

Directory of Courses

Accredited by the

Consortium for the
Accreditation of
Sonographic
Education

2010 - 2011

(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	Leeds
University of Derby (Echocardiography)	Derby
University of Teesside	Teesside
University of Glamorgan (Clinical Echocardiography)	Pontypridd

Vascular ultrasound module

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

Birmingham City University	Birmingham
Canterbury Christ Church University	Canterbury
University of Derby	Derby
Glasgow Caledonian University	Glasgow
King's College London	London
University of Cumbria	Lancaster
University of Leeds	Leeds
University of Portsmouth	Portsmouth
University of Salford	Salford
University of Teesside	Middlesbrough
University of the West of England, Bristol	Bristol
University of Glamorgan (subject to accreditation)	Pontypridd

MSK ultrasound module

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

AECC CUS	Bournemouth
Canterbury Christ Church University	Canterbury

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FULL TIME

[Cardiff University](#)
[University of Leeds](#)
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BLOCK RELEASE

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[University of Cumbria](#)
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[University of Portsmouth](#)
[University of Salford](#)
[University of Teesside](#)
[University of the West of England, Bristol](#)
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[Glasgow Caledonian University](#)

DAY RELEASE

[Birmingham City University](#)
[City University London](#)
[Sheffield Hallam University](#)
[University of Leeds](#)
[University of Glamorgan](#)

PART-TIME

[AECC CUS](#)
[Cardiff University](#)
[University of Cumbria](#)
[University of Derby](#)
[King's College London](#)
[University of Leeds](#)
[University of Salford](#)
[University of Teesside](#)
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INDEX BY MODE OF STUDY

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[University of Derby](#) (Diploma/Masters stages)

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[University of Cumbria](#)

SELF DIRECTED (Dissertation)

PART-TIME BLOCK

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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
2. **Date of most recent Accreditation:** May 2010
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 – eg Obstetrics	September	Maximum 2 years	DR	60 level 7
PG Diploma	September	Maximum 3years	DR	120 level 7
MSc	September and March	5 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
LBR7084	Physics and Technology of Ultrasound	15	DR	PGC*, PGD*, MSc*
LBR7033	Professional Issues in Medical Ultrasound	15	DR	PGC*, PGD*, MSc*
LBR7119	Obstetric Ultrasound	30	DR	
LBR7120	Gynaecological Ultrasound	30	DR	
LBR7121	Abdominal and General Ultrasound	30	DR	
LBR7122	Vascular Ultrasound	30	DR	
LBR7123	Negotiated Specialist Subject	15	DR	
LBR7084	Fetal Medicine	15	DR	
LBR7090	Independent Study and Professional Development	15	DR	
LBR7105	Research, Theory and Practice: Evidence Based Practice	15	DR	One of these
LBR7106	Research, Theory and Practice: Quantitative and Qualitative Methodologies	15	DR	PGD*, MSc*
LBR7107	Masters Project	60		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	<p>Physics and Technology of Ultrasound and Professional Issues in Medical Ultrasound: A two hour 30 minutes examination with seen and unseen components.</p> <p>Obstetric Ultrasound; Gynaecological Ultrasound; Abdominal and General Ultrasound and Vascular Ultrasound: Within the academic environment the summative assessment will be in the form of an invigilated assessment.</p> <p>Negotiated Specialist Subject: A portfolio containing an account of the student's research into the background theory of the topic.</p> <p>Fetal Medicine and Independent Study; Professional Development and Research Theory and Practice: a piece of written work equivalent to 3000 words.</p> <p>The Dissertation: Submission of a dissertation or professional practice project, either of which should be no longer than 20,000 words.</p>
CLINICAL	<p>Obstetric Ultrasound; Gynaecological Ultrasound; Abdominal and General Ultrasound and Vascular Ultrasound: Within the clinical environment the student will take a summative clinical assessment.</p> <p>Negotiated Specialist Subject: A portfolio containing a diary of clinical practice, a log book of examinations, formative and summative clinical assessments and a study of an examination they have performed.</p>

6. 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:

- Accredited Level 6 study within the last 5 years
For students who do not meet this criterion, or for students who would like some preparative study, the Level 6 Module, Essential Academic Skills (GM6789) is available prior to admission.
- Professional qualification or registration with the appropriate professional body
- Minimum of 2 years professional experience.
- Working in an appropriate area of practice with specific agreement of employer.
(You may be required to have a named supervisor before you can start on programme.)
International students should additionally have an English Language qualification as specified by the International Office.

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	9.	NAMED CONTACT IN REGISTRY
Name	David Cole	Name	Barbara Nugent
Position	Postgraduate Medical Ultrasound Programme Director		
Full Postal Address	Department of Radiography Faculty of Health Birmingham City University Birmingham B42 2SU		
Telephone No.	0121 331 6206		
Fax Number	0121 331 6207		
E-mail	david.cole@bcu.ac.uk		

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1. **Name of Institution: AECC Centre for Ultrasound Studies– Bournemouth University**
2. **Date of most recent Accreditation: 1 September 2009**
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 Ultrasound (General) (Musculoskeletal) (Obstetrics) (Gynaecology)	October	1-3 years	PT, distance-based	60 M
PG Diploma Ultrasound (General) (Musculoskeletal) (Obstetrics) (Gynaecology) (General & Gynaecology) (Obstetrics & Gynaecology)	October	1-3 years	PT, distance-based	120 M
MSc Ultrasound (General) (Musculoskeletal) (Obstetrics) (Gynaecology) (General & Gynaecology) (Obstetrics & Gynaecology)	October	2-5 years	PT, distance-based	180 M

4. **Number of places available each year (First year cohort) -**
PGCert (30), PGDip (30), MSc (30)

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
	Science & Instrumentation	20 M Level	PT
	General Ultrasound	20 M Level	PT
	Musculoskeletal Ultrasound I	20 M Level	PT
	Musculoskeletal Ultrasound II	20 M Level	PT
	Obstetric Ultrasound	20 M Level	PT
	Gynaecology Ultrasound	20 M Level	PT
	Work-based Portfolio	20 M Level	PT
	Research Methods	20 M Level	PT
	Dissertation	40 M Level	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

- Applicants should normally be a practising healthcare professional.
- Applicants must complete to the satisfaction of the Programme Leader a Clinical Work-Place Agreement Form (signed by the work-place supervisor/mentor).
- Applicants for whom English is not their first language, must offer evidence of qualifications in written and spoken English. Acceptable qualifications are IELTS (academic) 7.0 and TOEFL 100 (internet based) or 600 (paper based), or direct equivalents.

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 may apply at the time of application to be accredited (APL) for prior M level learning or equivalent at the discretion of the Pathway Leader. The amount of credit will conform to the University’s Standard Accreditation of Prior Learning and Articulation Arrangements.

Applications for APL may be based on APCL or APEL, or a blend of the two. A combination of credit based on APCL and APEL must not exceed the stated limits for each individual category below and must total no more than the maximum limit stated for APEL. The maximum volumes of credit for all APL transactions are as follows.

- credit based on APCL (certificated) should not exceed 60 credits at Level M. Credit will be given only for taught units.
- credit based on APEL (experiential) should not exceed 40 credits at Level M. Credit will be given only for taught units.

Applications for Individual Unit Exemption(s) should be made in writing to the School 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 School.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
Name	Dr Pervez (Budgie) Hussain	
Position	Director: Centre for Ultrasound Studies	
Full Postal Address	AECC 13-15 Parkwood Road Bournemouth Dorset, BH5 2DF	
Telephone No.	44 (0)1202 436200	
Fax Number	44 (0)1202 436504	
E-mail	Budgie.hussain@aecc.ac.uk	

9.	NAMED CONTACT IN REGISTRY	
Name	Simon Whitlock or Isobel Kelleher	
Address	AECC 13-15 Parkwood Road Bournemouth, Dorset, BH5 2DF	
Telephone No.	44 (0)1202 436200	Fax n/a
E-mail	swhitlock@aecc.ac.uk	

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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
A variety of subjects can be studied within these two negotiated specialist modules, including Gynaecology Scanning, Vascular, Breast, Musculoskeletal, Echocardiography & DVT			
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
Name	Vivien Gibbs	A Bangert or E Haycock
Position	Postgraduate Programme Leader (Medical Ultrasound)	Postgraduate Administrator
Full Postal Address	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 Glenside Campus Blackberry Hill Stapleton Bristol BS16 1DD
Telephone No.	0117 328 8412	0117 328 1161
Fax Number	0117 328 8629	
E-mail	vivien.gibbs@uwe.ac.uk	Hsc.Admissions@uwe.ac.uk

9.	NAMED CONTACT IN REGISTRY	
Name	Ora Jacobs-Lange	
Address	Registry Administration Glenside Campus Bristol	
Telephone No.	0117 328 8905	Fax 0117 975 0422
E-mail	ora.jacobs-lange@uwe.ac.uk	

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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
Name	Gillian Dolbear	n/a
Position	MSc Programme Director	
Full Postal Address	Department of Allied Health Professions Johnson Building Canterbury Christ Church University College North Holmes Road Canterbury Kent CT1 1QU	
Telephone No.	01227 782085	
Fax Number	01227 451739	
E-mail	gill.dolbear@canterbury.ac.uk	

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

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1. **Name of Institution:** University of Derby
2. **Date of most recent Accreditation:** November 2009
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 2 years	DL DR	60
PG Diploma in Medical Ultrasound	September / January	Minimum 2 years Maximum 4 years	DL DR	120
MSc Advanced Practice (Medical Ultrasound)	September / January	Minimum 3 years Maximum 6 years	DL	180

4. **Number of places available each year (First year cohort) –** PGC 20, PGD 20, MSc 15

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
7RD086	Advanced Technology	15	DL
7RD054	Advanced Communication Skills	15	DL
7RD061	Advancing Practice	15	DL
7RD062	Echocardiography	30	DR
7RD091	Focused Specialist Ultrasound Practice 1	15	DL
7RD092	Focused Specialist Ultrasound Practice 2	15	DL
7RD063	General Medical Ultrasound	30	DR
7RD064	Gynaecology Ultrasound	15	DR
7RD999	Independent Study	60	DL
7RD065	Obstetric Ultrasound	30	DR
7RD066	Principles of Medical Ultrasound*	15	DL/DR
7OT030	Research Methods	15	DL
7RD073	Ultrasound in Early Pregnancy Assessment	15	DR
7RD082	Introduction to M Level study*	15	DL
7RD084	Vascular Ultrasound	30	DR
7RD068	Work Based Learning	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
Name	Mrs Heather Venables	Sue Inness
Position	Senior Lecturer	Senior Admissions Assistant
Full Postal Address	University of Derby Faculty of Education, Health & Sciences Kedleston Road Derby DE22 1GB	Admissions University of Derby Kedleston Road Derby DE22 1GB
Telephone No.	01332 593075	01332 591476
Fax Number	01332 593031	01332 597724
E-mail	h.venables@derby.ac.uk	s.inness@derby.ac.uk

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

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1. **Name of Institution:** University of Cumbria
2. **Date of most recent Accreditation:** November 2006
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, minimum 2.2, 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
Name	Marian Nicol	n/a
Position	Senior Lecturer	
Full Postal Address	School of Medical Imaging University of Cumbria Bowerham Road Lancaster LA1 3JD	
Telephone No.	01524 384240	
Fax Number	01524 384591	
E-mail	marian.nicol@cumbria.ac.uk	

9.	NAMED CONTACT IN REGISTRY	
Name	Sara Taylor	
Address	Part-time Admissions University of Cumbria Bowerham Road Lancaster LA1 3JD	
Telephone No.	01524 384360	Fax Number 01524 384385
E-mail	Sara.Taylor@cumbria.ac.uk	

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1. **Name of Institution:** University of Leeds.
2. **Date of most recent Accreditation:** May 2009
3. **Awards Offered**

Awards offered <i>(please state whether generic awards or titled awards e.g. PGCert.)</i>	Month of commencement	Minimum and Maximum Duration of study permitted by Institution	Mode of Study <i>(see codes at item 5)</i>	Credits Points
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 24, MSc 10

5. **Modules available**

Module Code	Name	CATs credits	Mode of attendance	Award
HECS 5173M	Fundamentals of Science & Technology of Medical Ultrasound*	15	BR	PGC/PGD/MSc
HECS 5169M	Issues and Concepts of Advancing Practice*	15	BR	PGC/PGD/MSc
HECS 5174M	Advancing Science & Technology of Medical Ultrasound**	15	BR	PGC/PGD/MSc
HECS 5219M	Gynaecological Ultrasound	15	BR	PGC/PGD/MSc
HECS 5171M	First Trimester Obstetric Ultrasound	15	BR	PGC/PGD/MSc
HECS 5172M	Second and Third Trimester Obstetric Ultrasound	15	BR	PGC/PGD/MSc
HECS 5220M	General Medical Ultrasound	30	BR	PGC/PGD/MSc
HECS 5222M	Cardiac Ultrasound	30	BR	PGC/PGD/MSc
HECS 5221M	Peripheral Vascular Ultrasound	15	BR	PGC/PGD/MSc
HECS 5202M	Breast Ultrasound	15	BR	PGC/PGD/MSc
DISC 5012 M	Professional Work Based Learning	15	DR/DL	PGC/PGD/MSc
HECS 5015 M	Professional Work Based Learning	30	DR/DL	PGC/PGD/MSc
HECS 5176M	Musculoskeletal Ultrasound	15	BR	PGC/PGD/MSc
HECS 5223M	Image Guided Interventional Procedures	15	BR	PGC/PGD/MSc
HECS 5008M	Accrediting Learning from Study Days	15	DR/DL	PGC/PGD/MSc
DCPE 5010M	Research Methods	15	DR	PGC/PGD/MSc*
DCPE 5011M	Dissertation	45	DR	MSc*

* denotes a core/compulsory module

** denotes compulsory module for peripheral vascular and cardiac students only

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

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Methods of Assessment

ACADEMIC	Examination, case reports, 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.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
Name	Jane Arezina	Admissions, Access & Marketing Unit
Position	Ultrasound Lecturer/Programme Manager	Jodie Boyes
Full Postal Address	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
Telephone No.	0113 343 1226	0113 343 1455
Fax Number	0113 343 1352	0113 343 1352
E-mail	j.arezina@leeds.ac.uk	j.boyes@leeds.ac.uk

9.	NAMED CONTACT IN REGISTRY	
Name	Jodie Boyes	
Address	School of Healthcare Studies, University of Leeds Baines Wing PO Box 214 Leeds, LS2 9UT	
Telephone No.	0113 343 1347	Fax Number 0113 343 1352
E-mail	j.boyes@leeds.ac.uk	

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- x1. Name of Institution:** City University London
- 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: Abdominal & Gynaecology Ultrasound PG Cert: Focused Ultrasound Assessment	September	12 months	DR	60
PG Dip: Medical Ultrasound PG Dip: Obstetrics & Gynaecology Ultrasound PG Dip: Abdominal & Gynaecology Ultrasound	September	18 months	DR	120
MSc: Medical Ultrasound MSc: Obstetrics & Gynaecology Ultrasound MSc: Abdominal & 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
RDM032	Abdominal Ultrasound	30	DR
RCM021	Developing Advanced Practice	15	DR *
RCM011	Research Methods	15	DR * for MSc
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 (2:2 or above)
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

AP(C)L is permitted from CASE accredited courses and other relevant courses. An APL 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 APL 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
Name	Gill Harrison	School of Community and Health Sciences Admissions
Position	Ultrasound Programme Director	Admissions Department
Full Postal Address	Department of Radiography School of Community & Health Sciences City University Northampton Square London EC1V 0HB	City University Northampton Square London EC1V 0HB
Telephone No:	020 7040 5687 / 5678	020 7040 4194
Fax Number	020 7040 5690	
E-mail	G.Harrison@city.ac.uk	pghealth@city.ac.uk

9.	NAMED CONTACT IN REGISTRY	
Name	Terry Brandsbury	
Address	Academic Development Unit City University Northampton Square London EC1V 0HB	
Telephone No:	020 7040 0103	Fax Number n/a
E-mail	T.M.Brandsbury@city.ac.uk	

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1. **Name of Institution:** King's College, London
2. **Date of most recent accreditation:** June 2009
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 Cert Medical Ultrasound	January	9 Months	PT	60
PG Cert Vascular Ultrasound	January	9 Months	PT	60
PG Cert Ultrasound in Emergency and Critical Care	January	9 Months	PT	60
PG Cert Ultrasound in Specialist Practice	January	9 Months	PT	60
PG Dip Medical Ultrasound	January	18 Months	PT	120
PG Dip Vascular Ultrasound	January	18 Months	PT	120
Msc Medical Ultrasound	January	24 Months	PT	180
Msc Vascular 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 XVI	Negotiated Learning with Clinical Proficiency	30	PT
Module XII	Advanced Vascular Ultrasound	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 in a life science or higher or a professional qualification in Radiography, Nursing Studies, Midwifery, Medicine or related area. 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
Name	Rosie Simpson	Jill Walker
Position	Programme Director	Programme Administrator
Address	Department of Women's Health 10 th Floor, North Wing St Thomas' Hospital Lambeth Palace Road London SE1 7EH	Department of Women's Health 10 th Floor, North Wing St Thomas' Hospital Lambeth Palace Road London SE1 7EH
Telephone No	0207 188 3637	0207 188 8458
Fax Number	0207 620 1227	0207 620 1227
E-mail	Rosie.simpson@kcl.ac.uk	Msc-ultrasound@kcl.ac.uk

9.	NAMED CONTACT IN REGISTRY
N/A	

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1. **Name of Institution:** University of Teesside
2. **Date of most recent Accreditation:** January 2009
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
MIM4042-N	Principles of Ultrasound Science and Technology	20	PT/BR
MIM4025-N	General Medical Ultrasound	40	PT/BR
MIM4026-N	Obstetric Ultrasound	40	PT/BR
MIM4027-N	Vascular Ultrasound	40	PT/BR
MIM4030-N	Negotiated Learning in Medical Ultrasound Practice	20	PT/BR
MIM4028-N	Musculoskeletal Ultrasound	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.
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8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
Name	Simon Peter Richards	n/a
Position	Programme Leader	
Full Postal Address	School of Health & Social Care Centuria Building University of Teesside Middlesbrough Tees Valley TS1 3BA	
Telephone No.	01642 384 589	
Fax Number	01642 384 105	
E-mail	s.richards@tees.ac.uk	

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

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1. **Name of Institution:** University of Portsmouth
2. **Date of most recent Accreditation:** February 2009
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
U17029	Principles and Practice of Ultrasound	30	PT/FT/BR
U12921	Applications of Obstetric Ultrasound	15	PT/FT/BR
U12922	Applications of Gynaecology Ultrasound	15	PT/FT/BR
U12923	Applications of Abdominal Ultrasound	15	PT/FT/BR
U12924	Applications of Vascular Ultrasound	15	PT/FT/BR
U12926	Applications of Optional Ultrasound Skills	15	PT/FT/BR
U12925	Advanced Applications of Vascular Ultrasound	15	PT/FT/BR
U17033	Clinical Obstetric Ultrasound	15	PT/FT/DR
U17034	Clinical Gynaecology Ultrasound	15	PT/FT/DR
U17035	Clinical Abdominal Ultrasound	15	PT/FT/DR
U17036	Clinical Optional Ultrasound	15	PT/FT/DR
U17037	Clinical Vascular Ultrasound	15	PT/FT/DR
U17038	Clinical Advanced Vascular Ultrasound	15	PT/FT/DR
SPM02	Research Design and Method	15	PT/FT/DR
U12938	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.

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

9.	NAMED CONTACT IN REGISTRY
n/a	

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1. **Name of Institution:** Salford University
2. **Date of most recent Accreditation:** 2010
3. **Awards Offered:** Msc, Postgraduate Diploma & Postgraduate Certificate in Advanced Medical Imaging (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 Abdominal Breast Vascular	September or February	Minimum 1 year Maximum 5 years (by arrangement)	BR PT	60
PG Diploma: Obs & Gynae Abdominal Breast Vascular	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 1 year Maximum 5 years (by arrangement)	PT	180

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

5. **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 nd & 3 rd Trimesters of Pregnancy	15	PT/BR
	Abdominal Ultrasound	15	PT/BR
	Focused Specialist Ultrasound	15	PT/BR
	Research Methods*	30	PT/BR
	Screening & Diagnosis	30	PT/BR
	Dissertation	60	Distance/ 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 recognised clinical placement. Graduate entry preferred

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.

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

9.	NAMED CONTACT IN REGISTRY
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: Obstetrics and Related Gynaecological Ultrasound Practice / Gynaecological Ultrasound Practice / Abdominal Ultrasound Practice	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
ASU	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 1	Professional Portfolio of Clinical Competence 1	30	DR
PPCC 2	Professional Portfolio of Clinical Competence 2	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
Name	Trudy Sevens	
Position	Ultrasound Course Leader	
Full Postal Address	Robert Winston Building Broomhall Road Collegiate Campus Sheffield Hallam University Sheffield South Yorkshire S10 2BP	
Telephone No	0114 225 2493	
E-mail	t.j.sevens@shu.ac.uk	

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

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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
Name	Mr W H Rea	Miss R Kelso
Position	Lecturer, Course Director	Lecturer (Ultrasound Option Leader)
Full Postal Address	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
Telephone No.	0289 036 6155	0289 036 6915
Fax Number	0289 036 8419	0289 036 8419
E-mail	WH.Rea@ulster.ac.uk	r.kelso@ulster.ac.uk

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

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

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: 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

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

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
HSCMF109	Principle of Practice in Medical Ultrasound*	30	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

1st 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
Name	TBC	n/a
Position	Programme Leader/Senior Lecturer	
Full Postal Address	Department of Diagnostic Imaging, ODP, Podiatry and Radiation Oncology School of Health Govan Mbeki Building Glasgow Caledonian University Cowcaddens Road Glasgow G4 0BA	
Telephone No.	0141 331 8208	
Fax Number	n/a	
E-mail		

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

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1. **Cardiff University**
2. **September 2009**
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/ Obs &/or Gynae Ultrasound	October	1 year minimum 3 year maximum	P/T	60
PG Diploma: Medical/ Obs &/or Gynae Ultrasound	October	1 year minimum 2 years minimum 3 years maximum	F/T P/T	120
MSc: Medical/ Obs &/or Gynae Ultrasound	October	18 months 3 years	F/T P/T	180

4. **Number of places available each year (First year cohort) - PG Cert , PG Dip , MSc**

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
MET 242*	Foundation Science	20	P/T
MET 240	Practice of General Abdominal Ultrasound	20	P/T
MET 241	Practice of Uro genital Ultrasound	20	P/T
MET 243	Practice of Obstetric Ultrasound	20	P/T
MET 244	Practice of Gynaecological Ultrasound	20	P/T
MET 237	Practice of Advanced Gynaecological Ultrasound	20	P/T
MET 238	Practice of Advanced Obstetric Ultrasound	20	P/T
MET 239	Research and Evidence Based Medicine	20	P/T
MET 245	Team Working and Inter Professional Practice	20	P/T
MET 246	Legal Aspects of Care	20	P/T
MET247	Management Issues in Ultrasound Practice	20	P/T

* 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

Applications will be accepted from health professionals who hold a relevant first degree or Diploma. Applicants would normally be expected to have a relevant background and have worked for 2 years in their relevant profession/specialty after their primary qualification.

To fulfil the learning objectives, it is necessary that students have direct access to relevant ultrasound scanning for a minimum of two sessions per week per clinical specialty (or equivalent). Students **MUST** provide evidence of availability of this access throughout the duration of study, the name and details of the trainer(s) and complete the relevant training centre documentation for approval before they are accepted on the course.

To fulfil the wide range of clinical techniques specified by the course, students may need to visit other departments. It is the responsibility of the student to make these arrangements, but the course faculty may in some instances be able to advise students.

A panel of at least three members of faculty will review all applications and determine the suitability of the applicant's qualification, background and evidence of professional development. They will also look for evidence of motivation and readiness for hard work. At this stage information will also be sought regarding funding, support from an identified trainer or employer and the modules that the applicant would wish to pursue.

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 already in possession of a CASE accredited postgraduate diploma or DMU, which included a comparable level of ultrasound scanning, will be granted 100 credits (subject to submission of satisfactory documentation and approval) towards the MSc in order to avoid duplication of effort and time wastage.

Applicants who hold the joint RCOG/RCR diploma in obstetric ultrasound will be exempt from the "Practice of Obstetric Ultrasound" module (MET243) and will be awarded the maximum of 20 Credits (APL at level 3) towards the MSc degree.

Applicants who have completed comparable and recognised professional training programmes will need to submit the appropriate documentation as proof of their successful completion for consideration. These applicants must attend and successfully complete the relevant assessment schedules for the clinical and foundation science modules before the award of the degree.

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
Name	Mrs Alison Rogers	Mr Nazar N Amso FRCOG PhD (London) Head, Section of Obstetrics and Gynaecology Director, Ultrasound Masters Programmes Cardiff University School of Medicine Heath Park, Cardiff CF14 4XN amsonn@cf.ac.uk
Position	Course leader/Lecturer	
Full Postal Address	Room UGF 244 Cardiff University School Of Medicine Cardiff, Cf14 4XN	
Telephone No.	02920746927	
Fax Number		
E-mail	Rogersa13@cardiff.ac.uk	

9.	NAMED CONTACT IN REGISTRY	
Name	Janet Cormack	
Address	Cardiff University Registry and Academic Services McKenzie House (2nd Floor) 30-36 Newport Road Cardiff CF24 0DE	
Telephone No.	02920879204	Fax n/a
E-mail	CormackJ@cardiff.ac.uk	

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1. **Name of Institution:** University of Glamorgan
2. **Date of most recent Accreditation:** June 2009
3. **Awards Offered** Fundamentals in Ultrasound Practice, Abdomen and Small Parts, Obstetrics and Related Gynaecology, Gynaecology, Musculoskeletal, Clinical Echocardiography, Vascular

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 Ultrasound	October	5 years		60
PG Diploma: Medical Ultrasound	October	5 years		120
MSc: Medical Ultrasound	October	5 years		180

4. **Number of places available each year (First year cohort)** - PGCert , PGDip , MSc (no limit as yet – limited to student having secured clinical placement at present)

5. **Modules available**

Module Code	Module Title	Credit Points	Mode of attendance
FC4S011	Fundamentals in Ultrasound Practice	20	P/T *
FC4D001	Abdomen and Small Parts	40	P/T
FC4D002	Obstetrics and Related Gynaecology	40	P/T
FC4D003	Musculoskeletal	40	P/T
FC4D004	Clinical Echocardiography	40	P/T
FC4D006	Vascular	40	P/T
FC4S012	Gynaecology	20	P/T
PG4S016	Research	20	
FC4D005	Dissertation	40	

* 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

- Admission will be applied for using the standard University of Glamorgan application documents (University of Glamorgan QA Handbook 2009)
- Related Healthcare Degree or recognised equivalent professional qualification
- Previous substantial related experience

Admission will be considered for sufficient and appropriate prior certificated learning if approved as sufficient for entry to the Award. This acknowledgement of advance standing will be recorded against the student's record. Admissions allowed for prior experiential learning (APEL) will be considered providing the experiential learning is identifiable as relevant to this Award.

Award Specific Admission Criteria

- Relevant undergraduate degree or equivalent relevant professional experience
- Applicants will be expected to have worked in their relevant fields for a minimum of 2 years
- Documentation of support from direct line manager, confirming support for dedicated clinical training time
- Identification of a clinical supervisor who is qualified as such and is line with the requirements set out by the University of Glamorgan
- The 2 references provided by the applicant should convey the applicants enthusiasm and/ or clinical aptitude, this is in line with standard requirements for entry onto vocational clinical programmes of study
- Prior experience in line APL/APEL policies
- Applicants will hold registration with their respective UK regulatory body e.g. HPC, NMC, GMC where appropriate.
- Prior ultrasound scanning experience is highly desirable but not essential
- All offers onto the Award will be subject to CRB checks; this will be superseded by the New Independent Safe Guarding Authorities Processes

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

Yes - as above

8.	COURSE LEADER	Name of contact for entry in the CASE Directory of Courses if different from the Course Leader
Name	Annemarie Bevan	Annemarie Bevan
Position	Award Leader / Senior Lecturer	
Full Postal Address	Room 519 Aneurin Bevan Building University of Glamorgan Glyntaff Campus Pontypridd Glamorgan CF37 4DB	
Telephone No.	01443483826	
E-mail	abevan@glam.ac.uk	

9.	NAMED CONTACT IN REGISTRY
Name	
Contact Details	As above

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