We have designed our Medical Ultrasound course for radiographers, doctors, midwives, scientists and others who want to practice clinical ultrasound in their professional roles. Our lectures are organised in block release, in conjunction with compulsory clinical placements so that you can take the course while still working. In accordance with accepted good practice, the course integrates theory with practice, meaning that you will perform diagnostic ultrasound examinations as you learn.

Key benefits

- Accredited by the Consortium for the Accreditation of Sonographic Education (CASE).
- Expert outside speakers contribute extensively to the course.
- Located in the heart of London and part of the Faculty of Life Sciences & Medicine, the course attracts students from a variety of disciplines.
- Practice focused: you will develop and apply diagnostic ultrasound imaging skills in your clinical training placement.
- Substantial student-tutor contact time supplemented by e-learning.

Course details

The course, accredited by the Consortium for the Accreditation of Sonographic Education (CASE), will teach you how to use ultrasound imaging in clinical practice. You will be taught the principles and practice of ultrasound science, the practical applications of ultrasound and develop an appreciation of the principles of scientific investigation. Throughout the course, we will assess your clinical practice. This does not just mean technique, but also knowledge, comprehension, communication, analysis and management – in terms of the patient, your technology and your personal qualities. We will also discuss medico-legal, ethical and professional issues.

Through an introduction to the physics, equipment, safety and relevant professional issues alongside clinical modules, you will develop an understanding of current techniques and proficiency in medical ultrasound. You may choose clinical modules in obstetric and gynaecology ultrasound, general medical ultrasound or vascular ultrasound. You can take a work-based module to meet your individual needs within the PG Certificate in Specialist Ultrasound Practice. These options allow you to build a personalised, proficiency-based learning programme.

This Medical Ultrasound course is ideal for healthcare professionals wanting to develop new skills in ultrasound, experienced sonographers extending proficiency in a specialist area or clinicians who wish to utilise ultrasound imaging in clinical practice.

You can choose to take the 60-credit PG Certificate, which is only nine months, the 120-credit PG Diploma, which lasts 18 months, or the 180-credit MSc, which lasts 27 months and involves an extended research project in your final year.
Teaching
You will have approximately 132 hours of academic teaching on a block release pattern. You will undertake a minimum of 21 hours a week of supervised scanning throughout the course. A member of the programme team will visit you at your workplace to support you and observe your work. We will expect you to undertake around 15 to 20 hours of independent study per week.

Typically, one credit equates to 10 hours of work.

Assessment
You will be assessed through a combination of:
- coursework
- written examination
- Objective Structured Computer Examination (OSCE)
- presentations
- case studies
- Clinical Portfolio of Evidence and Clinical Assessment, where appropriate.

The study time and assessment methods detailed above are typical and give you a good indication of what to expect. However, they are subject to change.

Course structure
Courses are divided into modules. You will normally take:
- MSc – modules totalling 180 credits
- PG Diploma – modules totalling 120 credits
- PG Cert – modules totalling 60 credits

Year 1
MSc, PG Dip and PG Cert

Required modules
You are required to take the following module:
- Fundamentals of Ultrasound (30 credits)

Optional modules
In addition, you are required to take one module from a range of optional modules, which may typically include:
- Obstetrics & Gynaecology (30 credits)
- General Medical Ultrasound (30 credits)
- Vascular Ultrasound (30 credits)
- Negotiated Learning in Medical Ultrasound (30 credits)
- Negotiated Learning with Clinical Proficiency in Medical Ultrasound (30 credits) – not available for PG Cert students

Year 2
MSc and PG Dip only

Required modules
You are required to take the following module:
- Research Methods (30 credits)

Optional modules
In addition, you are required to take one module from a range of optional modules, which may typically include:
- Obstetrics & Gynaecology (30 credits)
- General Medical Ultrasound (30 credits)
- Vascular Ultrasound (30 credits)
- Negotiated Learning with Clinical Proficiency in Medical Ultrasound (30 credits)
- Negotiated Learning in Medical Ultrasound (30 credits)
- Further Negotiated Learning with Clinical Proficiency in Medical Ultrasound (30 credits)

Year 3
MSc only

Required modules
You are required to take the following module:
- Research Project (60 credits)

If you are a PG Cert student, the modules you take will lead to different awards. The award are Medical Ultrasound (Obstetrics & Gynaecology), Medical Ultrasound (General Medical) or Medical Ultrasound (Management of the Ultrasound Service).

Location
This course is primarily taught at the King’s College London St Thomas’, Guy’s and Waterloo Campuses.

Career prospects
The majority of our graduates go on to work as a sonographer or ultrasound practitioners in the NHS or the Independent Sector and become advanced and consultant practitioners. Others use ultrasound scanning proficiency as part of their clinical examination of patients.
**Fees and funding**

**Part-time tuition fees – UK**
The UK tuition fees for the 2018–19 academic year are available on the course web page.

Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

**Part-time tuition fees – EU**
Current regulations allow some students to pay UK tuition fees on the basis of their EU citizenship or residency. Until these eligibility criteria are changed, the EU tuition fee will remain the same as the UK tuition fee.

The UK tuition fees for the 2018–19 academic year are available on the course web page.

Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

**Part-time tuition fees – International**
The International tuition fees for the 2018–19 academic year are available on the course web page.

Please note that the tuition fees for subsequent years of study may be subject to increases in line with King’s terms and conditions.

**Deposit**
When you receive an offer for this course you will be required to pay a non-refundable deposit to secure your place. The deposit will be credited towards your total fee payment.

The UK/EU deposit is £500.

The International deposit is £2,000.

For further information, please visit the fees and funding section of our website: www.kcl.ac.uk/study/postgraduate/fees-and-funding/index.aspx

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**Additional costs**
In addition to your tuition fees, you can also expect to pay for:

- books if you choose to buy your own copies
- clothing for optional course related events and competitions
- library fees and fines
- personal photocopies
- printing course handouts
- society membership fees
- stationery
- travel costs for travel around London and between campuses
- graduation costs.

**Disclaimer**
This PDF was produced in July 2017. Although it was up-to-date at the time it was produced, please make sure you check our website www.kcl.ac.uk/study or contact us directly for the very latest information before you commit yourself to any of our courses.

**Contact us**
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