



## MSc Medical Ultrasound Course Specification Contents

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Description of Modification	Date approved	Cohort(s) to which mod0 g/TT(s)/P applies
<p>TO: Interventional Gynaecology Ultrasound</p> <p><b><i>ILO updates to:</i></b> MUS7055-Ultrasound Guided Fine Needle Aspirations BIM7001 Breast Ultrasound</p> <p>Updates to unit coding. Removal of ref to APP framework.</p>		
<p>Corrections to Unit Codes</p>	<p>NA- corrections- applied September 2023- no version change</p>	<p>September 2023 and all future cohorts</p>

This specification provides a concise summary of the main features of the course and the learning

## Course Overview

### 1. Admissions regulations and entry requirements

The regulations for this Course are the AECC University College's Standard Admission Regulations which may be found from the [Latest Policies webpage](#). These regulations include the entry requirements and specific requirements regarding English language.

### 3. Intended Learning Outcomes

#### Intellectual Skills

Having successfully completed this course students will be able to:

- B1 critically reflect on the practice of diagnostic ultrasound
- B2 critically evaluate research and experiential evidence so as to develop reasoned arguments and arrive at valid conclusions
- B3 apply new knowledge and insight to inform and change professional practice
- B4 make sound diagnostic decisions from a range of information sources including ultrasound images
- B5 synthesise existing knowledge and practice to identify areas amenable to research and other forms of investigation (MSc stage only)

#### Practical Skills

Having successfully completed this course students will be able to:

- C1 demonstrate new skills for safe and competent ultrasound practice
- C2 acquire high quality ultrasound images
- C3 effectively and sensitively communicate findings and conclusions to peers, colleagues and patients
- C4 demonstrate the ability to seek second and expert opinion
- C5 plan and undertake an original and systematic line of enquiry to inform professional practice (MSc stage only).

#### Transferable skills

Having successfully completed this course students will be able to:

- D1 r

## 5. Placements, work-based learning or other special features of the course

In order to acquire the practical skills, students must submit a Clinical Placement Agreement Form at the time of application for the relevant skills based on application fsT,ateTw 112 (he t)-6.6 (i)1q-6

## 10. Staff delivering the course

Students will be taught by AECC University College academic staff and qualified professional practitioners with relevant expertise.

Visiting subject specialist lecturers and workshop facilitators are brought in for all ultrasound skills-based units. Where appropriate, external teaching staff are GMC or HCPC registered and include consultant radiologists, sports exercise medicine, rheumatologists, obstetricians and gynaecologists as well as ultrasound trained chiropractors, podiatrists and physiotherapists.

## 11. Progression and assessment regulations

The regulations for this course are the University College's Standard Assessment Regulations which may be found from the [Latest Policies webpage](#). Please also refer to section 19 of this policy.

## 12. Additional costs

Additional costs are mandatory or optional costs which students will need to meet in order to fully participate in and complete their course. Students will need to budget for these costs separately as they are not included in the overall Tuition Fee they are charged. Information about additional costs applying to students on this course can be found in the document **Important information to take into account when choosing your course** available from the [Latest Policies webpage](#).

## 13. Methods for evaluating the quality of learning and teaching

Students have the opportunity to engage in the quality assurance and enhancement of their courses in a number of ways, which may include:

- f* completing student surveys annually to give feedback on individual units and on the course as a whole
- f* completing feedback surveys at the end of formal teaching sessions
- f* informal feedback through practical seminars and workshops, and in clinical placements
- f* seeking nomination as a Student Union representative OR engaging with these elected student representatives
- f* serving as a student representative on Evaluation panels for course approval/review
- f* taking part in course approval or professional body meetings by joining a group of students to meet with the panel
- f* taking part in meetings with the external examiner(s) for the course (such meetings may take place virtually where courses are part-time).

The ways in which the quality of the University College's courses are monitored and assured checked, both inside and outside the institution, are:

- f* annual monitoring of units and courses
- f* periodic Course review, at least every six years.
- f* External examiners, who produce an annual report
- f* oversight by Academic Development and Quality Committee (which includes student representation), reporting to Academic Board
- f* oversight by QAA institutional review (2017)
- f* Professional body accreditation and annual reports to these bodies (Consortium for Accreditation of Sonographic Education).



## 14. Inclusivity statement

## Appendix 1: Course Diagram MSc Medical Ultrasound

Entry

Level 7

### Core units

Science and Instrumentation of Ultrasound (20)  
At least TWO application-specific Units\*  
Research Methods (20) and Dissertation (40)  
or  
Audit Methods (20) and Clinical Audit (40)

### Optional units

#### Application specific units:

\*Upper Limb Ultrasound (20)

\*Lower Limb Ultrasound (20)

\*Hip Ultrasound (20)

\*Soft Tissue Ultrasound (20)

\*Gynaecology Ultrasound (20)

\*Obstetrics 1<sup>st</sup> Trimester Ultrasound (20)

\*Obstetrics 2<sup>nd</sup> Trimester Ultrasound (20)

\*Obstetrics 3<sup>rd</sup> Trimester Ultrasound (20)

\*Abdominal Ultrasound (20)

\*Superficial Structures Ultrasound (20)

\*Musculoskeletal Ultrasound Guided Injections (20)

\*Negotiated Ultrasound Skills (20)

\*Breast Ultrasound (40)

\*Ultrasound Guided.7 (at)10ot bp9-0.7 -Jn4 (i)-0.7 (ded.7 (at.H0k-0.018 Tw34(at)10o0.387 0 Td[(on(r)3.7 (as)k-(ound)13.4

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## Appendix 2: Learning outcomes mapping document template

This table shows where a learning outcome referenced in the course specification may be demonstrated by successful completion of a unit.

Unit	Subject Knowledge and Understanding	Intellectual Skills	Practical Skills	Transferable Skills
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	Unit	Subject Knowledge and Understanding	Intellectual Skills	Practical Skills	Transferable Skills
		A 1			

## Course summary

### Course title: MSc Medical Ultrasound

Unit details			Core/ Option	Pre/ co requisite units	No of credits (level in brackets)	Assessment Element Weightings (%) <sup>*</sup>					Estimated learning hours		
Number	Title	Versi on no.				Cwk 1	Cwk 2	Prac 1	Prac 2	Prac 3	scheduled contact	Directed non- contact) <sup>+</sup>	self- directed
MUS7 001	Science and Instrumentation of Ultrasound	1	Core		20 (Level 7)	100		P/F			26		174
MUS7 002	Upper Limb Ultrasound*	1.1	Option	Co: 01	20 (Level 7)	100	P/F	P/F	P/F	P/F	14	86	100
MUS7 003	Lower Limb Ultrasound*	1.1	Option	Co: 01	20 (Level 7)	100	P/F	P/F	P/F	P/F	14	86	100
MUS7 004	Hip Ultrasound*	1.1	Option	Co: 01	20 (Level 7)	100	P/F	P/F			14	86	100
MUS7 045	Soft Tissue Ultrasound*	1.1	Option	Co: 01	20 (Level 7)	100	P/F	P/F			7	86	107
MUS7 006	Gynaecology Ultrasound*	1	Option	Co: 01									

Unit details			Core/ Option	Pre/ co requisite units	No of credits (level in brackets)	Assessment Element Weightings (%) <sup>*</sup>					Estimated learning hours		
Number	Title	Versi on no.				Cwk 1	Cwk 2	Prac 1	Prac 2	Prac 3	scheduled contact	Directed non- contact) <sup>+</sup>	self- directed
MUS7 056	Interventional Gynaecology			Co: 46 or 48									

Unit details		Version no.	Core/ Option	Pre/ co requisite units	No of credits (level in brackets)	Assessment Element Weightings (%)*					Estimated learning hours
Number	Title					Cwk 1	Cwk 2	Prac 1	Prac 2	Prac 3	
											180 P ve 7 tr10. [(lr-0. [(ude)1h)37 sgh(r10. [(esr10. [(s)-2m