

Course Specification

Course Summary Information			
1	Course Title		BSc (Hons) Medical Ultrasound
2	BCU Course Code	UCAS Code	US0733 B800
3	Awarding Institution		
4	Teaching Institution(s) (if different from point 3)		
5	Professional Statutory or Regulatory Body (PSRB) accreditation (if applicable)		

6	Course Description
	<p>Overview</p> <p>Start your journey to a highly rewarding profession as a sonographer with our BSc (Hons) Medical Ultrasound course. As the first university to offer an undergraduate course in Medical Ultrasound, you can rest assured that you will be learning from experienced practitioners and a proven course structure that will successfully prepare you for a fulfilling career.</p> <p>As a sonographer, you will produce detailed medical images, interpret them and at the same time provide support and communicate your findings with patients in your care. The work of a sonographer can be very rewarding and your clinical expertise will be sought after in a range of medical settings such as hospital imaging departments, maternity units, doctor's surgeries, community clinics and private sector ultrasound clinics.</p> <p>What's covered in the course?</p> <p>Our Medical Ultrasound course will enable you to develop the core skills of a sonographer such as care and communications, technical skills and clinical knowledge to make an accurate diagnosis.</p> <p>Your skills will be developed through real-life work placements, lectures and seminars in the classroom held by experienced staff who are practicing or former sonographers or radiographers, independent study time, e-learning and ultrasound simulators within our recently extended £71 million campus.</p> <p>A variety of learning and teaching methods will be used for your development into a technically competent, caring and knowledgeable sonographer. It is essential to the practice that you respect diversity, ensure equality and use a sound understanding of legal, ethical and professional issues to positively impact on care scenarios and delivery.</p> <p>Please note that 'sonographer' is not currently a protected title in the UK and, at this present time, graduates will NOT be eligible to be registered with the Health and Care Professions Council, although it is hoped that this will become a possibility in the future. For this reason, employment may not be possible in certain NHS trusts and some private sector organisations, although many organisations already employ sonographers from non-traditional backgrounds.</p>

7	Course Awards		
7a	Name of Final Award	Level	Credits Awarded
	Bachelor of Science with Honours Medical Ultrasound	6	360
7b	Exit Awards and Credits Awarded		
	Certificate of Higher Education Studies in Health Care	4	120
	Diploma of Higher Education Studies in Health Care	5	240
	Bachelor of Science Studies in Health Care	6	300

8	Derogation from the University Regulations
	<ol style="list-style-type: none"> 1. For modules with more than one item of assessment, all items of assessment must be passed in order to pass the module 2. Compensation of marginally failed modules is not permitted 3. Condonement of failed modules is not permitted

9	Delivery Patterns		
	Mode(s) of Study	Location	Duration of Study
	Full Time	City South	3 years
			Code
			US0733

10	Entry Requirements
	<p>The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/ or may be found by searching for the course entry profile located on the UCAS website.</p>

11	Course Learning Outcomes
1	Adapt and support the implementation of changes in practice, where justified, in order to improve the patient experience, improve service delivery and drive the profession forward within an ever changing healthcare environment.
2	Demonstrate a critical knowledge of the requirements of a qualified practicing sonographer, these issues include: medico-legal, ethical, communication, consensual and organisational requirements, and patient safety.
3	Develop the qualities, reflective skills and desire to continue to learn and undertake appropriate further professional training once qualified, to the benefit of self, patient and healthcare team.
4	Integrate and analyse evidence to underpin practice and remain at the forefront of the profession to benefit of self, profession and patient.
5	Demonstrate knowledge and understanding of the theory and application of medical ultrasound.
6	To undertake a dynamic, proficient ultrasound examination within a range of ultrasound modalities, acquiring suitable anatomical images and accurate measurements where appropriate.

7	Demonstrate the ability to interpret the ultrasound findings and apply them to the clinical presentation, in order to produce a differential diagnosis, recognising and working within their scope of practice.
8	Apply knowledge of anatomy, physiology and pathology to clinically complex situations in a focussed area of ultrasound.
9	To demonstrate the awareness / underpinning knowledge of personal safe practice to reduce the risk of Work Related Musculoskeletal Disorders.
10	Demonstrate an awareness of patient safety in the clinical setting.
11	Critically appraise the role of the sonographer within the multidisciplinary team, and communicate effectively with other members to promote patient care
12	Verbally communicate a clinical report to clinicians and other professionals, working effectively in a multidisciplinary team.
13	Recognise the advantages of interdisciplinary working in the clinical department in order to optimise patient care.
14	Recognise professional scope of practice and make referrals where appropriate;
15	Produce a clear, concise written report for the referring clinician, with guidance for patient management where appropriate.
16	Recognise and escalate unexpected and clinically significant findings which result from the ultrasound examinations undertaken.
17	Where appropriate discuss the ultrasound findings directly with the patient, clearly, empathetically and using appropriate terminology.
18	Contribute to risk management activities such as; clinical discrepancy audit, equipment evaluation and other quality assurance procedures.
19	Demonstrate an awareness of the worldwide role of ultrasound and the role of the sonographer, in the production of a differential diagnosis.
20	Demonstrate an awareness of how to adapt behaviours in accordance with diverse patient needs.
21	Demonstrate an awareness of historic and social processes which can impact on the lives and collective experience of minority and diverse groups.

12	Course Requirements																																										
12a	<p>Level 4:</p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td>RAD4040</td> <td>Ultrasound Physics and Technology</td> <td>20</td> </tr> <tr> <td>RAD4041</td> <td>Anatomy and Physiology for Ultrasound Practice</td> <td>40</td> </tr> <tr> <td>RAD4042</td> <td>Introduction to Professional Life for Clinical Practice</td> <td>20</td> </tr> <tr> <td>RAD4043</td> <td>Obstetrics for Ultrasound Practice</td> <td>40</td> </tr> </tbody> </table> <p>Level 5:</p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td>RAD5040</td> <td>Abdominal Ultrasound 1</td> <td>40</td> </tr> <tr> <td>RAD5041</td> <td>Diagnostic Imaging Methods</td> <td>20</td> </tr> <tr> <td>RAD5042</td> <td>Evidence Based Practice</td> <td>20</td> </tr> <tr> <td>RAD5043</td> <td>Obstetrics & Gynaecological Ultrasound 1</td> <td>40</td> </tr> </tbody> </table> <p>Level 6:</p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):</i></p> <table border="1"> <thead> <tr> <th>Module Code</th> <th>Module Name</th> <th>Credit Value</th> </tr> </thead> <tbody> <tr> <td>RAD6059</td> <td>Abdominal Ultrasound 2</td> <td>40</td> </tr> <tr> <td>RAD6060</td> <td>Obstetrics & Gynaecological Ultrasound 2</td> <td>40</td> </tr> <tr> <td>RAD6061</td> <td>Research Proposal</td> <td>40</td> </tr> </tbody> </table>	Module Code	Module Name	Credit Value	RAD4040	Ultrasound Physics and Technology	20	RAD4041	Anatomy and Physiology for Ultrasound Practice	40	RAD4042	Introduction to Professional Life for Clinical Practice	20	RAD4043	Obstetrics for Ultrasound Practice	40	Module Code	Module Name	Credit Value	RAD5040	Abdominal Ultrasound 1	40	RAD5041	Diagnostic Imaging Methods	20	RAD5042	Evidence Based Practice	20	RAD5043	Obstetrics & Gynaecological Ultrasound 1	40	Module Code	Module Name	Credit Value	RAD6059	Abdominal Ultrasound 2	40	RAD6060	Obstetrics & Gynaecological Ultrasound 2	40	RAD6061	Research Proposal	40
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