x	x	x			
3. Communicate effectively with both users, interprofessional groups and the general public establishing professional and ethical relationships	x	x	x	x	x	x	x	x			
4. Utilise appropriate strategies in order to solve problems that may be complex in nature	x	x	x	x	x	x	x	x	x	x	x
5. Make evaluative judgements on the outcomes of an ultrasound examination and report the findings accordingly	x	x		x	x	x	x	x			
6. Recognise and take appropriate action in situations where the limits of their skill or knowledge are being approached (cognisance).	x	x	x	x	x	x	x	x	x	x	
(D) Transferable skills and other attributes											
1. Extract, evaluate, synthesise and present information gained from primary and secondary sources (critical thinking)	x	x	x	x	x	x	x	x	x	x	x
2. Manage change effectively and respond to changing demands	x	x	x	x	x	x	x	x	x	x	x
3. Manage and resolve complex issues in a variety of theoretical and practical situations	x	x	x	x	x	x	x	x	x	x	x
4. Reflect and evaluate their own academic, professional and clinical performance	x	x	x	x	x	x	x	x	x	x	x
5. Manage time and prioritise workloads, and recognise and manage personal emotions and stress	x	x	x	x	x	x	x	x	x	x	x
6. Exercise autonomy in the management of their learning and Continuing Professional Development	x	x	x	x	x	x	x	x	x	x	x
7. Use Information Technology competently and effectively to support both academic studies and ultrasound practice.	x	x	x	x	x	x	x	x	x	x	x

Part 4: Programme Structure

This structure diagram demonstrates the student journey from Entry through to Graduation for a typical **full time undergraduate student** including:
- level and credit requirements
- interim award requirements
- module diet, including compulsory and optional modules

ENTRY		Compulsory Modules	Optional Modules	Awards
		UZYSPQ-30-M Ultrasound Technology *UZWSPX-15-M* Health and Social Care Research: Methods and Methodologies **or** *UZWSRV-15-M* Health and Social Care Research: Methods and Methodologies (Distance Learning) *UZWSUL-45-M* Masters Dissertation **or** *UZWS4W-60-M* Dissertation	*Students may select modules from the following list of options:* *UZYSPH-30-M* General Medical Ultrasound in Practice *UZYSPJ-30-M* Obstetric Ultrasound in Practice *UZYSPK-30-M* Negotiated Specialist Ultrasound Practice 1 *UZYSPL-30-M* Negotiated Specialist Ultrasound Practice 2 *UZYSPM-15-M* Negotiated Specialist Ultrasound Practice 3 *UZYSRX-15-M* Negotiated Specialist Ultrasound Practice 4 *UZYSPP-15-M* Negotiated Specialist Ultrasound Practice 5	**PG Certificate Medical Ultrasound** - Credit requirements **60 at level M** *(Ultrasound Technology module is a compulsory component of this award)* **PG Diploma Medical Ultrasound** - Credit requirements **120 credits at level M** *(Ultrasound Technology module is a compulsory component of this award)* **MSc Medical Ultrasound** - Credit requirements **180 credits at level M** *(Ultrasound Technology, HSC Research:Methods & Methodologies and one of the dissertation modules are compulsory components of this award)*

Part 5: Entry Requirements

Standard Entry:

Standard entry to the programme requires:

- A first degree from a recognised institution of higher education (or its equivalent) in a relevant subject area;
- Access to an appropriate clinical area in order to fulfil the practice requirements of this programme;
- Commitment from manager to support clinical learning;
- An appropriately qualified individual who will act as clinical appraiser (supervisor and assessor).

Part 5: Entry Requirements

Non-standard Entry:

We also welcome applicants from a diverse range of backgrounds who do not have the entry requirements outlined above. The University will consider applicants on an individual basis, on the basis of evidence of personal, professional and educational experience which indicates an applicant's ability to meet the demands of a postgraduate degree programme in this subject area. Applicants who do not meet the entry requirements detailed above will be assessed on an individual basis via an interview and submission of written evidence.

All applicants:

Any applicant whose first language is not English must have a minimum IELTS score of 7 overall with a minimum of 6.5 in any section, (or equivalent).

Previous ultrasound/diagnostic imaging experience is desirable.

Consideration will also be given to individuals' background/life experiences, for example from the first degree or relevant work experience opportunities in relation to their knowledge and understanding of Medical Ultrasound.

Satisfactory Health and Disclosure and Barring Service status;
Either through employer confirmation of satisfactory status.
Or
 Where placements are provided by UWE for non-standard entrants, checks will be undertaken through
 UWE processes.

Part 6: Reference Points and Benchmarks

Set out which reference points and benchmarks have been used in the design of the programme:

QAA UK Quality Code for HE
        -Framework for higher education qualifications (FHEQ)
        -Subject benchmark statements
        -Qualification characteristics for and Master's degrees

Strategy 2020
University policies
Staff research projects
Any relevant PSRB requirements
Any occupational standards

The Programme Team members ensure that they are aware of current academic regulations and procedures, and any changes as they occur. This is to enable the Ultrasound Programme to comply with areas such as assuring the quality of the student learning opportunity, and promoting continuous improvement throughout the Programme, in order to ensure that the academic standards of the University are upheld. The Programme Manager is the AHP representative on the Faculty Academic Standards and Quality Committee, which provides access to oversight of the implementation of the relevant procedures, such as internal monitoring, evaluation and renewal of taught provision. This also enables examples of best practice relating to the student experience, to be disseminated to the Programme Team. Areas such as embedding staff research into the course, have informed the design of the Programme, together with feedback from student representatives on the regular Student Representative Staff Forum (SRSF).

Part 6: Reference Points and Benchmarks
The Programme Team individuals are all members of a number of external professional bodies, which ensures their awareness of current issues and developments within the field. They consult widely with relevant professional bodies and individuals to enable integration of developments elsewhere to be incorporated into the programme. The Annual monitoring form from the Consortium for the Accreditation of Sonographic Education (CASE) enables the Team to benchmark their progress against national norms and other HEI provision.

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First CAP Approval Date	9 July 2017			
Revision CAP Approval Date	28 November 2017	Version	8	link to RIA 12456
Next Periodic Curriculum Review due date				
Date of last Periodic Curriculum Review				