

# Gynaecological Ultrasound

The primary aim of this programme is to enable practitioners to formalise and develop their understanding of the relevant ultrasound principles in obstetrics and related subjects, develop their analytical, problem solving and critical thinking skills to enable them to apply this knowledge and deliver a high quality service to their patients. In addition, the course stimulates students to undertake research and evidence-based practice, which enhances clinical effectiveness.

The programme is accredited by the Consortium for the Accreditation of Sonographic Education (CASE) and is designed to produce clinically competent sonographers in gynaecology with sound knowledge and comprehension of the academic basis of ultrasound - hence to integrate academic and clinical education. The clinical education component consists of the student undertaking ultrasound scans in a recognised clinical department supervised by experienced named trainer(s) who must be approved by the course faculty. Students will be expected to document the skills acquired in their log books to demonstrate attainment of the learning outcomes.

The programme accepts health professionals who are either already working, or intend to work, in the fields of gynaecological ultrasound. The academic component includes the study of core modules: current applications of ultrasound and imaging modalities in obstetrics and gynaecology, the underlying scientific principles, safety, and equipment design, as well as a choice from any of the following:

- Research, statistics and evidence-based medicine.
- Team working and inter professional practice.
- Legal aspects of care.
- Management issues in ultrasound practice.

There are two phases leading to the full MSc degree, a taught phase (One year full-time, two years part-time - 120 credits) and an MSc project - dissertation phase (six months full-time and one year part-time - 60 credits). Student must successfully complete the taught phase before progressing to the dissertation phase. Students proceeding to an MSc degree are required to study the research module. The dissertation phase consists of successful completion of a taught diploma and a 20,000 word research project, the subject of which must be relevant to ultrasound in the student's chosen route.

These courses are suitable for professionals already working in, or who intend to work in the field of Gynaecological Ultrasound, who wish to undertake a structured ultrasound training programme leading to a recognised competency-based university certification. The course aims to develop clinically competent practitioners in obstetric and gynaecological sonography who will be able to contribute through research and scholarship to the development of knowledge and evidence based medicine in the field of ultrasound.

## **Modules**

<b>Module title</b>	<b>Credits</b>
<b>Practice of Level 1 Gynaecological Ultrasound</b>	<b>20 credits</b>
<b>Practice of Level 2 Gynaecological Ultrasound</b>	<b>20 credits</b>
<b>Foundation Science</b>	<b>20 credits</b>
<b>Research, Statistics and Evidence Based Medicine</b>	<b>20 credits</b>
<b>Dissertation: Gynaecological Ultrasound</b>	<b>60 credits</b>

## **Optional Modules**

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<b>Practice of Level 2 Gynaecological Ultrasound</b>	<b>20 credits</b>
<b>Team Working</b>	<b>20 credits</b>
<b>Legal Aspects of Care</b>	<b>20 credits</b>
<b>Management Issues</b>	<b>20 credits</b>
<b>Research, Statistics and Evidence Based Medicine</b>	<b>20 credits</b>

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### **Admissions criteria**

Candidates will normally be health professionals who hold a relevant first degree or Diploma and intend to further their career in Gynaecological ultrasound. Examples of the health professionals may include radiographers, sonographers, radiologists, nurses, midwives, obstetricians, gynaecologists and speciality trainees with interest in gynaecological ultrasound.

Applicants are expected to have worked for at least 2 years full-time in their relevant profession or speciality after their pre-registration qualification.

Applicants should expand on relevant clinical and ultrasound/imaging experience in their Personal Statement.

The University requires postgraduate students whose first language is NOT English to have attained one of the following within the last two years:

- An overall score of 6.5 in the British Council IELTS test, with a minimum score of 5.5 in each skill area;
- A GCE or GCSE in English Language at Grade C or above

Note: International students pursuing part-time programmes of study are not eligible for Tier 4 (General Student) visas.

## Key facts

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Next intake                      September 2017

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Duration                              18 months

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Qualification                      MSc

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Mode                                      Full-time

## Fees

### International Students

£18,980 FT

£9,490 PT