# **Directory of Courses**

## Accredited by the



Consortium for the Accreditation of Sonographic Education

# 2023 - 2024

## CASE Member Organisations:

British Medical Ultrasound Society British Society of Echocardiography Chartered Society of Physiotherapy Royal College of Podiatry Institute of Physics and Engineering in Medicine Society and College of Radiographers The College and Society for Clinical Vascular Science (of Great Britain and Ireland)









British Society of Echocardiography



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## INDEX

## Section 1 – Postgraduate Courses

Education Provider	Location	Page No.
ENGLAND		
AECC University College	Bournemouth	<u>8</u>
Birmingham City University	Birmingham	<u>11</u>
Brunel University / The Ultrasound Site (PgCert only)	London	<u>14</u>
Canterbury Christ Church University (PgCert only)	Canterbury	<u>18</u>
King's College London	London	<u>20</u>
Sheffield Hallam University	Sheffield	<u>23</u>
Teesside University	Middlesbrough	<u>26</u>
University of Cumbria	Lancaster	<u>28</u>
University of Derby	Derby	<u>33</u>
University of Essex	Colchester	<u>37</u>
University of Hertfordshire	Hatfield	<u>40</u>
University of Leeds	Leeds	<u>42</u>
London South Bank University	London	<u>44</u>
University of Salford	Salford	<u>47</u>
University of the West of England	Bristol	<u>50</u>

### **IRELAND**

Ulster University	Ulster, Northern Ireland	<u>52</u>
University College Dublin	Dublin, Republic of Ireland	<u>55</u>

## Postgraduate Courses cont.

#### **SCOTLAND**

Glasgow Caledonian University	Glasgow	<u>58</u>
Scottish Academy of Breast Imaging	Edinburgh / Glasgow	<u>60</u>

WALES

None at this time

## Section 2 – Undergraduate Courses

Education Provider	Location	Page No.
University of Leeds	Leeds	<u>62</u>
Sheffield Hallam University	Sheffield	<u>65</u>

## **Section 3 – Focused Courses**

Education Provider	Location	Page No.
AECC University College	Bournemouth	<u>69</u>
Birmingham City University	Birmingham	<u>71</u>
Glasgow Caledonian University	Glasgow	72
NHS England	Various	<u>73</u>
Sheffield Hallam University	Sheffield	<u>74</u>
University College Dublin	Dublin	<u>75</u>

## MODULES OFFERED

#### Abdominal, obstetric and gynaecological ultrasound modules

The Institutions listed offer modules covering the following three subject areas (full MSc programmes only).

- Science and Instrumentation
- Obstetric and Gynaecological ultrasound
- Abdominal ultrasound

It should be noted that the name given to the individual modules covering the above subject areas varies between individual institutions.

#### Vascular ultrasound module

Those Institutions which offer an identified vascular ultrasound module are listed below:

AECC University College Birmingham City University King's College London Teesside University University College Dublin University of Cumbria University of Derby University of Hertfordshire University of the West of England

#### Musculoskeletal (MSK) ultrasound module

Those Institutions which offer an identified **MSK module** are listed below:

AECC University College Birmingham City University Brunel University, London & The Ultrasound Site (PgC) Canterbury Christ Church University (PgC) King's College London Sheffield Hallam University Teesside University University of Cumbria University of Essex University of Hertfordshire University of Salford University of the West of England

## **Modules Offered cont.**

#### Cardiac ultrasound module(s)

Those Institutions which offer identified cardiac ultrasound modules are listed below:

None at this time

#### MODE OF STUDY

#### Full-Time

<u>University of Cumbria (Direct Entry Accelerated route)</u> <u>University of Leeds</u>

#### **Block Release**

Canterbury Christ Church University (PgC) King's College London London South Bank University (PgC) Teesside University University College Dublin University of Cumbria University of Derby University of Hertfordshire University of Leeds University of Salford University of the West of England

#### Day Release

AECC University College Birmingham City University Sheffield Hallam University University of Leeds

#### Part-Time

AECC University College Brunel University, London & The Ultrasound Site (PgC) Canterbury Christ Church University (PgC)

## Mode of Study cont.

Glasgow Caledonian UniversityKing's College LondonLondon South Bank University (PgC)Queen Margaret University & Scottish Academy of Breast Imaging (PgC)Teesside UniversityUlster UniversityUlster UniversityUniversity of CumbriaUniversity of HertfordshireUniversity of LeedsUniversity of the West of England

#### **Distance Learning**

AECC University College Canterbury Christ Church University (PgC) Glasgow Caledonian University University of Derby London South Bank University (PgC)

#### **Blended Learning**

<u>Queen Margaret University & Scottish Academy of Breast Imaging</u> (PgC) <u>Ulster University</u>

### DIRECT ENTRY COURSES

Those Institutions which offer a direct entry option are listed below

University of Cumbria University of Derby

## • APPRENTICESHIP COURSES

Those Institutions which offer an apprenticeship are listed below

Sheffield Hallam University

## • SHORT COURSES

Those Institutions which offer short, focused courses can be found in the Section 2 Index. The following courses are available:

Abdominal Aortic Aneurysm Screening (AAA) Basic Gynaecology & Early Pregnancy Ultrasound Early Pregnancy Ultrasound First Trimester Ultrasound Graduate Certificate in Fertility Ultrasound Level 3 Diploma for Health Screeners Podiatry Musculoskeletal Ultrasound Transabdominal First Trimester Screening Ultrasound for Fertility **Glasgow Caledonian University** 

AECC University College

**Birmingham City University** 

Sheffield Hallam University

University College Dublin

NHS England

AECC University College

**Birmingham City University** 

Birmingham City University

## **ABBREVIATIONS**

The following abbreviations have been used throughout the text:

APCL	Accreditation for prior certified learning
APEL	Accreditation for prior experiential learning
APL	Accreditation for prior learning
BSc (Hons)	Bachelor of Science (Honours degree)
CATS	Credit accumulation and transfer scheme
CPD	Continuing professional development
DCR/DCR(R)	Diploma of the College of Radiographers (Radiodiagnosis)
DMU	Diploma in Medical Ultrasound
DVT	Deep Vein Thrombosis
GMC	General Medical Council
НСРС	Health and Care Professions Council
IELTS	International English Language Testing System
M level	Master's level
MHSc	Master's in Health Science
MSc	Master of Science
NES	NHS Education Scotland
NMC	Nursing and Midwifery Council
OSE / OSCE	Objectively structured clinical examination
PgCert / PgC	Postgraduate Certificate
PgDip / PgD	Postgraduate Diploma
QAA	Quality Assurance Agency
RPCL	Recognition of Prior Certified Learning
RPEL	Recognition of Prior Experiential Learning
RPL	Recognition of Prior Learning
RPiL	Recognition of Prior Informal Learning
( <i>n</i> M)	nCATS points at Master's level/M level credits
*	Compulsory module



#### Accredited: 2008 - present

Date of most recent Accreditation: August 2018

#### 1. Awards Offered

Awards offered	Start Month	Min & Max duration of study permitted	Mode of Study	Credits
PG Certificate Medical Ultrasound	October & January	1-2 years	Part-Time, Day Release/Distance Learning	60 Level 7
PG Diploma Medical Ultrasound	October & January	1-3 years	Part-Time, Day Release/Distance Learning	120 Level 7
MSc Medical Ultrasound	October & January	2-5 years	Part-Time, Day Release/Distance Learning	180 Level 7

#### 2. Number of places available each year (First year cohort)

PgCert: 50 PgDip: 50 MSc: 50

#### 3. Modules Available

Module Title	Credits	Mode of attendance
*Science & Instrumentation	20 Level 7	PT, DR/DL
Abdominal Ultrasound	20 Level 7	PT, DR/DL
Superficial Structures Ultrasound	20 Level 7	PT, DR/DL

Upper Limb Ultrasound	20 Level 7	PT, DR/DL
Lower Limb Ultrasound	20 Level 7	PT, DR/DL
Hip Ultrasound	20 Level 7	PT, DR/DL
Soft Tissue Ultrasound	20 Level 7	PT, DR/DL
Musculoskeletal Ultrasound Guided injections	20 Level 7	PT, DR/DL
Obstetrics 1 <sup>st</sup> Trimester Ultrasound	20 Level 7	PT, DR/DL
Obstetrics 2 <sup>nd</sup> and 3 <sup>rd</sup> Trimester Ultrasound	20 Level 7	PT, DR/DL
Gynaecology Ultrasound	20 Level 7	PT, DR/DL
Negotiated Ultrasound Skill (such as Vascular, Breast, Vascular screening (Abdominal Aortic Aneurysm (AAA) or DVT or Carotids), Nuchal Translucency (NT) Screening, Gynaecology Contrast Ultrasound)	20 Level 7	PT, DR/DL
Work-based Practice	20 Level 7	PT, DL
Structured Learning Event	20 Level 7	PT, DL
Evidence-based Practice	20 Level 7	PT, DR/DL
Current Advances in Practice	20 Level 7	PT, DL
*Research Methods (for MSc)	20 Level 7	PT, DR/DL
*Dissertation (for MSc)	40 Level 7	PT, DL
*Audit Methods (for MSc)	20 Level 7	PT, DR
*Clinical Audit (for MSc)	40 Level 7	PT, DL

\* denotes a core/compulsory module

PT = Part-Time, DR = Day Release, DL = Distance Learning

#### **Methods of Assessment**

ACADEMIC	Assignments, Case Studies and OSE for Science and Instrumentation
CLINICAL	Logbooks and Practical Examination

#### 4. Entry Requirements for Prospective Students

You'll need a recognised professional qualification or a first degree in a relevant healthcare subject in line with the admissions regulations.

When you apply you should also include a Clinical Workplace Agreement (completed by the work-place supervisor/mentor), just to make sure you can meet all the clinical requirements of the course. A limited number

of placements are available at the School of Medical Ultrasound should you be interested; assigned and reviewed by the Course Leader. Please note that this is charged at an additional cost to the course fee. Speak with our School of Medical Ultrasound team for prices, dates, and further details.

English language requirements

To be accepted onto the MSc Medical Ultrasound course you will need to demonstrate that you meet the minimum standards of English. Please note that you will need to achieve IELTS (academic) overall score of 7.0 or above with no less than 6.0 in each section or acceptable equivalent.

We also accept an undergraduate degree from a university in the UK degree or a completed undergraduate or postgraduate degree which has been taught in a 'majority English-speaking' country. These are: Antigua and Barbuda, Australia, The Bahamas, Barbados, Belize, Dominica, Grenada, Guyana, Ireland, Jamaica, New Zealand, St Kitts and Nevis, St Lucia, St Vincent and the Grenadines, Trinidad and Tobago, and United States of America.

#### 5. Recognition of Prior Learning

Applicants may apply at the time of application to be accredited (RPL) for prior level 7 (M) learning or equivalent at the discretion of the Course Leader. The amount of credit will conform to the University College's Standard Accreditation of Prior Learning and Articulation Arrangements. Focussed Short Courses are not eligible for RPL consideration.

Applications for RPL may be based on certificated or experiential learning, or a blend of the two.

Applications for Individual Unit Exemption(s) should be made in writing to the University College during the admissions process or within one month of the start of the unit for which credit is sought.

The appropriate evidence of any certificated or experiential learning must be attached to the application or provided subsequently at the request of the University College.

#### 6. Further Information & Contact Details

https://www.aecc.ac.uk/postgraduate-courses/msc-medical-ultrasound/

Course Leader Farrah Elsaghir AECC University College Parkwood Campus Bournemouth Dorset, BH5 2DF ☎ 44 (0)1202 436200 ⊠ FElsaghir@aecc.ac.uk Named Contact in Admissions/Registry Justin Reeson AECC University College Parkwood Campus Bournemouth Dorset, BH5 2DF 2 44 (0)1202 436502 admissions@aecc.ac.uk



Accredited: 1994 - present

Date of most recent Accreditation: October 2022

#### 1. Awards Offered

Awards offered	Start Month	Min & Max duration of study permitted	Mode of Study	Credits
PG Certificate Medical Ultrasound	September	Maximum 2 years	Day Release	60 level 7
PG Diploma Medical Ultrasound	September	Maximum 3 years	Day Release	120 level 7
MSc Medical Ultrasound	September & January	5 years	Day Release	180 level 7

#### 2. Number of places available each year (First year cohort)

Total for all awards: 60

#### 3. Modules Available

Module Code	Name	CATs credits	Mode of attendance	Award
LBR7547	Fundamentals of Ultrasound	20	DR/Blended	PGC*, PGD*, MSc*
LBR7544	Ultrasound in Early Pregnancy	20	DR/Blended	
LBR7547	Obstetric Ultrasound	40	DR/Blended	
LBR7546	Gynaecological Ultrasound	20	DR/Blended	
LBR7550	Abdominal Ultrasound	40	DR/Blended	
LBR7548	Vascular Ultrasound	40	DR/Blended	
LBR7549	Negotiated Specialist Subject	20	DR/Blended	
LBR7639	Negotiated Specialist Subject 2	20	DR/Blended	

LBR7537	Open Module	20	DR/Blended	
LBR7339	Research: Methods of Enquiry	20	DR/Blended	PGD*, MSc*
LBR7399	Leadership for Advanced Practice	20	DR/Blended	MSC**
LBR7638	Theoretical Fetal Medicine	20	DR/Blended	
LBR7637	Musculoskeletal Ultrasound	40	DR/Blended	
LBR7367	Masters Project	40		MSc**
LBR7437	Masters Project	60		MSC*

\* denotes a core/compulsory module, \*\* denotes option for MSc, DR = Day Release, Blended = mixture of face to face and online delivery

#### Methods of Assessment

	Fundamentals of Ultrasound
ACADEMIC	Two 60-minute invigilated assessments
	Part A: 60 minutes Physics and Technology questions.
	Part B: 2000 word professional issue essay
	<b>Obstetric Ultrasound; Abdominal Ultrasound and Vascular Ultrasound,</b> <b>Musculoskeletal Ultrasound:</b> Within the academic environment the summative assessment will be in the form of a 2000-word case study and a 30 minute Viva Voce undertaken at the university.
	<b>Gynaecological Ultrasound and Ultrasound in Early Pregnancy, Negotiated Specialist</b> <b>Subject 1 and 2:</b> Within the academic environment the summative assessment will be in the form of a 2000-word case study.
	<b>Theoretical Fetal Medicine:</b> Within the academic environment the summative assessment will be in the form of a 1500-word assignment based on a Fetal medicine scenario. and a 60-minute invigilated assessment (online).
	<b>Research: Methods of Enquiry.</b> Within the academic environment the summative assessment will be in the form of a 20-minute prerecorded PowerPoint presentation and 10 minute Q&A on Microsoft teams.
	Leadership for Advanced Practice: 3000-word Management proposal.
	<b>The Dissertation:</b> There are two options: A 40 credit 10000 word or 60 credit 15000-word submission of a dissertation or professional practice project.
CLINICAL	<b>Obstetric Ultrasound; Abdominal Ultrasound and Vascular Ultrasound,</b> <b>Musculoskeletal Ultrasound:</b> Within the clinical environment the student will produce a Clinical portfolio which will include: a diary of clinical hours, a log book of examinations and summative clinical assessment.

0	Gynaecological Ultrasound and Ultrasound in Early Pregnancy, Negotiated Specialist
S	Subject 1 and 2: Within the clinical environment the student will produce a Clinical
l p	portfolio which will include: a diary of clinical hours, a log book of examinations and
S	summative clinical assessment.

#### 4. Entry Requirements for Prospective Students

#### **Generic Criteria for Admission to Level 7 Programmes**

Candidates must satisfy the general requirements of the programme, which are as follows:

- A first degree in a health-related subject with a classification of lower second class (2:2) or above, or an equivalent professional qualification with two years post qualification experience.
- Minimum of 2 years professional experience.
- Working in an appropriate area of practice with specific agreement of employer.
   (You will be required to have a named supervisor who holds a CASE accredited ultrasound qualification before you can start on the programme.)

EU students should additionally have an English Language qualification as specified by the International Office.

International students are not accepted for this course.

#### 5. Recognition of Prior Learning

The student completes an APA/APEL form, giving the modules for which they want credit. They provide evidence that they have achieved the learning outcomes of these modules and then complete the form with the help of a course team member. The form and evidence are assessed by two members of the course team and a recommendation made to the APA/APEL office. This must be completed prior to commencing the course.

#### 6. Further Information & Contact Details

#### https://www.bcu.ac.uk/courses/medical-ultrasound-msc-2022-23#fees\_how\_to\_apply\_

#### **Course Lead**

Named Contact in Registry Mark O'Hara

Gemma Smith & James Michael Postgraduate Medical Ultrasound Programme Leads Department of Radiography Faculty of Health, Education and Life Sciences Birmingham City University Birmingham, B15 3TN

**2** 0121 202 4245

⊠ <u>Gemma.smith@bcu.ac.uk</u>

⊠ James.michael@bcu.ac.uk





Accredited: 2019 - present

Date of most recent Accreditation: September 2019

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
MSK Ultrasound PG Cert	September	1 year minimum 2 years maximum	Part time	60

#### 2. Number of places available each year (First year cohort): 24

#### 3. Modules available

Module Title	Credits	Mode of attendance
Module 1: Fundamentals of Musculoskeletal Ultrasound	30	РТ
Module 2: Integrating Musculoskeletal Ultrasound into practice	30	РТ

\* denotes a core/compulsory module

FT = Full Time, PT = Part-Time, BR = Block Release, DL = Distance Learning

#### Methods of Assessment

ACADEMIC	<ul> <li>Module 1:</li> <li>Completion of mandatory online lectures with multiple choice questions</li> <li>VIVA assessment</li> </ul>
	Physics multiple choice and short answer question paper
	Module 2: • Oral case study presentation

CLINICAL	Module 1:
	Practical
	Module 2:
	<ul> <li>Logbook submission of 250 scans (100 supervised, 150 mentored)</li> </ul>
	Work-based learning assessment
	Mentor sign-off of competence

#### 4. Entry Requirements for Prospective Students

- A UK first or 2:1 Honours degree, or equivalent internationally recognised qualification.
- Registered to practice as an allied health or medically trained professional.
- Registered with the Health and Care Professionals Council or General Medical Council in one of the relevant allied health professions, or equivalent for other professionals.
- Able to demonstrate support from your employer / sponsor including confirmation that you'll have appropriate supervised practise in the clinical area in which you're expected to use ultrasonography.
- Have sufficient relevant post-qualification experience in the clinical area in which you will be scanning.
- Able to demonstrate that clinical governance arrangements are in place to support safe and use of diagnostic ultrasonography.
- Have an approved clinical mentor who has agreed to offer you work-based learning. This is advised to be a minimum of 14 hours per week.
- Have demonstrable DBS checks and immunisations.

#### 5. Accreditation of Prior Learning (APL/APEL)

APEL may be considered for certain aspects of this course however it will be considered on an individual basis.

#### 6. Further Information & Contact Details

https://www.brunel.ac.uk/study/postgraduate/Musculoskeletal-Ultrasound-PGCert

#### Course Leader:

Tara Potier ☎44(0)1895 274000 ⊠ <u>tara.potier@brunel.ac.uk</u>





Accredited: 2023 - present

Date of most recent Accreditation: May 2023

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
PG Cert MSK Ultrasound, Foot & Ankle	September	1 year minimum 2 years maximum	Part time	60

#### 2. Number of places available each year (First year cohort): 24

#### 3. Modules available

Module Title	Credits	Mode of attendance
Module 1: Fundamentals of Musculoskeletal Ultrasound, Foot & Ankle	30	РТ
Module 2: Integrating Musculoskeletal Ultrasound into practice, Foot & Ankle	30	РТ

\* denotes a core/compulsory module

FT = Full Time, PT = Part-Time, BR = Block Release, DL = Distance Learning

#### Methods of Assessment

ACADEMIC	Module 1:
/ C/ DEIVIC	Completion of mandatory online lectures with multiple choice questions
	VIVA assessment
	Physics multiple choice and short answer question paper

	Module 2:
	Oral case study presentation
CLINICAL	Module 1:
CLINICAL	Practical
	Module 2:
	<ul> <li>Logbook submission of 250 scans (100 supervised, 150 mentored)</li> </ul>
	Work-based learning assessment
	Mentor sign-off of competence

#### 4. Entry Requirements for Prospective Students

- A UK first or 2:1 Honours degree, or equivalent internationally recognised qualification.
- Registered to practice as an allied health or medically trained professional.
- Registered with the Health and Care Professionals Council or General Medical Council in one of the relevant allied health professions, or equivalent for other professionals.
- Able to demonstrate support from your employer / sponsor including confirmation that you'll have appropriate supervised practise in the clinical area in which you're expected to use ultrasonography.
- Have sufficient relevant post-qualification experience in the clinical area in which you will be scanning.
- Able to demonstrate that clinical governance arrangements are in place to support safe and use of diagnostic ultrasonography.
- Have an approved clinical mentor who has agreed to offer you work-based learning. This is advised to be a minimum of 14 hours per week.
- Have demonstrable DBS checks and immunisations.

#### 5. Accreditation of Prior Learning (APL/APEL)

APEL may be considered for certain aspects of this course however it will be considered on an individual basis.

#### 6. Further Information & Contact Details

## https://www.brunel.ac.uk/study/postgraduate/Musculoskeletal-Ultrasound-PGCert

#### **Course Leader:**

Tara Potier ☎44(0)1895 274000 ⊠ tara.potier@brunel.ac.uk



Accredited: 2019 - present

Date of most recent Accreditation: July 2019

#### 1. Awards Offered

Awards offered	Start Month	Min & Max duration of study permitted	Mode of Study see codes at item 3	Credits
PgC – Musculoskeletal Ultrasound	January	12 months min/max	BR & DL PT	60

#### 2. Number of places available each year (First year cohort)

PgCert: 18

#### 3. Modules Available

Module Code	Module Title	Credits	Mode of Attendance
MPCPH4PST	Principles of Science and Technology in Medical Ultrasound *	20	BR
MPCPH4TMU	Techniques in Musculoskeletal Ultrasound*	20	BR
MPCPH4CAM	Clinical Applications & Management in Musculoskeletal Ultrasound*	20	DL

\* denotes a core/compulsory module, BR = Block release/PT = Part-Time/FT = Full Time/DL = Distance Learning

#### Methods of Assessment

ACADEMIC	Three-hour unseen written exam; 20-minute oral presentation; A1 poster; case study; audit and reflective analysis essay
CLINICAL	Summative clinical assessment in musculoskeletal ultrasound

#### 4. Entry Requirements for Prospective Students

Applicants will normally:

- Be registered with either the Health & Care Professions Council (HCPC), the Nursing & Midwifery Council (NMC) or the General Medical Council (GMC).
- Have a relevant first degree (e.g. BSc (Hons) Physiotherapy or BSc (Hons) Diagnostic Radiography). Ideally, this should be a first-class degree or a 2:1.
- Be employed / work within the NHS or the Independent Sector in an appropriate clinical role AND have the full support of their employer to undertake the programme of study. This is vital to ensure that they will be released for the minimum two days per week for twelve months for the workbased module in order to successfully achieve the necessary clinical competencies.
- Have an agreed Clinical Placement with an identified Clinical Supervisor and Independent Assessor for the minimum two days per week for twelve months for the workbased module in order to successfully achieve the necessary clinical competencies. The proposed Clinical Placement will be audited to ensure that it meets the requirements of the programme.
- Applicants who do not have English as their first language will need a minimum of IELTS of 7.0 or equivalent, with no less than 6.0 in Writing and no less than 5.5 in Reading, Speaking and Listening. We are able to accept other English qualifications, including Bachelor's and Master's degrees depending upon the country of issue.

#### 5. Recognition of Prior Learning

The Programme follows the University regulations regarding the recognition of prior certificated learning (RPCL). Qualified sonographers can choose to undertake just modules 2 and 3 in order to be awarded 40 HE7 credits. Alternatively, if their ultrasound qualification is less than five years old, sonographers can pay an administration fee to use the University's Recognition of Prior Certificated Learning process to formally recognise their previous ultrasound physics module in place of the Principles of Science and Technology in Medical Ultrasound module to be awarded a PgC Musculoskeletal Ultrasound. It is not possible to do modules 1, 2 or 3 in isolation.

#### 6. Further Information & Contact Details

## https://www.canterbury.ac.uk/study-here/courses/postgraduate/musculoskeletal-ultrasound

#### **Course Leader**

Gillian Dolbear Course Director for PgC Musculoskeletal Ultrasound School of Allied and Public Health Professions Faculty of Medicine, Health and Social Care Hepworth Building, Canterbury Christ Church University North Holmes Road, Canterbury Kent, CT1 1QU ☎01227 922085 ⊠gill.dolbear@canterbury.ac.uk



#### Accredited: 1993 - present

#### Date of most recent Accreditation: November 2022

#### 1. Awards offered:

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study see codes at item 3	Credits
Pg Cert Clinical Ultrasound	January 2023	9-12 months Maximum registration period 3 years	PT, BR	60, level 7
Pg Dip Clinical Ultrasound	January 2023	9-12 months Maximum registration period 3 years	PT, BR	120, level 7 (including 60 RPL)
MSc Clinical Ultrasound	January 2023	9-12 months Maximum registration period 3 years	PT, BR	180, level 7 (including 120 RPL)

#### 2. Number of places available (First year cohort)

#### 60 Students

#### 3. Modules Available

Module Code	Module Title	Credits	Mode of attendance	Award
7MWC0001	Ultrasound Physics and Equipment *	15	PT, BR	PgC only
7MWC0002	Clinical Ultrasound Practice * - Portfolio module	30	PT, BR	PgC only
7MWC0003	Obstetrics and Gynaecology ultrasound	15	PT, BR	PgC/PgD
7MWC0004	General Medical Ultrasound	15	PT, BR	PgC/PgD
7MWC0005	Musculoskeletal Ultrasound	15	PT, BR	PgC/PgD

7MWC0006	Advanced Clinical Ultrasound Practice *	30	PT, BR	PgD only
7MWC0007	Research and Service Innovation *	15	PT, BR	PgD only
7MWC0008	Directed Reading (specialist or advanced ultrasound practice) - Negotiated topics could include specialist early pregnancy or gynaecology, vascular, obstetrics, PoCUS, or general medical ultrasound topics with a focused portfolio	15	PT, BR	PgC/PgD
7MWC0009	Clinical Ultrasound Dissertation*	60	PT, BR	MSc

\* denotes a core/compulsory module, BR = Block release, PT = Part-Time, DL = Distance Learning

#### Methods of Assessment

ACADEMIC	Clinical topic modules (Obstetrics and Gynaecology, General Medical Ultrasound and Musculoskeletal Ultrasound) are examined through a peer learning presentation focusing on the ultrasound appearances of various pathologies and an in-person computer-based exam.
	The PG Cert Physics and Equipment module is assessed through submission of a structured workbook and in-person computer-based exam.
	The Research and Service Innovation module is assessed through submission of a 3000-word systematic scoping review and a research project proposal.
	The Directed Reading module is assessed through development of a 4000-word educational essay or training resource.
CLINICAL	Clinical skills and the integration of theory with practice are assessed in the Pg Cert Clinical Ultrasound Practice and Pg Dip Advanced Clinical Ultrasound Practice modules through delivering a Case Study Presentation (Pg Cert) or Case Report (PG Dip) and submission of a Clinical Portfolio of Evidence. Mandatory elements of the portfolio of evidence include a skills gap analysis and summary of achievement, attendance sheet, logbook of examinations, details of supervisor's observations and feedback, case notes and reflections, details of a visit to another department, and a CPD/preceptorship plan. PASS/FAIL elements include an externally examined work- based clinical proficiency assessment and online viva conducted by the teaching team.

#### 4. Entry Requirements for Prospective Students

Prospective Pg Cert students will need to have secured a 21 hour per week clinical placement hosted by a suitable placement provider. Please contact the Programme Director if you are unsure of the suitability of your placement provider. For 2<sup>nd</sup> year PG Dip students, this requirement drops to a minimum of 14 hours per week.

Prospective students must have their employer's agreement to undertake the course and be provided with adequate supervision, time, and facilities to meet the learning outcomes of the programme.

Prospective students are required to have English language skills equivalent to IELTS level 7

Students may apply to access the Pg Dip or MSc directly by demonstrating Recognised Prior Learning. Prospective MSc students are required to submit a project proposal as part of their application.

Successful applicants will typically have an honours degree of a 2:2 or above and a professional healthcare qualification.

#### 5. Recognition of Prior Learning

Recognition of Prior Learning (RPL) is considered on a case-by-case basis.

#### 6. Further Information & Contact Details

Clinical Ultrasound - King's College London (kcl.ac.uk)

#### **Programme Directors**

Dr Emma Chung and Mr Amir Bennett Faculty of Life Sciences and Medicine King's College London Room 325a, Shepherd's House Guy's Campus, LONDON SE1 1UL

#### **Admissions Contact**

Ms Michelle Cartin Admissions Tutor Clinical Ultrasound

SLCPS\_Ultrasound\_Admissions@kcl.ac.uk

 2020 7848 8396
 emma.chung@kcl.ac.uk amir.bennett@kcl.ac.uk

# Sheffield Hallam University

Accredited: 1993 - present

#### Date of most recent Accreditation: October 2018

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
PG Certificate Medical Ultrasound Practice in one of the following: Obstetric Ultrasound/ Gynaecological Ultrasound/ Abdominal Ultrasound/ Musculoskeletal Ultrasound/ Focused Scope Ultrasound Practice	September	12 months minimum 6 years maximum	Day Release	60
PG Diploma in Medical Ultrasound Practice	September	2 years minimum 6 years maximum	Day Release	120
MSc Medical Ultrasound Practice	September	3 years minimum 6 years maximum	Day Release	180

#### 2. Number of places available each year (First year cohort)

PgCert:2 0 PgDip: 20 MSc: subject to suitable supervisor allocation

#### 3. Modules Available

Module Code	Module Title	Credits	Mode of attendance
APSUP	Applied Physics for Safe Ultrasound Practice*	15*	DR
OBS	Obstetric Ultrasound Practice	30	DR
ABDO	Abdominal Ultrasound Practice	30	DR
MSK	Musculoskeletal Ultrasound Practice	30	DR
GYNAE	Gynaecological Ultrasound Practice	15	DR

NEG	Negotiated Topic Ultrasound Practice	15	DR
	Leadership in practice	15	DL
	Evaluating service improvement	15	DL
	Researching for practice *	15*	DR or DL
	Contemporary issues in advanced practice	15	DR or DL
	Dissertation Module* (for MSc)	45*	DL
	Dissertation Module* (for MSc)	60*	DL

\* denotes a core/compulsory module

#### *DL* = *Distance Learning*

#### Methods of Assessment

ACADEMIC	Applied ultrasound physics for safe ultrasound practice:		
	<ul> <li>Computer based assessment (60 minutes)</li> </ul>		
	Written assignment (2000 words)		
	Clinical 30 credit modules:		
	Obstetric practice, Abdominal and general ultrasound practice and MSK ultrasound practice:		
	<ul> <li>Course work: Case study presentation, annotated bibliography and reflection on personal professional practice.</li> <li>Clinical assessment</li> </ul>		
	Clinical 15 credit modules:		
	Gynaecological ultrasound practice, Negotiated learning ultrasound practice.		
	<ul> <li>Course work: Case study poster presentation.</li> </ul>		
	Clinical assessment.		
	Researching for practice (15 credits) – written assignment.		
	Leadership In Practice (15 credits) - written assignment Contemporary Issues in Advancing Practice (15 credits) – Presentation		
	Evaluating service improvement (15 credits) – Academic poster		
	Dissertation module (45 credits) – 9000 word dissertation.		
	Dissertation module (60 credits) – 9000 word dissertation plus VIVA.		
CLINICAL	For all clinical modules, students must complete a clinical portfolio which may include:		
	<ul> <li>A log book of examinations</li> </ul>		
	<ul> <li>Formative clinical assessments</li> </ul>		
	<ul> <li>A summative clinical assessment</li> </ul>		
	Summative clinical assessments are completed in the students' own clinical		
	department.		
	for each module, including the accordance can be found have.		
Further details	for each module, including the assessments can be found here:		
https://www.	shu.ac.uk/study-here/options/health-and-social-care/short-courses-and-modules		

#### 4. Entry Requirements for Prospective Students

Candidates for the part time MSc Medical Ultrasound or one of the intermediate awards should usually satisfy the following conditions: -

- Applicants will hold a BSc degree (or equivalent professional qualification) which is recognised in the UK by a professional standards regulating body.
- Applicants must be employed in or have access to a minimum of 14 hours per week appropriately supervised clinical placement for award routes.

The University is not responsible for finding clinical placements for applicants. Entry into the programme will be determined by the suitability of the clinical placement and access to appropriate workload to support student learning.

#### 5. Recognition of Prior Learning

The ultrasound programme allows a maximum of two thirds of the total credits at each stage can be claimed for by Recognition of Previous Learning processes (RPL). The remaining one third of the credit required for a Sheffield Hallam University award must be studied at the University.

Consideration takes place within SHU's assessment and regulatory framework, which is designed to ensure that assessment decisions are conducted transparently, fairly and consistently for all programmes or subjects. What is often required in practice is varied but can include completion of an application or proposal form, a portfolio of learning (if required) and in all cases approval by a faculty RPL panel.

The QAA indicators of sound practice are fully adhered to, and SHU publishes comprehensive guidance on RPL which is available to read publicly on 'shuspace' under Rules and Regulations: <u>https://www.shu.ac.uk/study-here/how-to-apply/postgraduate/recognise-prior-learning</u>.

#### 6. Further Information & Contact Details

https://www.shu.ac.uk/courses/diagnostic-radiography/msc-medical-ultrasound-practice/part-time

Course Leader Liz Bullivant Ultrasound Course Leader Robert Winston Building Broomhall Road Collegiate Campus Sheffield Hallam University Sheffield South Yorkshire S10 2BP ☎ 0114 225 2260 ⊠ e.bullivant@shu.ac.uk Named Contact in Registry Gabrielle Latham Senior Quality Officer (KIS) Student Experience Team Quality Enhancement City Campus Sheffield Hallam University Sheffield S10 2BP ☎ 0114 225 4980 ☑ reggl@exchange.shu.ac.uk



Accredited: 1994 - present

Date of most recent Accreditation: April 2022

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
PG Certificate Medical Ultrasound	September	Minimum 1 year Maximum 5 years	Part-Time/Block Release	60
PG Diploma Medical Ultrasound	September	Minimum 1 year Maximum 5 years	Part-Time/Block Release	120
MSc Medical Ultrasound	September	Minimum 1 year Maximum 5 years	Part-Time/Block Release	180

#### 2. Number of places available each year (First year cohort)

PgCert: 20 PgDip: 20 MSc: 20

#### 3. Modules Available

Module Code	Module Title	Credits	Mode of attendance
MIM4042-N Core	Principles of Ultrasound Science and Technology	20	PT/BR
MIM4063-N	General Medical and Gynaecological Ultrasound	40	PT/BR
MIM4064-N	Obstetric and Gynaecological Ultrasound	40	PT/BR
MIM4027-N	Vascular Ultrasound	40	PT/BR
MIM4030-N	Negotiated Study in Medical Ultrasound Practice	40	PT/BR
MIM4061-N	Focused Negotiated Study in Medical Ultrasound Practice	20	PT/BR

MIM4069-N	Upper Limb Musculoskeletal Ultrasound	20	PT/BR
MIM4070-N	Lower Limb Musculoskeletal Ultrasound	20	PT/BR
MIM4067-N	Deep Venous Thrombus Ultrasound	20	PT/BR
MIM4066-N	Core Emergency Medicine Ultrasound	20	PT/BR
MIM4068-N	Renal/Hepato-biliary Ultrasound	20	PT/BR
MIM4065-N	Shock and Focused Echo Ultrasound	20	PT/BR
RMH4013-N	Designing Research Projects	20	PT/BR
SIH4029-N	Advanced Leadership in Health and Social care	20	PT/DL
PIH4011-N	Advanced Personal Effectiveness	20	PT/DL
RMH4009-N	Dissertation	60	PT/DL

\* denotes a core/compulsory module, BR = Block release/PT = Part-Time

#### 4. Entry Requirements for Prospective Students

Honours Degree (or equivalent)

2 years post registration experience in a related clinical practice

Support of an appropriate clinical placement and mentor

#### 5. Recognition of Prior Learning

Both RPCL and RPEL are appropriate. Applicants must complete a personal portfolio that reflects a set of learning outcomes appropriate to Level 7 that will demonstrate the applicant's ability to engage with and complete the ultrasound programme.

#### 6. Further Information & Contact Details

http://www.tees.ac.uk/postgraduate\_courses/Nursing\_Midwifery\_&\_Health\_Professions/MSc\_Medical\_Ultrasound.cfm http://www.tees.ac.uk/postgraduate\_courses/Nursing\_Midwifery\_&\_Health\_Professions/PgCert\_Medical\_Ultrasound.cfm http://www.tees.ac.uk/postgraduate\_courses/Nursing\_Midwifery\_&\_Health\_Professions/PgDip\_Medical\_Ultrasound.cfm

#### **Course Leader**

Simon Peter Richards Programme Leader School of Health & Social Care Centuria Building University of Teesside Middlesbrough Tees Valley TS1 3BA

■01642 342 589
S.richards@tees.ac.uk



Accredited: 1994 - present

Date of most recent Accreditation: March 2023

#### 1. **Awards Offered**

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
PgCert Medical Imaging (Ultrasound)	September, January & May	Minimum 12 months Maximum 36 months	Blended, Block Release Part-Time	60
PgDip Medical Imaging (Ultrasound)	September, January & May	Minimum 18 months Maximum 48 months	Blended, Block Release Part-Time	120
MSc Medical Imaging (Ultrasound)	September, January & May	Minimum 24 months Maximum 60 months	Blended, Block Release Part-Time	180

#### Number of places available each year (First year cohort): 25 2.

#### **Modules Available** 3.

Module Code	Name	CATs credits	Mode of attendance
HMSU7162	Physical Principles & Technology in Ultrasound *	20	BR
HMSU7163	Professional, Legal & Ethical Issues in Ultrasound *	20	BR
HMSU7164/9 064	Obstetric Ultrasound (and associated clinical practice module)	20	BR
HMSU7165/9 065	Gynaecological Ultrasound (and associated clinical practice module)	20	BR
HMSU7166/9 066	General Medical Ultrasound (and associated clinical practice module)	20	BR
HMSU7167/9 067	Vascular Ultrasound (and associated clinical practice module)	20	BR

HMSU7168/9 068	Musculoskeletal Ultrasound (and associated clinical practice module)	20	BR
HMSU7169/9 069	Breast Ultrasound (and associated clinical practice module)	20	BR
HMSU7070/9 070	Negotiated Ultrasound Practice 1 (and associated clinical practice module)	20	DL
HMSU7071/9 071	Negotiated Ultrasound Practice 2 (and associated clinical practice module)	20	DL
HMSU7072/9 072	Negotiated Ultrasound Practice 3 (and associated clinical practice module)	20	DL
HMSU7073	Independent Study (non-clinical)	20	DL
HMSU7074	Research Methods in Medical Imaging *(MSc)	20	BR
HMSU7075	Dissertation Module 1 (40 credit) **(MSc)	40	DL
HMSU7076	Dissertation Module 2 (60 credit) **(MSc)	60	DL

\* denotes a core/compulsory module, \*\* students must choose ONE out of the two modules for MSc,

BR = Block release/DL = Distance Learning

#### 4. Entry Requirements for Prospective Students

Applicants must have a suitable clinical placement and support from appropriately qualified practitioners for mentorship in the relevant area (s) of ultrasound practice organised prior to applying for this course. Honours degree, minimum 2.2, or equivalent qualification usually with a minimum of twelve months post registration clinical practice experience please see the university website for more details.

#### 5. Recognition of Prior Learning

Non-standard students, i.e. those without an honours degree can be admitted through the APL/APEL procedure. Each application will be dealt with on an individual basis, amount and range of experience as well as relevant courses and research activity will be assessed by the course tutor and APEL Committee.

#### 6. Further Information & Contact Details

www.cumbria.ac.uk/study/courses/postgraduate/medical-imaging-ultrasound-msc/ https://www.cumbria.ac.uk/study/courses/postgraduate/medical-imaging-ultrasound-pgd/ https://www.cumbria.ac.uk/study/courses/postgraduate/medical-imaging-ultrasound-pgc/

#### **Course Leader**

Dr Gareth Bolton Senior Lecturer Institute of Health University of Cumbria Bowerham Road Lancaster, LA1 3JD

☎ 01228 242779☑ Gareth.Bolton@Cumbria.ac.uk

## Admissions Tutor

Mrs Lorelei Waring Senior Lecturer Institute of Health University of Cumbria Bowerham Road Lancaster, LA1 3JD

☎ 01228 242770☑ Lorelei.Waring@Cumbria.ac.uk

Postgraduate & CPD Admissions: pgadmissions@cumbria.ac.uk



Direct Graduate Entry, Accelerated Route

Accredited: 2015 - present

Date of most recent Accreditation: March 2023

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
MSc Medical Imaging (Ultrasound)	January	2 years Full Time	Full Time	180

#### 2. Number of places available each year (First year cohort): 8-10

#### 3. Modules Available

Module Code	Name	CATs credits	Mode of attendance
HMSU7162	Physical Principles & Technology in Ultrasound *	20	BR
HMSU7163	Professional, Legal & Ethical Issues in Ultrasound *	20	BR
HMSU7164/9 064	Obstetric Ultrasound (and associated clinical practice module)	20	BR
HMSU7165/9 065	Gynaecological Ultrasound (and associated clinical practice module)	20	BR
HMSU7166/9 066	General Medical Ultrasound (and associated clinical practice module)	20	BR
HMSU7167/9 067	Vascular Ultrasound (and associated clinical practice module)	20	BR
HMSU7168/9 068	Musculoskeletal Ultrasound (and associated clinical practice module)	20	BR
HMSU7169/9 069	Breast Ultrasound (and associated clinical practice module)	20	BR
HMSU7070/9 070	Negotiated Ultrasound Practice 1 (and associated clinical practice module)	20	DL

HMSU7071/9 071	Negotiated Ultrasound Practice 2 (and associated clinical practice module)	20	DL
HMSU7072/9 072	Negotiated Ultrasound Practice 3 (and associated clinical practice module)	20	DL
HMSU7073	Independent Study (non-clinical)	20	DL
HMSU7074	Research Methods in Medical Imaging *(MSc)	20	BR
HMSU7075	Dissertation Module 1 (40 credit) **(MSc)	40	DL
HMSU7076	Dissertation Module 2 (60 credit) **(MSc)	60	DL

\* denotes a core/compulsory module, \*\* students must choose ONE out of the two modules for MSc. **Module** choices are made by the placement and not the student.BR = Block release/DL = Distance Learning

#### 4. Entry Requirements for Prospective Students

Please see further details on the website, link below.

#### 5. Recognition of Prior Learning

APL is not usually accepted for this award.

#### 6. Further Information & Contact Details

Gareth.Bolton@cumbria.ac.uk

www.cumbria.ac.uk/study/courses/postgraduate/accelerated-route-medical-ultrasound-direct-entry/

Course Leader	Admissions Tutor
Dr Gareth Bolton	Mrs Lorelei Waring
Senior Lecturer	Senior Lecturer
Institute of Health	Institute of Health
University of Cumbria	University of Cumbria
Bowerham Road	Bowerham Road
Lancaster, LA1 3JD	Lancaster, LA1 3JD
🖀 01228 242779	<b>2</b> 01228 242770

🖂 Lorelei.Waring@Cumbria.ac.uk

Postgraduate & CPD Admissions: pgadmissions@cumbria.ac.uk



Accredited: 1993 - present

#### Date of most recent Accreditation: October 2022

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
University Certificate in Negotiated Specialist Ultrasound	September	Minimum 1 year Maximum 2 years	Distance Learning Block Release	40
PG Certificate in Medical Ultrasound (PT)	September	Minimum 1 year Maximum 2 years	Distance Learning Block Release	60
PG Diploma in Medical Ultrasound (PT)	September (Some of our optional distance learning modules are offered in January or September)	Minimum 2 years Maximum 4 years	Distance Learning Block Release	120
MSc Medical Ultrasound (PT / FT)	September	Minimum 2 years (FT) Maximum 5 years (PT)	Distance Learning Block Release	180

#### 2. Number of places available each year (First year cohort)

PgCert: 30 (PT) PgDip: 30 (PT) MSc: 8-10 (FT)

#### 3. Modules Available

Module Code	Module Title	Credits	Mode of attendance
7RD500	Advanced Technology	20	DL
7RD501	Advanced Communication Skills	20	DL
7RD502	Advancing Practice	20	DL
7RD509	Negotiated Specialist Ultrasound Practice 1	20	DL

Module Code	Module Title	Credits	Mode of attendance
7RD510	Negotiated Specialist Ultrasound Practice 2	20	DL
7RD511	General Medical Ultrasound	40	BR
7RD512	Gynaecology Ultrasound	20	BR
7NU997	Independent Scholarship	60	DL
7RD532	Scientific Project for Imaging Practice	40	DL
7RD515	Obstetric Ultrasound	40	BR
7RD516	Principles of Medical Ultrasound (*FT / PT pathway)	20	DL/BR
7OT513	Research Methods	20	DL
7NU508	Research Methodologies – Application to Advanced Practice	20	DL
7IP500	Research Skills for Practice (*FT pathway)	20	DL/DR
7RD522	Ultrasound in Early Pregnancy Assessment	20	BR
7RD523	Vascular Ultrasound	40	BR
7RD542	Head and Neck Ultrasound	20	DL
7RD543	Negotiated Interventional Ultrasound Practice	20	DR/DL

\* denotes a core/compulsory module, DL =Distance Learning/DR = Day Release / BR=Block release

#### **Methods of Assessment**

ACADEMIC	For the clinical modules (Obstetric, Gynaecology, Early pregnancy, General Medical, Vascular Ultrasound):
	Academic assessment includes a topic review of a negotiated area of ultrasound practice evidencing a critical review of current literature. This can be presented as either a 3000 word written report or a Poster and written abstract and summary of search strategy.
	A computer based OSE of 60 minutes for 20 credit modules or 80 minutes for 40 credit modules.
	For negotiated ultrasound modules (NSUP1, NSUP2, NIUP, Head and Neck Ultrasound):
	A written e-portfolio of 4000 words evidencing development of the negotiated area of clinical practice. Evidence of rationale for role extension and learning journey. The portfolio should evidence ongoing development of self-audit practice in line with current guidance.

CLINICAL	For all clinical and negotiated modules:
	Formative clinical assessments performed throughout the module (minimum of 3) by the workplace mentor.
	Summative clinical assessment performed within the clinical department by the workplace mentor and independent academic assessor. PASS/FAIL assessment component.

#### 4. Entry Requirements for Prospective Students

- Science **OR** health related degree (preferred) at **2:1** or above.
- English language skills equivalent to IELTS level 7

**Registered health professionals:** You will hold a profession specific honours degree at **2:1** or above (for example Radiography, Nursing, Medicine, etc). If your degree is over five years old, then we would normally expect evidence of successful study at level 6 or above in the past two years.

Consideration may also be given to candidates who present with appropriate professional diploma level qualifications and relevant post-registration experience. Non-standard entrants will be considered on a case by case basis.

All applicants to the **PT** pathway must have management support and an agreed clinical placement.

**Direct graduate applicants:** You will hold a **science or health care related** degree (preferred) at **2:1** or above. If your degree is over five years old, then we would normally expect evidence of successful study at level 6 or above in the past two years.

- You must also have five GSCE passes at grade C or above, including maths and English language. If your first degree is not in a pure science (biology, chemistry or physics), or you do not have a pure science A level at grade B or above then you must have at least one pure science at GCSE, grade C or above.
- You must have had some recent work experience in an Ultrasound department.

#### 5. Recognition of Prior Learning

APEL permitted. The system operates on an individual basis

https://www.derby.ac.uk/courses/postgraduate/medical-ultrasound-msc/

Course Leader: Mrs Rebecca White

#### Admissions Contact

JP Mayes Senior Lecturer in Diagnostic Imaging College of Health & Social Care Kedleston Road, Derby DE22 1GB

( +44 (0)1332 593076 \*<u>Admissions\_US@derby.ac.uk</u>

#### Named Contact in Registry

qualitymanagers@derby.ac.uk College Lead in Quality Enhancement Learning Enhancement Division University of Derby Kedleston Road Derby DE22 1GB

(+44 (0)1332 592374 \*<u>p.bushby@derby.ac.uk</u>



Accredited: 2017 - present

Date of most recent Accreditation: February 2023

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
Postgraduate Certificate Musculoskeletal Ultrasound Imaging	September	No minimum. Registration for all modules in 5-year period.	Part-Time	60
Postgraduate Diploma Musculoskeletal Ultrasound Imaging	September	No minimum. Registration for all modules in 5-year period.	Part-Time	120
MSc Musculoskeletal Ultrasound Imaging	September	No minimum. Registration for all modules in 5-year period.	Part-Time	180

#### 2. Number of places available each year (First year cohort): Not capped

#### 3. Modules available

Module Title	Credits	Mode of attendance
Technical Considerations in Ultrasound Imaging	15*	РТ
Introduction to Musculoskeletal Ultrasound	15*	PT
Musculoskeletal Ultrasound in Professional Practice	30*	PT

Musculoskeletal Ultrasound Guided Injections	30	РТ
Soft and Joint Injection therapy + Skill Extension for Injection Practitioners: Ultrasound Guidance	15 + 15	РТ
Leading Change in Healthcare	30	РТ
Research theory module options	30*	РТ
Musculoskeletal Ultrasound, Clinical Skills Experience – scanning record	0	РТ
Dissertation	60*	РТ

\* denotes a core/compulsory module

FT = Full Time, PT = Part-Time, BR = Block Release, DL = Distance Learning

#### **Methods of Assessment**

ACADEMIC	Technical considerations in ultrasound imaging – MCQs and short coursework submission
	Introduction to Musculoskeletal Ultrasound – coursework
	Leading Change in Healthcare – coursework
	Musculoskeletal Ultrasound Guided Injections , Soft and Joint Injection therapy + Skill Extension for Injection Practitioners: Ultrasound Guidance – course work and clinical requirements
	Postgraduate research methods, (distance learning) – coursework
	Dissertation module – dissertation
CLINICAL	Musculoskeletal Ultrasound in Professional Practice – log book, evaluation of clinical activities and clinical examination.
	Musculoskeletal Ultrasound Guided Injections , Soft and Joint Injection therapy + Skill Extension for Injection Practitioners: Ultrasound Guidance – course work and clinical requirements
	Musculoskeletal Ultrasound, Clinical Skills Experience – scanning record – log book

#### 4. Entry Requirements for Prospective Students

- A relevant first degree OR a relevant professional experience or qualifications that demonstrates ability to study at Level 7
- A minimum of 1-year post-registration experience and relevant musculoskeletal experience.
- HCPC or equivalent registration e.g. in case of doctors (GMC) and Nurses (NMC), non-radiographer sonographers must evidence their qualification.
- Access to support in the workplace, (or mentor's workplace) to enable completion of clinical learning requirements. The university can direct students to a mentorship provider fees apply.

#### 5. Accreditation of Prior Learning (APL/APEL)

Standard university procedures generally apply. Students can use musculoskeletal ultrasound PGCert from specific universities to APL for MSc Musculoskeletal Ultrasound

#### 6. Further Information & Contact Details

www.essex.ac.uk/sres/pg

Course Leader Sarah-Jane King School of Sport, Rehabilitation and Exercise Sciences University of Essex Wivenhoe Park Colchester, CO4 3SQ

#### Named Contact in Registry

Ian Mounteney – Deputy School Manager School of Sport, Rehabilitation and Exercise Sciences University of Essex Wivenhoe Park Colchester, CO4 3SQ

⊠ <u>skingg@essex.ac.u</u>

☎ (01206) 873348⊠ msk@essex.ac.uk

# University of Hertfordshire

Accredited: 1994 – 2014

2019 (for courses starting Sept 2020) - present

Date of most recent Accreditation: November 2019

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study (see codes at item 3)	Credits
PgCert Medical Ultrasound	October	1-2years	PT, BR	60
PgCert Early Pregnancy & Emergency Gynaecological Ultrasound	October	1-2years	PT, BR	60
PgCert Obstetric Ultrasound	October	1-2years	PT, BR	60
PgCert Musculoskeletal Ultrasound	October	1-2years	PT, BR	60
PgDip Medical Ultrasound	October	1-6 years	PT, BR	120
MSc Medical Ultrasound	October	1-6 years	PT, BR	180

#### 2. Number of places available each year (First year cohort) 40

#### 3. Modules available

Module Title	Credits	Mode of attendance
Principles of Ultrasound Reporting*	15	PT, BR
Ultrasound Image Production and Optimisation*	15	PT, BR
Abdominal and General Ultrasound	30	PT, BR
Obstetric Ultrasound	30	PT, BR
Gynaecological Ultrasound	30	PT, BR
Early Pregnancy and Emergency Gynaecology Ultrasound	30	PT, BR
Musculoskeletal Ultrasound	30	PT, BR

Vascular Ultrasound Independent Work-based skills	15	PT, DL
Ultrasound Independent Work-based skills 1	15	PT, DL
Ultrasound Independent Work-based skills 2	15	PT, DL
Ultrasound Independent Work-based skills 3	30	PT, DL
Research Methods	15	PT, BR or DL
Preparation for Research Project	15	PT, BR
Research Project	30	PT, DL

\* denotes a core/compulsory module

FT = Full Time, PT = Part-Time, BR = Block Release, DL = Distance Learning

#### Methods of Assessment

ACADEMIC	Written coursework, exams, and presentations. Supported by formative opportunities
CLINICAL	Clinical portfolio and Clinical placement assessment. Supported by formative opportunities

#### 4. Entry Requirements for Prospective Students

The normal entry requirements for the programme are:

- Normally candidates will have a UK honours degree in health care and be registered with the Health and Care Professions Council or equivalent in their respective health profession.
- Employment in, or access to an appropriate NHS clinical site whilst enrolled on the programme. Students are responsible for securing an appropriate placement.
- Applicants who have completed Diploma of Medical Ultrasound and demonstrate Continued Professional Development are eligible to enrol to complete the research elements.

The programme is not open to international students.

#### 5. Accreditation of Prior Learning (APL/APEL)

APEL is considered on an individual basis.

#### 6. Contact Details

## <u>https://www.applycpd.com/herts</u>

**Course Leader** 

Dr Naomi Brown University of Hertfordshire College Lane Hatfield Hertfordshire, AL10 9AB ☎ 01707284966
 ☑ <u>N.2.Brown@Herts.ac.uk</u>

# UNIVERSITY OF LEEDS

Accredited: 1994 - present

Date of most recent Accreditation: March 2021

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
PG Certificate in Diagnostic Imaging (Medical Ultrasound)	September	Normally 1 year	Part-Time Block Release	60
PG Diploma in Diagnostic Imaging (Medical Ultrasound)	September	Normally 2 years	Part-Time Block Release	120
PG Diploma in Diagnostic Imaging (Medical Ultrasound)	September	12 months	Full-Time Block Release	120
MSc in Diagnostic Imaging (Medical Ultrasound)	September	Normally 3 years	Part-Time Block Release Day Release	180

#### 2. Number of places available each year (First year cohort)

PgCert: 20 PgDip: 30 MSc: 15 (numbers variable per year)

#### 3. Modules Available

Module Code	Name	CATs credits	Mode of attendance	Award
ARCS 5256M	Science & Technology of Ultrasound*	15	DR	PGC/PGD/MSc
ARCS 5258M	Professional Issues in Diagnostic Imaging*	15	DR	PGC/PGD/MSc
ARCS 5253M	Obstetric Ultrasound	30	DR	PGC/PGD/MSc
ARCS 5219M	Gynaecological Ultrasound	30	DR	PGC/PGD/MSc
ARCS 5220M	General Medical Ultrasound	30	DR	PGC/PGD/MSc

ARCS5270M	Research for Diagnostic Imaging**	15	DR	PGC/PGD/MSc
ARCS 5262M	Diagnostic Imaging Dissertation**	45	DR	MSc

\* denotes a compulsory module, \*\* denotes compulsory module for students studying some specialist areas, BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release/DL = Distance Learning

#### **Methods of Assessment**

ACADEMIC	Unseen examinations, case reports, Evaluating Diagnostic Images Examinations, written assignments
CLINICAL	Assessment of clinical competence

#### 4. Entry Requirements for Prospective Students

1. Normally a BSc (at least 2:1\*) honours health related degree from a recognised higher education institution in an appropriate subject e.g. BSc (Hons.) in Radiography, Nursing, Midwifery, Clinical Physiology or Medicine.

2. Have secured a suitable clinical placement (where appropriate) and:

- employment with, or secondment to, a diagnostic imaging department or with access to diagnostic imaging facilities, approved by the University of Leeds
- identification of two suitably qualified clinical mentors within this department
- Employer's written agreement to undertake the course and provide adequate time and facilities to meet the learning outcomes of the programme.
- Satisfactory interview & references.

Students may access the Post Graduate Diploma in Diagnostic Imaging (Medical Ultrasound) if they have already obtained a Diagnostic Imaging Post Graduate Certificate / related academic credit from the University of Leeds within the last five years and have maintained their clinical practice and CPD in the interim.

Students may access the MSc in Diagnostic Imaging (Medical Ultrasound) if they have already obtained a Diagnostic Imaging Post Graduate Certificate / Diploma / related academic credit from the University of Leeds within the last five years and have maintained their clinical practice and CPD in the interim.

\*those prospective applicants in possession of a 2:2 grade in a health related need to apply to the admissions contact for consideration of experiential learning

#### 5. Recognition of Prior Learning

Opportunities for accreditation of prior learning (APL) are available. Please contact the programme team on <u>diagnosticimaging@leeds.ac.uk</u> if you wish to apply for APL.

#### 6. Further Information & Contact Details

Programme Lead: Mike Kirk

#### Admissions Contact

Judith Wilkins School of Medicine, University of Leeds Worsley Building, Leeds, LS2 9UT ☎ 0113 343 7646
Main and State and



#### London South Bank University

Date of most recent accreditation: November 2023

Date the course was first accredited: March 2024

Has accreditation been continuous since the first date? Yes

Date of next University validation event:

November 2028

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study (see codes at item 3)	Credits
PgC Musculoskeletal Ultrasound Imaging	September	12 months min/max	PT, BR, DL	60

#### 2. Number of places available each year (First year cohort)

#### 20

#### 3. Modules available

Module Title	Credits	Mode of attendance
Module 1: Fundamentals of ultrasound	20	PT, DL
Module 2: Musculoskeletal ultrasound in professional practice	40	PT, BR, DL

\* denotes a core/compulsory module

FT = Full Time, PT = Part-Time, BR = Block Release, DL = Distance Learning

ACADEMIC	Module 1:					
	<ul> <li>EX1: Viva voce – Professional Issues – 30 minutes (50% weighting)</li> <li>CW1: Written assignment – Physics – 2000 words (50% weighting)</li> </ul>					
	dule 2:					
	• <b>CW2:</b> Case study and reflection in practice – 3500 words (100% weighting)					
CLINICAL	Module 2:					
	• EX1: Practical exam – Six (6) patients (Pass/Fail)					
	<ul> <li>CW1: Clinical Placement Portfolio - incl. 250 ultrasound scans and reports (Pass/Fail)</li> </ul>					

#### 4. Entry Requirements for Prospective Students

1. Applicants must have a 2:1 honours degree, or equivalent internationally recognised qualification in Health Care related subject.

2. Applicants must be registered with the relevant UK professional/regulatory body.

3. Applicants must have an appropriate amount and type of post-qualification experience in a clinical musculoskeletal or ultrasound specialism.

4. Applicants must have an appropriate clinical placement with signed agreement for sufficient scanning experience from a Practice Educator/Clinical Mentor, Internal and External Assessors, and Clinical Manager/Department Lead. No unconditional offer will be made without a clinical placement agreement form completed and signed by all parties.

#### 5. Accreditation of Prior Learning (APL/APEL)

APL will usually be granted for academic credits achieved at another CASE accredited UK ultrasound course, provided an adequate match can be made to this course. APL from those courses will be considered on a case-by-case basis but must always be at the appropriate academic level and have a high match to the learning outcomes to modules on this pathway. Hence, students applying need to evidence that their clinical competency assessment was in the musculoskeletal speciality. Any considerations on APL from other courses will be made in conjunction with the Course Director and CASE directly.

#### 7. Contact Details

<u>https://www.lsbu.ac.uk/study/course-finder/pgcert-musculoskeletal-ultrasound-imaging</u>

#### **Course Leader**

Stavros Daoukas MSc, GSR, PgCert, PhD(c) Course Director PgCert Musculoskeletal Ultrasound Imaging School of Allied and Community Health Institute of Health and Social Care London South Bank University 103 Borough Road London SE1 0AA

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#### Named Contact in Registry

Alisha Dhami Registry London South Bank University 103 Borough Road London SE1 0AA

2020 7815 6087

⊠ dhamia2@Isbu.ac.uk



#### Accredited: 1993 - 2020

#### Date of most recent Accreditation: November 2022

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study (see codes at item 3)	Credits
Postgraduate Certificate Ultrasound Imaging	January	Normally 1 year	РТ	60
Postgraduate Diploma Ultrasound Imaging	January	Normally 20 months	РТ	120
MSc Ultrasound Imaging	January	Normally 3 years	PT	180

#### 2. Number of places available each year (First year cohort) Not specified

#### 3. Modules available

Module Title	Credits	Mode of attendance
Professional Ultrasound Practice (PUP) *	15	PT, BR
Scientific Principles of Diagnostic Ultrasound (SPDU) *	15	PT, BR
General Ultrasound Imaging Theory	15	PT, BR
(GENT)		
General Ultrasound Imaging Clinical Practice (GENCP)	15	PT, BR
Gynaecology Ultrasound Imaging Theory (GYNT)	15	PT, BR
Gynaecology Ultrasound Imaging Clinical Practice (GYNCP)	15	PT, BR
Obstetric Ultrasound Imaging Theory	15	PT, BR
(OBST)		
Obstetric Ultrasound Imaging Clinical Practice (OBSCP)	15	PT, BR
Musculoskeletal Ultrasound Imaging Theory (MSKT)	15	PT, BR
Musculoskeletal Ultrasound Imaging Clinical Practice (MSKCP)	15	PT, BR

Negotiated Ultrasound Practice 1 (NUP1)	15	PT, BR
Negotiated Ultrasound Practice 1 (NUP2)	15	PT, BR
Research Methods Applied to Public Health	30	PT, BR
Principles of Advanced Practice (PACP)	15	PT, BR
Leading Education in Practice	30	PT, BR
Third Trimester Ultrasound (TTU)	15	PT, BR
Masters Dissertation (Diagnostic Imaging)	60	PT, BR

\* denotes a core/compulsory module

FT = Full Time, PT = Part-Time, BR = Block Release, DL = Distance Learning

#### Methods of Assessment

ACADEMIC	For two core modules
	<b>SPDU</b> – 20 minute Poster presentation and defence, 1 hour exam/OSE
	<b>PUP</b> – choice of 2500 word written assignment or 15 minutes recorded presentation to demonstrate critical understanding of quality service provision and/or service development.
	For all named clinical "THEORY" modules: (OBST, GYNT, MSKT, GENT)
	2500 word written assignment evaluating the role of Ultrasound in the Diagnosis and
	Management of a disease/condition (specific to named clinical module).
	For all named clinical "CLINICAL PRACTICE" modules: (OBSCP, GYNCP, MSKCP, GENCP,TTU)
	Two Critical reflective case studies to be presented from clinical practice and then questions to assess wider knowledge.
	For all negotiated clinical "CLINICAL PRACTICE" modules: (NUP1, NUP2)
	A negotiated number of Critical reflective case studies to be presented from clinical practice.
	Leading education in practice
	30 minute oral assessment/presentation
	Principles of advanced practice
	10 page written assignment
	Research methods
	1 hour MCQ exam, 4500 words written report.
	Dissertation
	A15,00 words systemised literature review OR 15,000 words negotiated project.
CLINICAL	For all named clinical and negotiated modules:
	Record of clinical achievement including -
	Formative clinical assessments and placement reports performed throughout the module (minimum of 3) by the workplace mentor.
	Summative clinical assessment performed within the clinical department by the workplace mentor and an assessor moderated by the University/University staff member.
	PASS/FAIL assessment component.

4. Entry Requirements for Prospective Students

GCSE Grade C or 4, or above, in GCSE English and GCSE Maths

IELTS 7.0 (with no component below 6.5)

Graduate healthcare professionals with a first- or second-class honours degree in a relevant health care or science related subject.

Applicants holding a nonstandard qualification or an undergraduate qualification of 2:2 or lower will be required to provide evidence of suitability for post graduate study by submitting what is required from an academic piece of work set by the University, a satisfactory personal statement and references.

The clinical modules have a clinical placement as a pre-requisite, as students need access to a relevant clinical caseload (for a minimum of 14 hours per week per clinical module) and the support of a suitably trained clinical mentor.

#### 5. Accreditation of Prior Learning (APL/APEL)

Two forms of APL may be used for entry: the Accreditation of Prior Certificated Learning (APCL) or the Accreditation of Prior Experiential Learning (APEL) and is performed on an individual basis.

APL applied for from another CASE accredited UK ultrasound course will usually be granted provided it can be sufficiently mapped against the leaning outcomes from this course.

6. Contact Details

https://www.salford.ac.uk/courses/postgraduate/ultrasound-imaging

#### **Course Leader**

Angela Booth

🖀 0161 527 4198 Ext 50097

 $\boxtimes$  a.booth@salford.ac.uk

#### Named Contact in Registry

Programme administrators
161 295 5338 opt3

⊠ hsci-dr@salford.ac.uk



Accredited: 2001 - present

Date of most recent Accreditation: August 2019

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
Pg Cert Medical Ultrasound	January	Typically 12 months	Part time Block Release	60
Pg Dip Medical Ultrasound	January	Typically 24 months	Part time Block Release	120
MSc Medical Ultrasound	January &September	Typically 36 months	Part time Block Release	180

#### 2. Number of places available each year (First year cohort)

PgCert: 65 PgDip: 30 MSc: 12

#### 3. Modules Available

Module Code	Module Title	Credits	Mode of attendance
UZYY8P-15-M	Fundamentals of US Technology*	15	PT/BR/DL
UZYY8Q-15-M	Contemporary Advances of US Technology*	15	PT/BR/DL
UZYY8S-15-M	Professional Issues in Medical Ultrasound *	15	PT/BR/DL
UZYY8R-15-M	Gynaecological Ultrasound	15	PT/BR
UZYSPJ-30-M	Obstetric Ultrasound	30	PT/BR
UZYSPH-30-M	General Medical Ultrasound	30	PT/BR
UZYSPK-30-M	Negotiated Specialist Ultrasound Practice 1	30	PT/BR
UZYSPL-30-M	Negotiated Specialist Ultrasound Practice 2	30	PT/BR
UZYSPM-15-M	Negotiated Specialist Ultrasound Practice 3	15	PT/BR
UZYSRX-15-M	Negotiated Specialist Ultrasound Practice 4	15	PT/BR
UZYSPP-15-M	Negotiated Specialist Ultrasound Practice 5	15	PT/BR

UZYYMF-15-M	Negotiated Specialist Ultrasound Practice 5	15	PT/BR
A variety of subjects can be studied within these negotiated specialist modules, including Gynaecology Scanning, Early Pregnancy, 2 <sup>nd</sup> and 3 <sup>rd</sup> Trimester, Vascular, Musculoskeletal, Fetal Echocardiography & DVT.			
UZW SPX-15-M	Methods and Methodologies*	15	PT/BR
UZYSRV-15-M	Methods and Methodologies*	15	PT/DL
UZWSUL-45-M	Dissertation*	45	PT/DL
UZWS4W-60-M	Dissertation*	60	PT/DL

\* denotes a core/compulsory module, PT= Part- time, BR = Block release, DL= Distance learning

#### Methods of Assessment

ACADEMIC	Examination, practical assignment, written assignment and Dissertation
CLINICAL	SOPE, Clinical portfolio including clinical appraisals (formative and summative), and reflection on practice

#### 4. Entry Requirements for Prospective Students

The normal entry requirement is a first degree from a recognised institution of higher Education or its equivalent in a relevant subject area. Exceptionally, students without traditional degree level qualifications may be admitted to the programme provided they can demonstrate the ability to study at Master's level.

#### 5. Recognition of Prior Learning

The acceptance of non-standard applicants will be in accordance with the University AL(E)L procedure.

#### 6. Further Information & Contact Details

Programme: Medical Ultrasound - MSc - UWE Bristol: Courses

CPD: Professional short courses - Find a course | UWE Bristol

#### **Course Leaders**

Antonio Sassano MSc, AVS Dr Rita Phillips D(Proff), MSc, PgC Social Applied Research, FAETC, DMU, DCR. University of The West of England Faculty of Health and Life Sciences Glenside Campus, Room 1K05 Blackberry Hill, Stapleton Bristol, BS16 1DD

#### Named Contact in Registry

Tamara Hamman (Senior Administration Officer) University of The West of England Faculty of Health and Life Sciences Glenside Campus, Room 2B24 Blackberry Hill, Stapleton Bristol, BS16 1DD

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⊠ <u>Rita.Phillips@uwe.ac.uk</u>



Accredited: 1996 - present

#### Date of most recent Accreditation: February 2019

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
PG Certificate in Advancing Practice in Medical Ultrasound	Semester 1	Normally 2 semesters of study to be completed over 1-2 academic years	Part-Time Blended learning	60
PG Diploma in Advancing Practice in Medical Ultrasound	Semester 1	Normally 5 semesters of study to be completed over 2-3 academic years	Part-Time Blended learning	120
MSc in Advancing Practice in Medical Ultrasound	Semester 1	Normally 7 semesters of study to be completed over 3-4 academic years	Part-Time	180

#### 2. Number of places available each year (First year cohort)

PgCert: 20 PgDip: 20 MSc: 20

#### 3. Modules Available

Module Code	Module Title	Credits	Mode of attendance
RAD808	Fundamentals of Ultrasound in Medical Imaging	30	PT Blended Learning
RAD809	Clinical Abdominal Medical Ultrasound	30	PT Blended Learning
RAD810	Clinical Obstetrics in Medical Ultrasound	30	PT Blended Learning

RAD701	Gynaecology in Medical Ultrasound	15	PT Blended Learning
RAD819	Clinical Cases in Diagnostic Radiography	15	PT Fully on- line
OTH812	Research Project Preparation *compulsory if progressing to MSc	15	PT Fully on- line
RAD813	Improving my Service: The Service User's Perspective	15	PT Blended Learning
OTH814	Research Evidence in Health Science *compulsory for Pg Dip	15	PT Fully on- line
PTH830	Research Project	60	PT Blended Learning

\* denotes a core/compulsory module, PT = Part-Time

#### Methods of Assessment

ACADEMIC	Computer Based Assessment, Poster Presentation, Reflection.
CLINICAL	Practical Clinical Assessment, Portfolio of Evidence.

#### 4. Entry Requirements for Prospective Students

Applicants must:

- (a) have gained
  - i. an Honours or non-Honours degree from a University of the United Kingdom or the Republic of Ireland or from a recognized national awarding body, or from an institution of another country which is recognised as being of an equivalent standard; or
  - ii. an equivalent standard in a Postgraduate Certificate, Graduate Diploma, Graduate Certificate or an approved alternative qualification; and
  - iii. where applicable be eligible for registration with the Health and Care Professions Council and
  - iv. normally, currently in relevant employment or have access to the appropriate patient/client group, as approved by the course committee.
- (b) provide evidence of competence in written and spoken English (GCSE grade C or equivalent) and for nonnative English speakers, IELTS 7.0 (with no contributing band at less than 6.5) or, as an alternative to (a) (i) or (a) (ii) and/or (b)
- (c) in exceptional circumstances, where an individual has substantial and significant experiential learning, a portfolio of written evidence demonstrating the meeting of graduate qualities (including subject-specific outcomes, as determined by the Course Committee) may be considered as an alternative entrance route. Evidence used to demonstrate graduate qualities may not be used for exemption against modules within the programme.

#### 5. Recognition of Prior Learning

Non-graduate candidates who do not satisfy the above requirements but who can prove evidence of their ability to undertake the course through the accreditation of prior learning may be considered for admission.

#### 6. Further Information & Contact Details

https://www.ulster.ac.uk/courses/202223/advancing-practice-32720

#### **Course Leader**

Cathy Wheeler Lecturer in Diagnostic Radiography and Medical Ultrasound School of Health Sciences Ulster University

**2** 028 71675962

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#### **Alternative Contact**

Dr John Cathcart Associate Head of School of Health Sciences Postgraduate Course Director School of Health Sciences Ulster University

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#### **Named Contact in Admissions**

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## University College Dublin Ireland's Global University

Accredited: 2019 - present

Date of Most Recent Accreditation: July 2019

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study )	Credits
MSc Ultrasound	September	16 months with extensions in exceptional circumstances only	Full time (clinical and academic)	100ECTS

#### 2. Number of places available each year (First year cohort)

30

#### 3. Modules available

Module Title	Credits	Mode of attendance
RDGY40010 Technology of US 1	10	Block Release
RDGY41330 Abdominal US 1	10	Block Release
RDGY41640 Vascular US 1	10	Block Release
RDGY41630 Superficial Structures 1	10	Block Release
RDRDGY41600 Obstetric US One	10	Block Release
RDGY41610 Obstetric US Two	10	Block Release
GY40020 Technology of US 2	10	Block Release
RDGY41340 Abdominal US 2	10	Block Release
RDGY41360 Gynaecological US 1	10	Block Release
RDGY41470 Vascular US 2	10	Block Release
RDGY41500 Superficial Structures 2	10	Block Release

RDGY 41660 Management Principles	5	Block Release
RDGY41700 Abdominal US III	10	Block Release
RDGY41650 Gynaecological US 2	10	Block Release
RDGY41680 Vascular US III	5	Block Release
RDGY41670 Superficial Structures III	5	Block Release
RDGY41690 Obstetric US Five	10	Block Release
RDGY41430 Obstetric US 6	10	Block Release

Please note students study either the general stream of abdominal and vascular/superficial structures, or the obstetrics stream, selecting the obstetrics modules. All students study technology, gynaecology and management principles.

#### **Methods of Assessment**

ACADEMIC	Image based clinical examinations, essays, poster presentations, oral presentations, reflective practice and record of clinical practice
CLINICAL	Image based clinical examinations and formative and summative assessments in clinical modules

#### 4. Entry Requirements for Prospective Students

This course is mainly suited to radiographers and midwives. In order to apply applicants must be employed by or attached to a clinical ultrasound department in Ireland.

A clinical ultrasound supervisor with postgraduate ultrasound qualifications must provide written agreement to supervise the applicant. Applicants must provide evidence from their employer that they are in a position to gain a minimum of 1000 hours clinical ultrasound experience, divided proportionately between the specialisms they have selected to study.

All applications are reviewed on a case-by-case basis by the programme coordinator and should further information be required the applicant will be informed.

**NB**: In addition, applicants must submit a logbook (link below), which should demonstrate a minimum of three months pre-course ultrasound experience.

#### 5. Accreditation of Prior Learning (APL/APEL)

Only applicable in exceptional circumstances on a case-by-case basis.

#### 6. Further Information and Contact Details

https://www.ucd.ie/medicine/studywithus/graduate/radiographydiagnosticimaging/ultrasoundprogrammes/mastersinultrasound/

#### **Course Leader**

Dr Kevin Cronin BSc (Radiography) MSc (Ultrasound) Pg. Cert (Musculoskeletal Ultrasound) Assistant Professor and Lecturer in Diagnostic Imaging, School of Medicine MSc Ultrasound Programme Director Guest Lecturer, Brunel University, London Office A221 Health Science Building University College Dublin Belfield Dublin 4 Ireland

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#### Named Contact in Registry

Graduate studies administration team UCD School of Medicine. Radiography & Diagnostic Imaging UCD Health Sciences Centre University College Dublin, Belfield, Dublin 4 Ireland

🖀 +353 1716 6519

⊠ graduate.imaging@ucd.ie



#### Accredited: 2005 - present

#### Date of most recent Accreditation: May 2023

#### 1. Awards Offered

Awards offered	Start Month	Min & Max duration of study permitted	Mode of Study	Credits
PG Certificate: Medical Ultrasound	September / January	Minimum 1 year Maximum 5 years	Part-Time	60
PG Diploma: Medical Ultrasound	September	Minimum 1 year Maximum 5 years	Part-Time	120
MSc: Medical Ultrasound	September	Minimum 1 year Maximum 5 years	Part-Time Distance Learning	180

#### 2. Number of places available each year (First year cohort)

PgCert: 50 PgDip: 50 MSc: 50

#### 3. Modules Available

Module Code	Module Title	Credits	Mode of attendance
MMB824475	Principles of Practice in Medical Ultrasound *	30	РТ
MMB824473	General Medical Ultrasound	30	РТ
MMB824474	Obstetric and Gynaecological Ultrasound	30	РТ
MMB824470	Defined Area of Ultrasound Practice 1	30	РТ
MMB824471	Defined Area of Ultrasound Practice 2	30	PT
MMB724491	Advanced Research Methods	30	PT/DL
MMB722342	Dissertation	60	PT/DL

\* denotes a core/compulsory module, DL = Distance Learning/PT = Part-Time

#### 4. Entry Requirements for Prospective Students

Applicants should have a UK Honours degree 2:2 (or equivalent); or an unclassified degree or professional diploma with over two years' clinical practice.

The clinical education element of the programme requires the student to secure an ultrasound clinical placement and qualified clinical mentor prior to application.

#### 5. Recognition of Prior Learning

RPL/RPiL are available. Each application is approved individually, through credit transfer or a portfolio of evidence within university regulations.

#### 6. Further Information & Contact Details

https://www.gcu.ac.uk/study/courses/details/index.php/P01014/Medical\_Ultrasound

Course Leader Elaine Gardiner Programme Lead School of Health & Life Sciences Glasgow Caledonian University 70 Cowcaddens Road Glasgow, G4 0BA

☎ 0141 331 8982➢ <u>Elaine.Gardiner@gcu.ac.uk</u>

Named contact in Admin Julia Wylie Programme Co-ordinator Glasgow Caledonian University Cowcaddens Road Glasgow, G4 0BA

☎ 0141 331 8142
☑ Julia.Wylie@gcu.ac.uk





Accredited: April 2022 - present

#### Date of most recent Accreditation: April 2022

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
PgCert Breast Ultrasound	September	Minimum 1 year Maximum 4 years	Part Time	60

#### 2. Number of places available each year (First year cohort): 10

#### 3. Modules available

Module Title	Credits	Mode of attendance
Physics & Instrumentation of Ultrasound (RM087)	20	PT / Blended
Breast Ultrasound (RM088)	20	PT / Online
Ultrasound Guided Breast Interventional Procedures (RM089)	20	PT / Blended

#### PT = Part-Time

#### **Methods of Assessment**

ACADEMIC	Online Exam, Essays, ePortfolios, Case Study Presentation.
CLINICAL	Staged Formative and Clinical Assessments with Clinical Mentor

#### 4. Entry Requirements for Prospective Students

All applicants should be registered Health Care Professionals and hold a UK Honours degree 2:2 (or equivalent). For all clinical based modules, applicants must have a qualified clinical mentor.

#### 5. Accreditation of Prior Learning (APL/APEL)

Recognition of prior learning available. Each case will be assessed on individual application, as per QMU guidelines.

#### 6. Contact Details

Queen Margaret University | Edinburgh MSc Mammography

#### **Course Leader**

Simon Holmes National Mammography Training Lead Scottish Academy of Breast Imaging West of Scotland Breast Screening Centre 77 Nelson Mandela Place Glasgow G2 1QT

2 0141 800 8825

⊠ <u>simon.holmes@ggc.scot.nhs.uk</u>

#### Named Contact in Registry

Sheila Adamson Senior Partnership Development Officer Queen Margaret University, Edinburgh

2 0131 474 0000

🖂 <u>sadamson@qmu.ac.uk</u>

### **SECTION 2 - Undergraduate Courses**



Accredited: August 2023 -21<sup>st</sup> August 2028

Date of most recent Accreditation: March 2023

#### 2. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
BSc (Hons) Medical Ultrasound (Sonography)	September	Normally 3 years	Full time	360

#### 2. Number of places available each year (First year cohort)

20-25

#### 3. Modules Available (all compulsory)

Module Code	Name	CATs credits	Mode of attendance	Award
ARCS1121	Professional Practice for Healthcare	20	DR/BR	BSc
ARCS1150	Introduction to Biological Principles of Healthcare	20	DR/BR	BSc
ARCS1151	Medical Ultrasound Science 1	20	DR/BR	BSc
ARCS1152	Medical Ultrasound Clinical Practice 1	20	DR/BR	BSc
ARCS1153	Medical Ultrasound Communication	20	DR/BR	BSc
ARCS1152	Medical Ultrasound Clinical Practice 1	20	DR/BR	BSc
ARCS2211	Research Methods and Evaluation	20	DR/BR	BSc
ARCS2225	Medical Ultrasound Science 2	20	DR/BR	BSc
ARCS2226	Medical Ultrasound Clinical Practice 2	40	DR/BR	BSc
ARCS2227	Medical Ultrasound Deductive Reasoning	20	DR/BR	BSc
ARCS2228	Pathophysiology and genetics	20	DR/BR	BSc
ARCS3225	Medical Ultrasound Clinical Practice 3	40	DR/BR	BSc
ARCS3226	Medical Ultrasound Science 3	20	DR/BR	BSc

ARCS3227	Sono-pathology	20	DR/BR	BSc
ARCS3213	Research Project	40	DR/BR	BSc

BR = Block release; DR = Day Release

#### **Methods of Assessment**

ACADEMIC	Unseen examinations, case reports, Evaluating Diagnostic Images Examinations, written assignments
CLINICAL	Assessment of clinical competence

#### 4. Entry Requirements for Prospective Students

#### Anticipated entry requirements

Level 2

GCSE: 5 at grades 5-9 (or C or above), including Maths, English Language and Science.

#### Level 3

A wide range of entry qualifications may be considered to meet level 3 requirements, the most common of these being:

A-level: minimum BBB including at least one science (Biology, Physics, Chemistry, or Maths)

**BTEC**: level 3 extended diploma, normally Applied Science (minimum one third) – distinction/ distinction/

Access to HE diploma: 30 level 3 credits with distinction (a minimum of 15 in science) and 15 level 3 credits with merit

**International Baccalaureate**: 34 points overall, including 3 higher level subjects at minimum of grade 5, one of which must be a science subject

**Foundation Year:** foundation years offered at the University of Leeds requiring a minimum of 60% overall, and no less than 55% in each subject. Accepted routes at the University of Leeds are;

- Interdisciplinary science foundation year (UK students only)
- International foundation year (international students only)

Previous degree: pass in a relevant subject (minimum one third science)

T levels are not currently accepted

#### Subject specific requirements:

Applicants must be 18 years of age or over by the first day of the programme.

Need to show evidence of study in the last 5 years.

Any offer of a place to study on this course is conditional upon a satisfactory confidential occupational health assessment. All students will complete a pre-registration screening questionnaire which allows our occupational health team at the University support you to meet your true potential on the programme despite any pre-existing health concerns you may have. The process also allows our occupational health team to check your immunity requirements so we can ensure that both patients and you are protected and kept safe. This will involve understanding your immunisation record to date.

All criminal convictions must be declared at application and all offers are subject to satisfactory enhanced DBS or International Criminality check

https://www.leeds.ac.uk/undergraduate-applying/doc/alternative-admissions https://www.leeds.ac.uk/undergraduate-applying/doc/accepted-qualifications

#### **Alternative entry**

The University of Leeds is committed to identifying the best possible applicants, regardless of personal circumstances or background and widening participation and contextual admissions processes are heavily considered as part of the admissions process.

Access to Leeds is an alternative admissions scheme which accepts applications from individuals who might be from low income households, in the first generation of their immediate family to apply to higher education or have had their studies disrupted. Eligible students who apply to Access to Leeds will be given an alternative offer, in addition to their standard offer, which is equivalent to a two grade drop at A-level (i.e. BCC) though the science requirements must still be met (i.e. a B for A-level). Applicants must complete the Access to Leeds module for their alternative offer to stand.

#### Other admissions requirements

All offers are conditional to satisfactory occupational health screening and disclosure and barring service (DBS) checks.

#### English requirements

All applicants must demonstrate English proficiency as part of the admissions process. For applicants whose first language is not English, they will have to demonstrate IELTS (or acceptable equivalent) 7.0 overall, with no less than 6.5 in any area.

#### Admissions Process

Applications are through UCAS and shortlisting is undertaken using academic profile (actual/predicted grades), references, and personal statements on the application

#### 5. Recognition of Prior Learning

Opportunities for accreditation of prior learning (APL) are available.

#### 6. Further Information & Contact Details

#### https://courses.leeds.ac.uk/j755/medical-ultrasound-sonography-bsc

Programme Lead: Pauline MitchellAdmissions⊠ healthcarescienceadmissions@leeds.ac.uk

# Sheffield Hallam University

#### Accredited: 2023 - present

#### Date of most recent Accreditation: March 2023

#### 1. Awards Offered

Awards offered	Month of commencement	Min & Max duration of study permitted	Mode of Study	Credits
BSc Medical Ultrasound (Degree Apprenticeship)	March	36 months	Block Delivery (Blended)	363

#### 2. Number of places available: BSc DA – 15

#### 3. Modules Available

Module Code	Module Title Level 4	Credits	Mode of attendance
66-408859	(DA) Introduction to Science of Medical Ultrasound	20	В
66-408858	(DA) Introduction to Professional Ultrasound Practice	20	В
66-408856	(DA) Abdominal and Pelvic Ultrasound Practice	20	В
66-408857	(DA) Obstetric Ultrasound Practice 1	20	В
66-408861	(DA) Medical Ultrasound Competence for Practice 1	1	Ρ
66-407186	(DA) Personal and Professional Development	20	OL
66-407185	(DA) Collaboration for Individual and Community Wellbeing	20	OL
Module Code	Module Title Level 5	Credits	Mode of attendance
66-508864	(DA) Fundamentals of Professional Ultrasound Practice	20	В
66-508862	(DA) Abdominal and gynaecological ultrasound practice	20	В
66-508863	(DA) Obstetric ultrasound practice 2	20	В

66-508870	(DA) Medical Ultrasound competence for practice 2	1	Ρ
66-507191	(DA) Assessing and addressing complexity	40	OL
66-507189	(DA) Evidence and Enquiry for Practice	20	OL
Module Code	Module Title Level 6	Credits	Mode of attendance
ТВС	(DA) Professional Ultrasound Practice	20	В
ТВС	(DA) Individualised Topic Ultrasound Practice	20	В
ТВС	(DA) Medical Ultrasound Competence for Practice 3	1	Ρ
66-607196	(DA) Working with complexity in Practice	20	OL
66-607195	(DA) Professional Leadership	20	OL
66-607194	(DA) The Advancing Professional	20	OL
ТВС	(DA) EPA Medical Ultrasound	20	Ρ

*OL = Online, B= Blended, P= Practical* 

#### Methods of Assessment

ACADEMIC L4	(DA) Introduction to Science of Medical Ultrasound (20 Credits)
	<ul> <li>Computer based assessment (60 minutes)</li> </ul>
	Written assignment (1500 words)
	(DA) Introduction to Professional Ultrasound Practice (20 Credits)
	E- portfolio (2500 work reflection)
	(DA) Abdominal and Pelvic Ultrasound Practice (20 credits)
	Case Study Presentation (10 mins) (50%)
	• CBA (60 Mins) (50%)
	(DA) Obstetric Ultrasound Practice 1 (20 Credits)
	<ul> <li>Case Study Presentation (10 mins)(50%)</li> </ul>
	• CBA (60 Mins) (50%)
	(DA) Personal and Professional Development (20 Credits)
	Portfolio( 2500)
	(DA) Collaboration for Individual and Community Wellbeing (20 Credits)
	Group Presentation (25 mins)
ACADEMIC L5	(DA) Fundamentals of Professional Ultrasound Practice (20 credits)
	E- Portfolio (3000 reflective assignment)
	(DA) Abdominal and Gynaecological Ultrasound Practice (20 credits)

	Case Study – Written (2000 words) (50%)
	• CBA 60 mins (50%)
	(DA) Obstatuis Ultrasound Practice 2 (20 gradits)
	(DA) Obstetric Ultrasound Practice 2 (20 credits)
	Case study - e-poster (1500 words) 50%
	• Cab – 60mins (50%)
	(DA) Evidence and Enquiry for Practice (20 credits)
	<ul> <li>Written Assignment – (2500 words)</li> </ul>
	(DA) Assessing and addressing complexity (40 credits)
	Case Study group presentation 20 mins (40%)
	<ul> <li>Critical Evaluation (1500 words) (60%)</li> </ul>
ACADEMIC L6	(DA) Individualised Topic Ultrasound Practice (20 Credits)
	Written Case Study (3000 words)
	(DA) Professional Ultrasound Practice (20 credits)
	E-portfolio (3000-word reflection)
	(DA) Professional Leadership (20 credits)
	Written assignment (2500 words)
	(DA) Working with Complexity in Practice (20 credits)
	Written assignment (2500 words)
	(DA) The Advancing Professional (20 credits)
	Written Assignment (4000 words)
	• Written Assignment (4000 Words)
	(DA) End Point Assessment (EPA) Medical Ultrasound (20 Credits)
	• Demonstration of practice with question-and-answer session – 90 mins -
	Pass/Fail
	<ul> <li>Professional Discussion – 60 Mins - Pass/Fail</li> </ul>
CLINICAL	For all Medical Ultrasound Competence for Practice modules 1-3 the following
	assessment tasks are applicable as Pass/Fail
	Clinical Assessment (in clinical department)
	Practical Demonstration (60 mins)
	<ul> <li>Professional Discussion (30 mins)</li> </ul>
Further details for	r the course can be found here:
https://www.shu.	ac.uk/business/apprenticeships-for-employers/apprenticeship-subjects/health-and-
social-care/sonog	rapher
Link to the Sonog	rapher Apprenticeship Standard
_	tuteforapprenticeships.org/apprenticeship-standards/sonographer-integrated-degree-
v1-1	
<u> </u>	

#### 4. Entry Requirements for Prospective Students

The typical entry requirements include 3 GCSE passes at grade C or grade 4 or above including Mathematics, English language, or literature and one science-related subject.

Plus, one of the following:

- 96 UCAS points or above from A levels or equivalent qualifications such as BTEC Nationals, Cambridge Technicals, OCR Nationals or T Levels
- Access to HE Diploma from a QAA recognised Access to HE course.
- Level 3 Apprenticeship
- Higher Technical Qualifications (HTQ) new or existing level 4 or 5 qualifications such as (HNDs, Foundation degrees, Certificate HE or Diploma HE)
- Previous degree

The University is not responsible for finding clinical placements for applicants.

#### 5. Further Information & Contact Details

<u>https://www.shu.ac.uk/business/apprenticeships-for-employers/apprenticeship-subjects/health-and-social-care</u>

#### **Course Leader**

Michelle Hood (DA) Medical Ultrasound Course Leader Robert Winston Building Broomhall Road Collegiate Campus Sheffield Hallam University Sheffield South Yorkshire S10 2BP

#### **Business Engagement, Skills and Employability**

Marie Hollingworth Health and Social Care Employer Partnerships Manager Robert Winston Building Broomhall Road Collegiate Campus Sheffield Hallam University Sheffield South Yorkshire S10 2BP

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Focused Course	Details	Date of Accreditation
Podiatry Musculoskeletal	The course is to be delivered in three stages:	December 2021
Ultrasound	Stage 1: Two-day lectures and practical workshops	
in association with the British Institute of	<b>Stage 2</b> : Supervised clinical training in hospitals /medical centres and/or six CUS masterclasses*	
British Institute of Musculoskeletal Medicine (BIMM)	<b>Stage 3</b> : a one-day final clinical assessment, leading to an assessment of clinical competency in Ankle and Foot. *To supplement students learning experience there are six master classes, at the Bournemouth CUS, offering intensive tutorials and hands-on experience in small groups with expert tutors. One per month.	
Basic Gynaecology & Early Pregnancy Ultrasound	The course is delivered in three stages: <b>Stage 1</b> lays down the foundation of ultrasound imaging and seeks to engage students in the safe application of ultrasound imaging in basic gynaecology and early pregnancy dating.	December 2021
	<b>Stage 2</b> is the continuing ultrasound training under the supervision of a competent practice educator, approved by CUS. Established EPAU, FSHR and termination clinic healthcare professionals are expected to sign a clinical agreement form for the completion of supervised ultrasound training stipulated in Stage 2.	
	<b>Stage 3</b> addresses the students "fitness to practice" by undergoing an assessment of competency in early pregnancy ultrasound.	
	On successful completion of Stage 2, healthcare professionals will be able to present for ultrasound competency assessment according to the guidelines set in Stage 3. The assessment of ultrasound competency will take place at the designated established ultrasound clinics.	

#### **Contact Details:**

https://www.aecc.ac.uk/study/our-courses/short-courses-and-cpd/ultrasound-short-courses/

Jane Burns (Short Course Administrator): ☎ 01202 436200 Extension 360 ⊠ jburns@aecc.ac.uk Megan Hawthorn (Short Course Lead and Breast Imaging Course Leader) ⊠ mhawthorn@aecc.ac.uk



Focused Course	Details	Date of Accreditation
Transabdominal First Trimester Screening	This course enables midwives and other health care professionals to extend their role by performing obstetric ultrasound dating examinations including nuchal translucency measurements.	June 2020 - Reaccreditation due October 2023
Early Pregnancy Ultrasound	This course is intended to give midwives, nurses and other qualified health care professionals the critical understanding and clinical skills required to undertake trans-vaginal and transabdominal ultrasound examinations in the management of early pregnancy. This includes the acquisition of ultrasound images using sophisticated equipment and interpreting these images to make a clinical diagnosis.	June 2020 - Reaccreditation due October 2023
Ultrasound for fertility	This course is intended to give midwives, nurses and other qualified health care professionals the critical understanding and clinical skills required to undertake trans-vaginal and transabdominal ultrasound examinations in the management of infertility. This includes the acquisition of ultrasound images using sophisticated equipment and interpreting these images to make a clinical diagnosis.	June 2020 - Reaccreditation due October 2023

#### **Contact Details:**

www.bcu.ac.uk/courses/obstetric-ultrasound-focused-courses

Zoe Hunt, Focus Course Lead and Senior Lecturer in Medical Ultrasound

⊠ <u>zoe.hunt@bcu.ac.uk</u>



Focused Course	Details	Date of Accreditation
Abdominal Aortic Aneurysm Screening (AAA)	This course has been developed to support the implementation and ongoing provision of abdominal aortic aneurysm screening (AAAS) in Scotland.	July 2021
in association with NES	This course is offered via two routes (face to face and online), with recognition of prior learning for experienced sonographers. A clinical education and assessment scheme ensure that on completion, trainees are competent to practice within the focussed area of AAAS.	

#### **Contact Details:**

Elaine Gardiner, Programme Lead

🖀 0141 311 8982

⊠ Elaine.Gardiner@gcu.ac.uk



NHS Abdominal Aortic Aneurysm Screening Programme

Focused Course	Details	Date of Accreditation
Level 3 Diploma for Health Screeners (Abdominal Aortic Aneurysm Screener)	The level 3 diploma for health screeners was developed to support trainee screening technicians employed by an NHS AAA screening programme provider. It is a vocational qualification which assures employers and commissioners that screening technicians have the knowledge, skills and understanding required for their role. It consists of 13 units that provide an introduction to the core principles of working within a healthcare environment including safeguarding adults, infection prevention and control and health and safety as well as an introduction to health screening principles. There are also 3 AAA specific units related to the ultrasound assessment of the abdominal aorta and the basic physics principles of ultrasound, and principles of AAA screening and treatment. The diploma is regulated by The Office of Qualifications and Examinations Regulation (Ofqual) and is at level 3 on the Regulated Qualification Framework (RQF).	March 2020

#### **Contact Details:**

https://www.gov.uk/guidance/nhs-population-screening-diploma-for-health-screeners

## Sheffield Hallam University

Focused Course	Details	Date of Accreditation
First Trimester Ultrasound focused course (30 credits)	This module aims to provide registered health professionals with the theoretical underpinning to support and complement the practical training necessary to achieve competency in patient- centred first trimester ultrasound practice. The module will allow professionals to develop safe practice and	August 2022
	achieve clinical competencies, including transabdominal and transvaginal examinations in the management of early pregnancy.	

#### **Contact Details:**

Liz Bullivant, Course Leader

⊠ <u>e.bullivant@shu.ac.uk</u>



## University College Dublin Ireland's Global University

Focused Course	Details	Date of Accreditation
Graduate Certificate in Fertility Ultrasound	This course is intended to give midwives, nurses and other qualified health care professionals the critical understanding and the clinical skills required to undertake transvaginal ultrasound examinations in the management of infertility and Early Pregnancy (up to 8 weeks). This includes the acquisition of ultrasound images using sophisticated equipment and interpreting these images to make a clinical diagnosis and to know when to refer patients for a more detailed assessment.	September 2022

#### **Contact Details:**



https://www.ucd.ie/medicine/studywithus/graduate/radiographydiagnosticimaging/ultrasoundprogrammes/graduatecertificateinfertilityultrasound/

Ms Ann Fleming, Programme Coordinator

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