

# Directory of Courses

*Accredited by the*

# C A S E

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ducation

**2008 - 2009**

(CASE)

## *Member Organisations:*

British Medical Ultrasound Society; British Society of Echocardiography; College of Radiographers;  
Institute of Physics and Engineering in Medicine; Royal College of Midwives;  
Society for Vascular Technology of Great Britain and Ireland.



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# **INDEX BY MODULES OFFERED**

## **Abdominal, obstetric and gynaecological ultrasound modules**

All Institutions listed offer modules covering the following three subject areas.

- 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.

## **Cardiac ultrasound module(s)**

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

University of Leeds	<a href="#">Leeds</a>
University of Derby (Echocardiography)	<a href="#">Derby</a>
University of Teesside	<a href="#">Middlesbrough</a>

## **Vascular ultrasound module**

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

University of Derby	<a href="#">Derby</a>
Glasgow Caledonian University	<a href="#">Glasgow</a>
King's College London	<a href="#">London</a>
University of Cumbria ( <i>formally St Martin's College</i> )	<a href="#">Lancaster</a>
University of Hertfordshire	<a href="#">Hertfordshire</a>
University of Leeds	<a href="#">Leeds</a>
University of Portsmouth	<a href="#">Portsmouth</a>
University of Teesside	<a href="#">Middlesbrough</a>
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## **INDEX BY MODE OF STUDY**

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PART-TIME	<a href="#">King's College London</a> <a href="#">University of Cumbria</a> <a href="#">University of Leeds</a> <a href="#">University of Liverpool</a> <a href="#">University of Teesside</a> <a href="#">University of Ulster</a> <a href="#">Canterbury Christ Church University</a> <a href="#">City University</a>
DISTANCE LEARNING	<a href="#">University of Derby</a> <a href="#">University of the West of England</a> <a href="#">Canterbury Christ Church University</a>
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## ABBREVIATIONS

The following abbreviations have been used throughout the text:

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	Diploma of the College of Radiographers
DMU	Diploma in Medical Ultrasound
MHSc	Masters in Health Science
M level	Masters level
MSc	Master of Science
OSCE	Objectively structured clinical examination
PGC	Postgraduate Certificate
PGD	Postgraduate Diploma
SD SCOTCAT	Scottish Degree
(x M)	x CATS points at Masters level/M level credits
*	Compulsory module

1. **Name of Institution:** Birmingham City University (*formerly UCE*)
2. **Date of most recent Accreditation:** April 2005
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study ( <i>see codes at item 5</i> )	Credits Points
PG Certificate – eg Obstetrics	September and March	Maximum 3 years	DR	60 level 7
PG Diploma	September and March	Maximum 5 years	DR	120 level 7
MSc	September and March	7 years	DR	180 level 7

4. **Number of places available each year (First year cohort)** - Total for all awards: 25
5. **Modules available**

Module Code	Name	CATs credits	Mode of attendance	Award
GM703B	Physics and Technology of Ultrasound	15	DR	PGC*, PGD*, MSc*
GM703C	Management of the Ultrasound Service	15	DR	PGC*, PGD*, MSc*
GM703D	Obstetric Ultrasound (non-clinical)	15	DR	
GM703E	Gynaecological Ultrasound (non-clinical)	15	DR	
GM703F	Abdominal Ultrasound (non-clinical)	15	DR	
GM703G	General Medical Ultrasound (non-clinical)	15	DR	
GM703H	Clinical Module in Obstetric Ultrasound	15	DR	
GM703I	Clinical Module in Gynaecological Ultrasound	15	DR	
GM703J	Clinical Module in Abdominal and General Ultrasound	15	DR	
GM7003	Methods of Evaluation and Research	15	DR	PGD*, MSc*

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## Methods of Assessment

ACADEMIC	Obstetric Ultrasound, Gynaecological and Obstetric Ultrasound, Abdominal Ultrasound, General Medical Ultrasound: 3000 word assignment. Management of the Ultrasound Service Working document: 3000 words
CLINICAL	Clinical Module in Obstetric and Gynaecological Ultrasound, Clinical Module in Abdominal and General Ultrasound. Portfolio, 2000 word case study, clinical assessment

### 6. Entry Requirements for Prospective Students

Students will normally be expected to hold either a first degree or an equivalent professional qualification and have had a minimum of two years experience as a qualified practitioner. To enable successful completion of the course the student must be able to spend a minimum of one day per week per clinical module, working and scanning in a Medical Ultrasound department. In support of their application, students must complete a personal profile.

Students holding the **College of Radiographers Diploma in Medical Ultrasound** will be allowed 75 credits at M level when enrolling for the MSc in Medical Ultrasound Care (subject to CATS/APA committee approval).

### 7. APL/APEL Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates so that it is clear to prospective students

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 is assessed by two members of the course team and a recommendation made to the APA/APEL office.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	David Cole	n/a
<b>Position</b>	Postgraduate Medical Ultrasound Programme Director	
<b>Full Postal Address</b>	Division of Radiography Faculty of Health Birmingham City University Birmingham B42 2SU	
<b>Telephone No.</b>	0121 331 6206	
<b>Fax Number</b>	0121 331 6207	
<b>E-mail</b>	<a href="mailto:David.cole@bcu.ac.uk">David.cole@bcu.ac.uk</a>	

9. NAMED CONTACT IN REGISTRY
n/a

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1. **Name of Institution:** University of the West of England, Bristol
2. **Date of most recent Accreditation:** October 2007
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificate	January	Minimum 12 months	BR/DL	60
PG Diploma:	January	Minimum 24 months	BR/DL	120
MSc:	September & January	Minimum 36 months	BR	180

4. **Number of places available each year (First year cohort) - PGC 5, PGD 25, MSc 5**
5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
UZY RS6-20-M	Ultrasound Technology*	20	BR/DL
UZY RLD-40-M	Obstetric Ultrasound	40	BR/DL
UZY RLG-40-M	General Medical Ultrasound	40	BR/DL
UZY RLK-40-M	Negotiated Specialist Ultrasound Practice	40	BR/DL
UZY S9Y-20-M	Negotiated Specialist Ultrasound Practice	20	BR/DL
<b>A variety of subjects can be studied within these two negotiated specialist modules, including Gynaecology Scanning, Vascular, Breast, Musculoskeletal, Echocardiography &amp; DVT</b>			
UZW RGQ-20-M	Methods and Methodologies*	20	BR/DR
UZY RL8-20-M	Legal and Ethical Issues and Dilemmas in Health and Social care	20	BR
UZU RBD-40-M	Dissertation	40	BR
UZU RBE-60-M	Dissertation	60	BR

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## Methods of Assessment

ACADEMIC	Part seen examination, practical assignment, written assignment and Dissertation
CLINICAL	e-OSCE, Clinical portfolio including clinical appraisals (formative and summative), and reflection on practice

### 6. 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 Masters level.

### 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates so that it is clear to prospective students

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

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Vivien Gibbs	A Bangert or E Haycock/Jon Lloyd
<b>Position</b>	Postgraduate Programme Leader (Medical Ultrasound)	Postgraduate Administrator
<b>Full Postal Address</b>	University Of The West of England Faculty of Health and Life Sciences Glenside Campus Blackberry Hill Stapleton Bristol BS16 1DD	University of the West of England Faculty Admissions Faculty of Health and Life Sciences HTRC 650 Frenchay Bristol BS16 1QY
<b>Telephone No.</b>	0117 328 8412	0117 328 1159
<b>Fax Number</b>	0117 328 8629	
<b>E-mail</b>	<a href="mailto:vivien.gibbs@uwe.ac.uk">vivien.gibbs@uwe.ac.uk</a>	<a href="mailto:Hsc.Admissions@uwe.ac.uk">Hsc.Admissions@uwe.ac.uk</a>

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Ora Jacobs-Lange	
<b>Address</b>	Registry Administration Glenside Campus Bristol	
<b>Telephone No.</b>	0117 328 8905	<b>Fax</b> 0117 975 0422
<b>E-mail</b>	<a href="mailto:ora.jacobs-lange@uwe.ac.uk">ora.jacobs-lange@uwe.ac.uk</a>	

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1. **Name of Institution:** Canterbury Christ Church University
2. **Date of most recent Accreditation:** November 2007
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Cert – Medical Ultrasound	October or February	12 months minimum 24 months maximum	BR & DL PT or FT	60
PG Cert – Musculoskeletal Ultrasound	October or February	12 months minimum 24 months maximum	BR & DL PT or FT	60
PG Dip – Medical Ultrasound	October or February	24 months minimum 48 months maximum	BR & DL PT or FT	120
MSc – Medical Ultrasound	October or February	36 months minimum 72 months maximum	BR & DL PT or FT	180

4. **Number of places available each year (First year cohort) -** PGCert 15, PGDip 15, MSc 15

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
MMIHF4UPS	Principles of Science and Technology in Medical Ultrasound *	20	BR
MMIHF4UTM	Techniques in Musculoskeletal Ultrasound	20	BR
MMIHF4UCP	Clinical Applications & Management I (Obstetric and Pelvic Ultrasound) * (or II, III, IV or V)	20	DL
MMIHF4UCP	Clinical Applications & Management II (Abdominal & Small Parts Ultrasound) * (or I, III, IV or V)	20	DL
MMIHF4UCM	Clinical Applications & Management III (Musculoskeletal Ultrasound) * (or I, II, IV or V)	20	DL
MMIHF4UCV	Clinical Applications & Management IV (Peripheral Arterial Ultrasound) * (or I, II, III or V)	20	DL
MMIHF4UCV	Clinical Applications & Management V (Peripheral Venous Ultrasound) * (or I, II, III or IV)	20	DL
MZZHF4OP1	Open module	20	DL
MZZHF4CCP	Orientation*	20	BR
MZZHF4DRP	Developing a Research Proposal *	20	BR
MZZHF4D40/D60	Research Project (double or triple module) *	40 or 60	DL
	(Plus modules from the MSc Interprofessional Health and Social Care menu)		

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

An appropriate first degree.  
To have identified and secured a Clinical Placement in an Ultrasound Department for the duration of their PgC/PgD/MSc.

## 7. APL/APEL: Please indicate below whether the Programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students

The Programme permits APL for PgCs and PgDs in Medical Ultrasound obtained at other Higher Education Institutions within the last five years.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Gillian Dolbear	n/a
<b>Position</b>	MSc Programme Director	
<b>Full Postal Address</b>	Department of Allied Health Professions Johnson Building Canterbury Christ Church University College North Holmes Road Canterbury Kent CT1 1QU	
<b>Telephone No.</b>	01227 782085	
<b>Fax Number</b>	01227 451739	
<b>E-mail</b>	<a href="mailto:gill.dolbear@canterbury.ac.uk">gill.dolbear@canterbury.ac.uk</a>	

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Julie Wells	
<b>Address</b>	Admissions and Records (as above)	
<b>Telephone No</b>	01227 782555	<b>Fax Number</b> n/a
<b>E-mail</b>	<a href="mailto:jmw17@canterbury.ac.uk">jmw17@canterbury.ac.uk</a>	

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- Name of Institution:** University of Derby
- Date of most recent Accreditation:** September 2004 (*July 2007 for Early Pregnancy pathway & October 2007 for Vascular modules*)
- Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificate – Obstetrics, Early Pregnancy, Gynaecology, Obstetrics & Gynaecology, Vascular, Echocardiography & General Medical	September /January	Minimum 1 year Maximum 2 years	DL DR	60
PG Diploma – Medical Ultrasound, General Medical Ultrasound, Obstetrics & Gynaecology Ultrasound, Echocardiography	September /January	Minimum 2 years Maximum 4 years	DL DR	120
MSc – Medical Ultrasound, General Medical Ultrasound, Obstetrics & Gynaecology Ultrasound, Echocardiography	September / January	Minimum 3 years Maximum 6 years	DL	180

- Number of places available each year (First year cohort) – PGC 12, PGD 12, MSc 12**

- Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
7RD060	Advanced Ultrasound technology	15	DL
7RD061	Advancing Practice	15	DL
7RD062	Echocardiography (Theory and Practice)	30	DR
7RD063	General Medical Ultrasound (Theory and Practice)	30	DR
7RD064	Gynaecology Ultrasound (Theory and Practice)	15	DR
7RD999/998	Independent Studies (45 Credits / 60 Credits)	45 / 60	DL
7RD065	Obstetric Ultrasound (Theory and Practice)	30	DR
7RD066	Principles of Ultrasound*	15	DL/DR
7RD054	Reflection on Communication Skills	15	DL
7OT030	Research Methods	15	DL
7RD073	Ultrasound in Early Pregnancy Assessment (Theory & Practice)	15	DR
7RD082	Evaluating Research*	15	DL
7RD084	Vascular Ultrasound (Theory and Practice)	30	DR
7RD068	Work Based Learning - negotiated Module	15	DL

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

Honours Degree in health related subject. Consideration will also be given to candidates who present with appropriate professional qualifications and experience. Please note, ALL prospective students must have a clinical placement in medical ultrasound with management support established prior to formal application.

## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students

APEL permitted. The system operates on an individual basis

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Mrs Heather Venables	Lee Brown
<b>Position</b>	Senior Lecturer	Senior Admissions Assistant
<b>Full Postal Address</b>	University of Derby Faculty of Education, Health & Sciences Room 207, North Tower Kedleston Road Derby DE22 1GB	Admissions University of Derby Kedleston Road Derby DE22 1GB
<b>Telephone No.</b>	01332 593075	01332 591200
<b>Fax Number</b>	01332 593031	01332 597724
<b>E-mail</b>	<a href="mailto:h.venables@derby.ac.uk">h.venables@derby.ac.uk</a>	<a href="mailto:l.brown@derby.ac.uk">l.brown@derby.ac.uk</a>

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Dr Doug Carr	
<b>Address</b>	Faculty Quality Manager University of Derby Faculty of Education, Health & Science Kedleston Road Derby DE22 1GB	
<b>Telephone No.</b>	01332 593040	<b>Fax Number 01332 593031</b>
<b>E-mail</b>	<a href="mailto:d.carr@derby.ac.uk">d.carr@derby.ac.uk</a>	

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1. **Name of Institution:** University of Hertfordshire
2. **Date of most recent Accreditation:** March 2008
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificate: Medical Imaging & Radiation Science (Diagnostic Ultrasound)	September	Minimum 1 year Maximum 6 years	BR	60
PG Diploma: Medical Imaging & Radiation Science (Diagnostic Ultrasound)	September	Minimum 1 year Maximum 6 years	BR	120
MSc: Medical Imaging & Radiation Science (Diagnostic Ultrasound)	September	Minimum 2 year Maximum 6 years	BR	180

4. **Number of places available each year (First year cohort)** - PGCert 20, PGDip 20, MSc 10

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
MAHP0220	Application of Ultrasound Science*	30	BR
MAHP0183	Theory & Clinical Applications of General Medical Ultrasound	30	BR
MAHP0184	Theory & Clinical Applications of Vascular Ultrasound	30	BR
MAHP0185	Theory & Clinical Applications of Gynaecology Ultrasound	15	BR
MAHP0181	Theory & Clinical Applications of Obstetric Ultrasound	15	BR
MAHP0182	Theory & Clinical Applications of Musculoskeletal Ultrasound	30	BR
MAHP0034	Research Methodology	15	BR
MAHP0032	Research Project/Dissertation	60	DR
MAHP017	Principles of Image Reporting*	15	BR
MAHP0200	Advances in Practice	15	BR

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

Students will be expected to have a UK Honours degree or professional qualification recognised as being equivalent to a UK Honours degree in radiography/radiotherapy and to have completed some clinical practice following graduation/qualification (normally 2 years). Other qualifications and applicants from other professions are considered on an individual basis.

### **DIRECT ENTRY TO PROJECT/DISSERTATION**

Exemption from elements of the Programme will be considered for those experienced practitioners who are able to prove that they can meet the outcomes of the module(s) without attendance. Supporting evidence e.g. published research, breadth and depth of clinical experience, educational meetings attended and study conducted, should accompany such an application. Formal assessment and an interview will normally be required.

## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students

APEL is permitted

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Naomi Brown	n/a
<b>Position</b>	Senior Lecturer	
<b>Full Postal Address</b>	School of Health & Emergency Professions University of Hertfordshire College Lane Hatfield Herts AL10 9AB	
<b>Telephone No.</b>	01707 284 966	
<b>Fax Number</b>	01707 284 977	
<b>E-mail</b>	<a href="mailto:n.2.brown@herts.ac.uk">n.2.brown@herts.ac.uk</a>	

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Helen Bennett	
<b>Address</b>	Titan Court 3 Bishop Square Hatfield AL10 9NA	
<b>Telephone No.</b>	01707 286282	<b>Fax Number</b> 01707 286284
<b>E-mail</b>	<a href="mailto:H.1.Bennett@herts.ac.uk">H.1.Bennett@herts.ac.uk</a>	

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1. **Name of Institution:** University of Cumbria (*formerly St Martin's College, Lancaster*)
2. **Date of most recent Accreditation:** November 2006  
(*for information on the delivery of the course at the Scottish site, please contact the Programme Leader – see below*)
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificate	Various	Minimum 12 Months Maximum 36 Months	Block Release Part-time	60
PG Diploma	Various	Minimum 18 Months Maximum 60 Months	Block Release Part-time	120
MSc	Various	Minimum 24 Months Maximum 60 Months	Part-time	180

4. **Number of places available each year (First year cohort) -** PGCert 20, PGDip 20, MSc 20

5. **Modules available**

Module Code	Name	CATs credits	Mode of attendance	Award
MIS802	Human Science	20	BR	PGC*/PGD*
MIS808	Science and Instrumentation	20	BR	PGC*/PGD*
MIS804	Independent Study	20	DL	PGC/PGD
MIS812	Vascular Ultrasound	20	BR	PGC/PGD
MIS809	Obstetric Ultrasound	20	BR	PGC/PGD
MIS824	Musculoskeletal Ultrasound	20	BR	PGC/PGD
MIS810	Gynaecological Ultrasound	20	BR	PGC/PGD
MIS811	General Medical Ultrasound	20	BR	PGC/PGD
MIS805	Research Methods	20	BR	PGD*
MIS801	Research Dissertation	60	DL	MSc*

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## Methods of Assessment

ACADEMIC	Experiment file, research critique and protocol, unseen written exam, essay, case study
CLINICAL	Formative and summative

### 6. Entry Requirements for Prospective Students

Suitable clinical placement and support from appropriately qualified practitioners for qualificatory routes. Honours degree or equivalent qualification with a minimum of twelve months post registration clinical practice experience.

### 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates so that it is clear to prospective students

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.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Nick Jones	n/a
<b>Position</b>	Principal Lecturer	
<b>Full Postal Address</b>	School of Medical Imaging University of Cumbria Bowerham Road Lancaster LA1 3JD	
<b>Telephone No.</b>	01524 384566/384642	
<b>Fax Number</b>	01524 384591	
<b>E-mail</b>	<a href="mailto:nick.jones@cumbria.ac.uk">nick.jones@cumbria.ac.uk</a>	

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Kate Bowskill	
<b>Address</b>	Part-time Admissions University of Cumbria Bowerham Road Lancaster LA1 3JD	
<b>Telephone No.</b>	01524 384694	<b>Fax Number</b> 01524 384385
<b>E-mail</b>	<a href="mailto:kate.bowskill@cumbria.ac.uk">kate.bowskill@cumbria.ac.uk</a>	

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1. **Name of Institution:** University of Leeds.
2. **Date of most recent Accreditation:** May 2003
3. **Awards Offered**

<b>Awards offered</b> <i>(please state whether generic awards or titled awards e.g. PGCert.)</i>	<b>Month of commencement</b>	<b>Minimum and Maximum Duration of study permitted by Institution</b>	<b>Mode of Study</b> <i>(see codes at item 5)</i>	<b>Credits Points</b>
PG Certificate	September	Minimum 9 months Maximum 2 years 9 months	PT/BR	60/75
PG Diploma	September	Minimum 14 months Maximum 4 years	FT/BR PT/BR	120
MSc	September	Minimum 2 years Maximum 6 years	FT/BR PT/BR/DR	180

4. **Number of places available each year (First year cohort)** - PGC 20, PGD 20, MSc 10

5. **Modules available**

<b>Module Code</b>	<b>Name</b>	<b>CATs credits</b>	<b>Mode of attendance</b>	<b>Award</b>
Disc 5016 M	Science & Technology of Medical Ultrasound*	30	BR	PGC/PGD/MSc
DCPE 5002 M	Professional Studies*	15	BR	PGC/PGD/MSc
DCPE 5003 M	Gynaecological Studies	15	BR	PGC/PGD/MSc
DCPE 5004 M	Obstetric Ultrasound	30	BR	PGC/PGD/MSc
DCPE 5005 M	General Medical Ultrasound	30	BR	PGC/PGD/MSc
DISC 5017 M	General Cardiac Ultrasound	30	BR	PGC/PGD/MSc
DCPE 5008 M	Peripheral Vascular Ultrasound	15	BR	PGC/PGD/MSc
DISC 5013 M	Breast Ultrasound	15	BR	PGC/PGD/MSc
DISC 5012 M	Professional Work Based Learning	15	DL	PGD/MSc
HECS 5015 M	Professional Work Based Learning	30	DL	PGD/MSc
HECS 5001 M	Practice Based Assessment	30	DR	PGD/MSc
HECS 5007 M	Image Guided Interventional Procedures of the Breast. <i>(Note: Professional Studies Breast Ultrasound Modules are pre-requisites of this Module)</i>	15	BR	PGD/MSc
HECS 5008 M	Accrediting Learning from Study Days	15	DR/DL	PGD/MSc
DCPE 5010 M	Research Methodology	15	DR	PGD/MSc*
DCPE 5011 M	Dissertation* <i>(30 credits from other optional, relevant modules may be selected in agreement with the programme manager)</i>	45	DR	MSc

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## Methods of Assessment

ACADEMIC	Examination, case studies, OSE, written assignments and oral presentation: all summative.
CLINICAL	Formative and summative clinical assessment.

### 6. Entry Requirements for Prospective Students

1. Normally a 2:1 honours degree from a recognised higher education institution in an appropriate subject. *Consideration will also be given to candidates who present with appropriate professional qualifications and experience.*
2. Have secured an appropriate clinical placement with management support to undertake the programme.

### 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates so that it is clear to prospective students

Applicants can apply for an individualised programme for advanced standing/ credit transfer. Enquiries encouraged.

<b>8.</b>	<b>COURSE LEADER</b> If the course leader or his/her details change during this year please advise Alice Hepworth, CASE Co-ordinator on 0207 636 3714, Fax 0207 323 2175, E-mail <a href="mailto:alice@bmus.org">alice@bmus.org</a> or send details to BMUS, 36 Portland Place, London, W1B 1LS	<b>Name of contact for entry in the CASE Directory of Courses if different from the Course Leader</b>
<b>Name</b>	Rosie Conlon	Admissions, Access & Marketing Unit
<b>Position</b>	Ultrasound Lecturer/Programme Manager	
<b>Full Postal Address</b>	School of Healthcare Studies University of Leeds Baines Wing PO Box 214 Leeds LS2 9UT	School of Healthcare Studies University of Leeds Baines Wing PO Box 214 Leeds LS2 9UT
<b>Telephone No.</b>	0113 343 1220	0113 343 1455
<b>Fax Number</b>	0113 343 1461	0113 343 1352
<b>E-mail</b>	<a href="mailto:R.M.Conlon@leeds.ac.uk">R.M.Conlon@leeds.ac.uk</a>	<a href="mailto:admissions@healthcare.leeds.ac.uk">admissions@healthcare.leeds.ac.uk</a>

<b>9.</b>	<b>NAMED CONTACT IN REGISTRY</b>	
<b>Name</b>	Admissions Officer - Postgraduate programmes	
<b>Address</b>	School of Healthcare Studies, University of Leeds Baines Wing PO Box 214 Leeds, LS2 9UT	
<b>Telephone No.</b>	0113 343 1455	<b>Fax Number</b> 0113 343 1352
<b>E-mail</b>	<a href="mailto:admissions@healthcare.leeds.ac.uk">admissions@healthcare.leeds.ac.uk</a>	

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1. **Name of Institution:** The University of Liverpool
2. **Date of most recent Accreditation:** June 2004
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificates: Obstetrics, Obstetrics and Gynaecology, General Medicine, Assisted Conception	September	Minimum 1 year Maximum 3 years	PT	60 credits M level
PG Diplomas: Obstetrics, Obstetrics and Gynaecology, General Medicine, Obstetrics, Gynaecology and General Medicine	September	Minimum 18 months Maximum 6 years	PT	60 credits M level
MSc	September	Minimum 1 year Maximum 6 years	PT	60 credits M level

4. **Number of places available each year (First year cohort)** - Total of 20 places available each year (inclusive of all award pathways.)

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
USND101	Scientific Principles, Instrumentation @ QA	15	M level
USND102	Obstetrics Ultrasound	30	M level
USND103	Ultrasound Imaging of the Female Pelvis	15	M Level
USND104	General Medical Ultrasound	30	M Level
USND105	Paediatric Ultrasound - SSO	15	M Level
USND106	Professional Issues	15	M Level
PUBH110	Quantitative Research Methods	15	M Level
USND108	Dissertation	60	M Level
USND109	Ultrasound assessment of early pregnancy	15	M Level
USND110	Ultrasound in Assisted Conception	15	M Level
USND111	SSO – negotiated work based learning	15	M Level
USND112	Advanced fetal assessment and management	15	M Level

Students may also undertake optional modules to a total of 15 credits, deemed appropriate by the Programme Director.

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

1<sup>st</sup> degree in healthcare subject or subject deemed appropriate by Director of Studies  
 OR  
 Professional qualification in healthcare subject or subject deemed appropriate by Director of Studies  
 ALL prospective students MUST have a clinical placement in medical ultrasound established PRIOR to formal application

## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students.

The University of Liverpool permits one-third of credits from an award deemed appropriate by the University for entry to the Ultrasound awards.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Julie Walton	n/a
<b>Position</b>	Postgraduate & CPD Curriculum Manager	
<b>Full Postal Address</b>	The University of Liverpool School of Health Sciences Dept of Medical Imaging Room 1.20, Whelan Building Faculty of Medicine, Brownlow Hill Liverpool L69 3GB	
<b>Telephone No.</b>	0151 794 5765	
<b>Fax Number</b>	0151 794 5776	
<b>E-mail</b>	<a href="mailto:julie.walton@liv.ac.uk">julie.walton@liv.ac.uk</a>	

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Dr Ben Mason	
<b>Address</b>	Faculty of Medicine The University of Liverpool Brownlow Hill Liverpool L69 3GB	
<b>Telephone No.</b>	0151 794 2000	<b>Fax Number</b> n/a
<b>E-mail</b>	<a href="mailto:b.mason@liverpool.ac.uk">b.mason@liverpool.ac.uk</a>	

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1. **Name of Institution:** City University
2. **Date of most recent Accreditation:** June 2007
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Cert: Obstetrics and Gynaecology Ultrasound PG Cert: General Medical & Gynaecology Ultrasound PG Cert: Focused Ultrasound Assessment	September	12 months	DR	60
PG Dip: Medical Ultrasound PG Dip: Obstetrics & Gynaecology Ultrasound PG Dip: General Medical & Gynaecology Ultrasound	September	18 months	DR	120
MSc: Medical Ultrasound MSc: Obstetrics & Gynaecology Ultrasound MSc: General Medical & Gynaecology Ultrasound	September	24 months	DR	180

4. **Number of places available each year (First year cohort) -** PGCert / PGDip: 25, MSc: no limit

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
RDM004	Fundamental Principles of Ultrasound Practice	15	DR *
RDM030	Gynaecology Ultrasound	15	DR *
RDM031	Obstetric Ultrasound	30	DR
RDM003	General Medical Ultrasound	30	DR
RDM006	Development in Ultrasound Practice	15	DR
RCM011	Research Methods	15	DR * for PgD
RCM012	Dissertation	60	DR * for MSc
RCM010	Student Negotiated Module	15	DR
RCM002	Education in the Workplace	15	DR
RCM005	Evidenced Based Practice	15	DR
RCM006	Management in Radiography	15	DR
RCM007	Medical Ethics in Healthcare	15	DR
RCM013	Diagnostic Pathways	30	DR
RCM119	Forensic Imaging	30	DR
RCM120	Work Based Learning in Practice	15	DL

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

BSc (Hons) Radiography or other relevant subject e.g. midwifery, nursing.  
 DCR, RGN, RM or other professional qualification  
 DMU for credit exemption route

## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students

APEL is permitted from CASE accredited courses and other relevant courses. An APEL form is sent out to all applicants and any prior certified learning is considered and discussed at interview. A transcript of the content of previous modules undertaken will be required and assessed by the APEL team. A portfolio of evidence is required if the prior learning is over 2 years old.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Gill Harrison	School of Allied Health Sciences Admissions
<b>Position</b>	Ultrasound Programme Leader	Admissions Department
<b>Full Postal Address</b>	Department of Radiography School of Community & Health Sciences City University Northampton Square London EC1V 0HB	City University Northampton Square London EC1V 0HB
<b>Telephone No:</b>	020 7040 5687 / 5678	020 7040 4194
<b>Fax Number</b>	020 7040 5690	
<b>E-mail</b>	<a href="mailto:G.Harrison@city.ac.uk">G.Harrison@city.ac.uk</a>	<a href="mailto:sahsadmissions@city.ac.uk">sahsadmissions@city.ac.uk</a>

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Terry Bransbury	
<b>Address</b>	Academic Registry City University Northampton Square London EC1V 0HB	
<b>Telephone No:</b>	020 7040 0103	<b>Fax Number</b> n/a
<b>E-mail</b>	<a href="mailto:T.M.Bransbury@city.ac.uk">T.M.Bransbury@city.ac.uk</a>	

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1. **Name of Institution:** King's College, London
2. **Date of most recent accreditation:** June 2004
3. **Awards offered:**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Cert Medical Ultrasound	January	9 Months	PT	60
PC Dip Medical Ultrasound	January	18 Months	PT	120
Msc Medical Ultrasound	January	24 Months	PT	180

4. **Number of places available (First year cohort)** 25 Students

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
Module I	Fundamentals of Ultrasound*	30	PT
Module II	Obstetric and Gynaecology Scanning	30	PT
Module III	General Medical Ultrasound	30	PT
Module IV	Research Methodology*	30	PT
Module V	Research Project*	60	PT
Module VII	Vascular Ultrasound	30	PT
Module IX	Clinical effectiveness & Audit	30	PT
Module XII	Advanced Vascular Ultrasound ( <i>please note, this module is not yet CASE accredited</i> )	30	PT
Module XIII	Focused Ultrasound	60	PT

**Additional modules to those listed above may be taken if approved and considered relevant to the programme by the course providers.**

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

A second class honours degree or higher or professional qualification in Radiography, Nursing Studies, Midwifery or related area. Those with professional qualifications must have a minimum of two years current relevant experience. All students must have access to a clinical department for a minimum of 2 days per week per clinical module.

## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students

Not applicable

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Rosie Simpson	
<b>Position</b>	Course Director	Programme Administrator
<b>Address</b>	Department of Women's Health 10 <sup>th</sup> Floor, North Wing St Thomas' Hospital Lambeth Palace Road London SE1 7EH	Department of Women's Health 10 <sup>th</sup> Floor, North Wing St Thomas' Hospital Lambeth Palace Road London SE1 7EH
<b>Telephone No</b>	0207 188 3637	0207 188 8458
<b>Fax Number</b>	0207 620 1227	0207 620 1227
<b>E-mail</b>	<a href="mailto:Rosie.simpson@kcl.ac.uk">Rosie.simpson@kcl.ac.uk</a>	

9.	NAMED CONTACT IN REGISTRY	
N/A		

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1. **Name of Institution:** University of Teesside
2. **Date of most recent Accreditation:** June 2004
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificate in Medical Ultrasound	September	Minimum 1 year Maximum 5 years	PT/BR	60
PG Diploma in Medical Ultrasound	September	Minimum 1 year Maximum 5 years	PT/BR	120
MSc in Medical Ultrasound	September	Minimum 1 year Maximum 5 years	PT/BR	180

4. **Number of places available each year (First year cohort) -** PGC 12, PGD 12, MSc 12

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
MIM4002-N	Principles of Ultrasound Science and Technology	20	PT/BR
MIM4004-N	General Medical Ultrasound	40	PT/BR
MIM4003-N	Obstetric Ultrasound	40	PT/BR
MIM4005-N	Vascular Ultrasound	40	PT/BR
MIM4013-N	Negotiated Learning in Medical Ultrasound Practice	20	PT/BR
MIM4016-N	Cardiac Ultrasound	40	PT/BR
MIM4022-N	Musculoskeletal Ultrasound	40	PT/BR
MIM4014-N	Collaborative Study in Medical Ultrasound Practice	40	PT/BR
RMH4008-N	Evidence Based Practice	20	PT/BR
RMH4013-N	Designing Research Projects	20	PT/BR
RMH4014-N	Evaluating Practice	60	PT/BR
RMH4009-N	Dissertation	60	PT/BR

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. 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
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## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students

Both APL and APEL are appropriate. Applicants must complete a personal portfolio that reflects a set of learning outcomes appropriate to Level 3 that will demonstrate the applicant's ability to engage with and complete the ultrasound programme.
--

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Simon Peter Richards	n/a
<b>Position</b>	Programme Leader	
<b>Full Postal Address</b>	School of Health & Social Care Centuria Building University of Teesside Middlesbrough Tees Valley TS1 3BA	
<b>Telephone No.</b>	01642 384 589	
<b>Fax Number</b>	01642 384 105	
<b>E-mail</b>	<a href="mailto:s.richards@tees.ac.uk">s.richards@tees.ac.uk</a>	

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Fiona Terry	
<b>Address</b>	University of Teesside Middlesbrough TS1 3BA	
<b>Telephone No.</b>	01642 218121 x 4225	<b>Fax Number</b> n/a
<b>E-mail</b>	<a href="mailto:F.Terry@tees.ac.uk">F.Terry@tees.ac.uk</a>	

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1. **Name of Institution:** University of Portsmouth
2. **Date of most recent Accreditation:** September 2004
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Cert – Medical Imaging (with identified specific Clinical Competency(ies) obtained)	October	Minimum 12 months Maximum 24 months	BR	60
PG Dip – Medical Imaging (with identified specific clinical competency(ies) obtained)	October	12 months – 24 months	BR	120
MSc – Medical Imaging (with identified specific clinical competency(ies) obtained)	October	18 months – 60 months	BR	180

4. **Number of places available each year (First year cohort) - PGC 15, PGD 15, MSc 15**
5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
SCREM6	Science of Ultrasound	15	PT/FT/BR
SCREM7	Applications of Obstetric Ultrasound	15	PT/FT/BR
SCREM8	Applications of Gynaecology Ultrasound	15	PT/FT/BR
SCREM9	Applications of Abdominal Ultrasound	15	PT/FT/BR
SCREM10	Applications of Vascular Ultrasound	15	PT/FT/BR
SCREM12	Applications of Optional Ultrasound Skills	15	PT/FT/BR
SCREM11	Advanced Applications of Vascular Ultrasound	15	PT/FT/BR
SCREM20	Negotiated Clinical Unit 1	30	PT/FT/DR
SPM02	Research Design and Method	15	PT/FT/DR
SCREM25	Project	45	PT/FT/BR
SCREM6	Accessing & Appraising Research Evidence	15	PT/FT/BR
SCREM18	Negotiated Work Based Unit	30	PT/FT/BR

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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**6. Entry Requirements for Prospective Students**

Either a first degree or appropriate clinical experience.  
 Students must be qualified health professions  
 Students must provide own clinical placement the university is unable to provide any clinical training)

**7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students**

Need to provide evidence of previous education/experience so that it can be measured against individual unit learning outcomes to ascertain whether exemptions can be given.

<b>8.</b>	<b>COURSE LEADER</b>	<b>Name of contact for entry in the CASE Directory of Courses if different from the Course Leader</b>
<b>Name</b>	Mrs Sue Halson-Brown	n/a
<b>Position</b>	Ultrasound Programme Leader	
<b>Full Postal Address</b>	University of Portsmouth School of Health Sciences & Social Work Centre for Radiography Education 2, King Richard 1 <sup>st</sup> Road Portsmouth PO1 2FR	
<b>Telephone No.</b>	023 9284 3486	
<b>Fax Number</b>	023 9284 5388	
<b>E-mail</b>	<a href="mailto:Sue.halson-brown@port.ac.uk">Sue.halson-brown@port.ac.uk</a>	

<b>9.</b>	<b>NAMED CONTACT IN REGISTRY</b>	
		n/a

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- Name of Institution:** Salford University
- Date of most recent Accreditation:** June 2007
- Awards Offered:** Msc, Postgraduate Diploma & Postgraduate Certificate in Advanced Practice (Medical Ultrasound)

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificate: Obs & Gynae General Medical Breast Vascular	September or February	Minimum 1year Maximum 5 years (by arrangement)	BR PT	60
PG Diploma: Obs & Gynae General Medical	September or February	Minimum 1½ years Maximum 5 years (by arrangement)	BR PT	120
MSc: Advanced Medical Imaging (Ultrasound) – also linked to Midwifery pathway	September or February	Minimum 1year Maximum 5 years (by arrangement)	PT	180

- Number of places available each year (First year cohort) -** PGC 15, PGD 15, MSc 3

- Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
	Physics of Ultrasound*	15	PT/BR
	Core skills for Diagnostic Ultrasound*	15	PT/BR
	Ultrasound in Gynaecology & Early Pregnancy	15	PT/BR
	Ultrasound in the 2 <sup>nd</sup> & 3 <sup>rd</sup> Trimesters of Pregnancy	15	PT/BR
	Abdominal Ultrasound	15	PT/BR
	Focused Specialist Ultrasound	15	PT/BR
	Research Methods*	30	PT/BR
	Extending Proficiencies	30	PT/BR
	Dissertation	60	Distance/ DR/PT

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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**6. Entry Requirements for Prospective Students**

For PGC or PGD students must be working in a relevant healthcare field and have a clinical placement in the UK.

**7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students**

Both permitted. AP(E)L is by portfolio for applicants without a first degree. APL by individual negotiation - contact programme leader.

<b>8.</b>	<b>COURSE LEADER</b>	<b>Name of contact for entry in the CASE Directory of Courses if different from the Course Leader</b>
<b>Name</b>	Jan Dodgeon	n/a
<b>Position</b>	Ultrasound Programme Leader	
<b>Full Postal Address</b>	Directorate of Radiography Allerton Building Salford University Frederick Rd Salford M6 6PU	
<b>Telephone No.</b>	0161 295 7036	
<b>E-mail</b>	<a href="mailto:j.r.dodgeon@salford.ac.uk">j.r.dodgeon@salford.ac.uk</a>	

<b>9.</b>	<b>NAMED CONTACT IN REGISTRY</b>
n/a	

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1. **Name of Institution:** Sheffield Hallam University
2. **Date of most recent Accreditation:** June 2008
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificate in one of the following: <b>Obstetrics and Related Gynaecological Ultrasound Practice / Gynaecological Ultrasound Practice / Abdominal Ultrasound Practice</b>	September	12 months minimum 6 years maximum	DR	60
PG Certificate in a Focused Scope Ultrasound Practice	September	12 months minimum 6 years maximum	DR	60
PG Diploma in Medical Ultrasound	September	2 years minimum 6 years maximum	DR	120
MSc	September	3 years minimum 6 years maximum	DR	180

4. **Number of places available each year (First year cohort)** - PGCert 20, PGDip 20, MSc subject to suitable supervisor allocation

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
	Applied Science of Ultrasound	15*	DR
GYNAE	Gynaecological Ultrasound Practice	15	DR
OBS	Obstetrics and Related Gynaecological Ultrasound Practice	15	DR
ABDO	Abdominal Ultrasound Practice	15	DR
PPCC	Professional Portfolio of Clinical Competence	30	DR
F/S PPCC	Professional Portfolio in Clinical Competence (Focused Scope)	30	DR
ADV OBS	Advanced Obstetric Ultrasound Practice	15	DR
	First Trimester Ultrasound	15	DR
	Third Trimester Ultrasound	15	DR
	Deep Vein Thrombosis Scanning	15	DR
	Breast Ultrasound	15	DR
	Research Module	15	DR/DL
	Dissertation Module	45	DR
	Dissertation Module	60	DR

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

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

- i) DCR(R) Diploma of the College of Radiographers or equivalent qualification.
- ii) BSc (Hons) Diagnostic Radiography or equivalent, relevant health professional qualification.
- iii) It would normally be expected that the applicant be state registered.
- iv) A minimum of 14 hours per week (preferably 21 hours per week) clinical placement for award routes

## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students

The ultrasound programme allows a maximum of one third of the total credits awarded at each stage to be considered for APEL/WBL. For APCL a total of two thirds of the total credits at each stage can be claimed for.

The starting point for an individual APEL or WBL claim is the initial interview for a programme of learning. This enables claimants to gain some understanding regarding the principles or APEL or WBL and to start to formulate a proposal.

Potential claimants are offered tutorial support and further guidance to support in the formulation of learning outcomes. Typically previous programmes of study are considered for APCL with appropriate documentation.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Trudy Sevens	
<b>Position</b>	Ultrasound Course Leader	
<b>Full Postal Address</b>	Robert Winston Building Broomhall Road Collegiate Campus Sheffield Hallam University Sheffield South Yorkshire S10 2BP	
<b>Telephone No</b>	0114 225 2493	
<b>E-mail</b>	<a href="mailto:t.j.sevens@shu.ac.uk">t.j.sevens@shu.ac.uk</a>	

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Eleanor Willcocks	
<b>Address</b>	Faculty Validation Officer Academic Standards, Quality Enhancement Surrey Building City Campus Howard Street Sheffield Hallam University Sheffield, S10 2BP	
<b>Telephone No</b>	0114 225 4980	<b>Fax Number</b> 0114 225 2159
<b>E-mail</b>	<a href="mailto:e.j.willcocks@shu.ac.uk">e.j.willcocks@shu.ac.uk</a>	

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1. **Name of Institution:** University of Ulster at Jordanstown  
(Please note: the accredited period at this University is due to start in September 2007)
2. **Date of most recent Accreditation:** March 2007
3. **Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study (see codes at item 5)	Credits Points
PG Certificate – e.g. Obstetrics	n/a			
PG Diploma (students may be awarded a PGD if they opt out of the MSc programme or be asked to leave)	Semester 1	Normally at least 6 semesters of study to be completed over 2 – 4 academic years	PT online (web dependent)	120
MSc in Health Science	Semester 1	Normally at least 6 semesters of study to be completed over 2 – 4 academic years	PT	180

4. **Number of places available each year (First year cohort)** - PGC 0, PGD 15, MSc 10
5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
RAD808	Science & Technology of Medical Ultrasound	30	PT/ online
RAD809	Clinical Abdominal Medical Ultrasound	30	PT/ online
RAD810	Clinical Obstetric & Gynaecological Medical Ultrasound	30	PT/ online
RAD831	Clinical Practice in Medical Ultrasound	30	PT/ online
OTH802	Clinical Research Techniques (* pre-requisite for MSc)	30	PT
RAD823	Research Project	30	PT

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

A qualified health profession eligible for registration with the Health Professions Council or their own registrations body, have a degree or an equivalent standard in a Postgraduate certificate or approved professional qualification and have a minimum of one year's post-qualification clinical experience (excluding course attendance).

For direct enrolment on to the Masters component of the course, candidates must normally hold a Postgraduate Diploma in a Health related subject and have evidence of having completed an appropriate research module/component.

## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates within the HEI so that it is clear to prospective students

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 experiential learning may be considered for admission.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Mr W H Rea	Miss R Kelso
<b>Position</b>	Lecturer, Course Director	Lecturer (Ultrasound Option Leader)
<b>Full Postal Address</b>	School of Health Sciences University of Ulster at Jordanstown Shore Road Newtownabbey Co. Antrim N. Ireland BT37 0QB	School of Health Sciences University of Ulster at Jordanstown Shore Road Newtownabbey Co. Antrim N. Ireland BT37 0QB
<b>Telephone No.</b>	0289 036 6155	0289 036 6915
<b>Fax Number</b>	0289 036 8419	0289 036 8419
<b>E-mail</b>	<a href="mailto:WH.Rea@ulster.ac.uk">WH.Rea@ulster.ac.uk</a>	<a href="mailto:r.kelso@ulster.ac.uk">r.kelso@ulster.ac.uk</a>

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Ms Marilyn Morrison	
<b>Full Postal Address</b>	Academic Registry Cromore Road Coleraine Co. Londonderry BT52 1SA	
<b>Telephone No.</b>	028 7032 4285	<b>Fax Number</b> 0287 032 4908
<b>E-mail</b>	<a href="mailto:registryce@ulster.ac.uk">registryce@ulster.ac.uk</a>	

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- Name of Institution:** Glasgow Caledonian University
- Date of most recent Accreditation:** June 2005 (*October 2008 for work-based learning & Principle of Practice in Medical Ultrasound*)
- Awards Offered**

Awards offered	Month of commencement	Minimum and Maximum Duration of study permitted	Mode of Study ( <i>see codes at item 5</i> )	Credits Points
PG Certificate: Medical Ultrasound	September	Minimum 1 year Maximum 5 years	PT/BR ( <i>FT for International Students</i> )	60
PG Diploma: Medical Ultrasound	September	Minimum 1 year Maximum 5 years	PT/BR ( <i>FT for International Students</i> )	120
MSc: Medical Ultrasound	September	Minimum 1 year Maximum 5 years	PT/BR ( <i>FT for International Students</i> )	180

- Number of places available each year (First year cohort) -** PGCert 12, PGDip 12, MSc 6

- Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
HSCMF109	Principle of Practice in Medical Ultrasound*	15	PT/BR/FT
HSCMF52	General Medical Ultrasound	30	PT/BR/FT
HSCMF53	Obstetric Ultrasound	30	PT/BR/FT
HSCMF54	Vascular Ultrasound	30	PT/BR/FT
HSCMF55	Advanced Ultrasound Practice	30	PT/BR/FT
HSCMF56	Breast Ultrasound	30	PT/BR/FT
HSCMF57	Musculoskeletal Ultrasound	30	PT/BR/FT
HSCMF107	Work-based Learning in Ultrasound Practice	30	PT/BR/FT
HSCMF108	Work-based Learning in Ultrasound Practice	15	PT/BR/FT
HSCMF93	Evaluating Evidence to Develop Research & Inform Practice	30	PT/BR/DL
HSCMF03	Dissertation	60	PT/BR/FT

\* denotes a core/compulsory module

**BR = Block release/PT = Part-Time/FT = Full Time/DR = Day Release**

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## 6. Entry Requirements for Prospective Students

1<sup>st</sup> degree in a health-related profession, undertaken a minimum of 2 years in post-qualification healthcare practice.

Negotiated Clinical placement unit & appropriately qualified mentor

## 7. APL/APEL: Please indicate below whether the programme permits APL/APEL and give brief description of how this system operates so that it is clear to prospective students

APFL/APEL are available. Each application is approved individually, normally through a portfolio of evidence within university regulations.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
<b>Name</b>	Kathy Gratton	n/a
<b>Position</b>	Programme Leader/Senior Lecturer	
<b>Full Postal Address</b>	Division of Radiography School of Health & Social Care Govan Mbeki Building Glasgow Caledonian University Cowcaddens Road Glasgow G4 0BA	
<b>Telephone No.</b>	0141 331 8208	
<b>Fax Number</b>	n/a	
<b>E-mail</b>	<a href="mailto:Kathy.gratton@gcal.ac.uk">Kathy.gratton@gcal.ac.uk</a>	

9.	NAMED CONTACT IN REGISTRY	
<b>Name</b>	Gillian Paterson	
<b>Address</b>	Quality Office Glasgow Caledonian University Cowcaddens Road Glasgow G4 0BA	
<b>Telephone No.</b>	0141 273 1307	<b>Fax</b> n/a
<b>E-mail</b>	<a href="mailto:g.paterson@gcal.ac.uk">g.paterson@gcal.ac.uk</a>	

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