

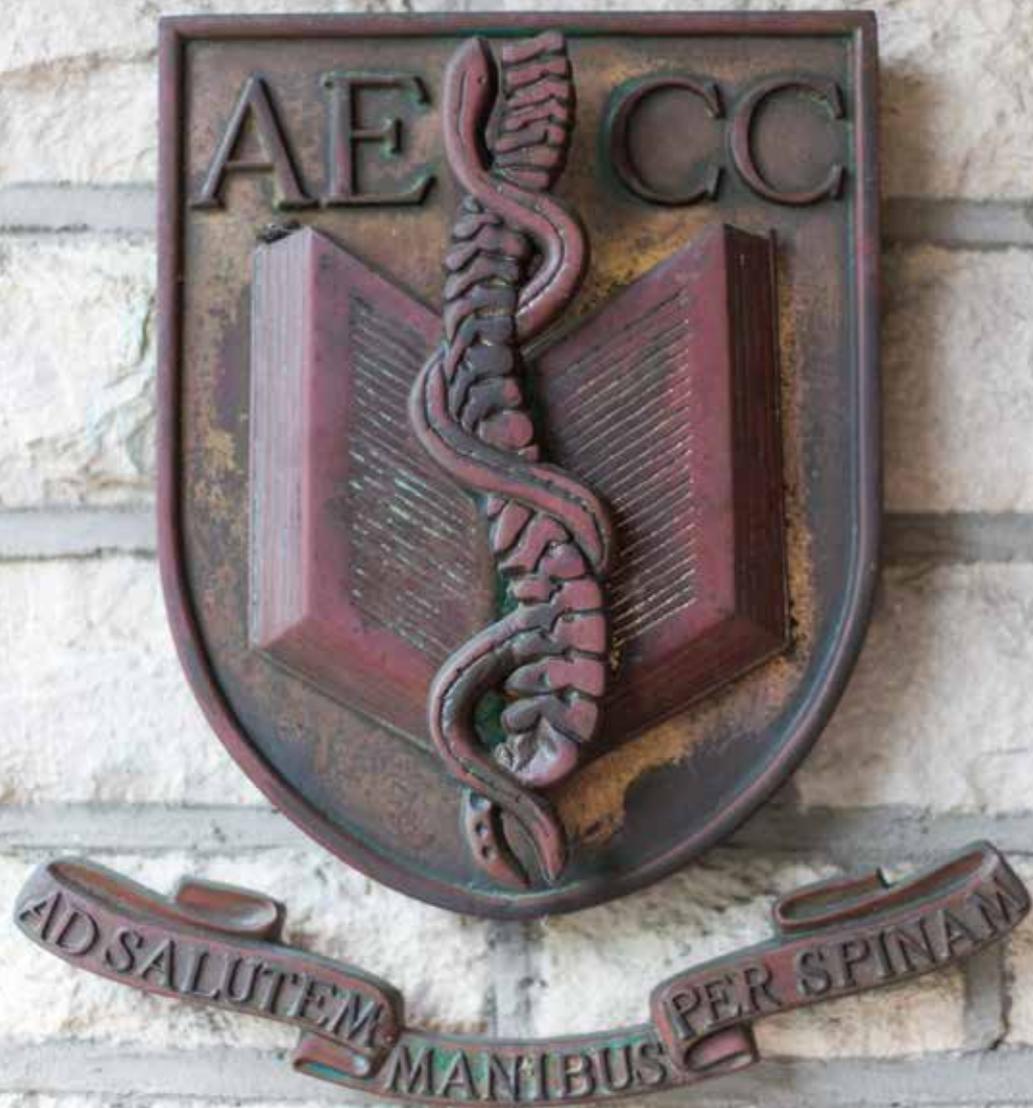
AECC Postgraduate Prospectus

Excellence in education, clinical training and research

MSc

PgDip

PgCert



Welcome to our postgraduate prospectus.

The AECC is recognised as a leading higher education institution with specific interest in musculoskeletal health. Our reputation attracts world leading faculty and speakers enabling us to provide postgraduate programmes of excellence.

We have developed a range of specialist postgraduate programmes attracting practitioners from many healthcare fields including chiropractic, diagnostic imaging, medicine, midwifery, nursing, osteopathy, sports science, physiotherapy and radiography to name a few. We are proud to have established ourselves as a leading provider in the area of diagnostic imaging, particularly musculoskeletal diagnostic ultrasound, which attracts students from across the globe.

Welcome to the AECC

I thank you for taking an interest in the AECC. I hope you choose to join us to continue your educational journey.

Professor Haymo Thiel
Principal

Contents

2	Our location	18	MSc APP Paediatric Musculoskeletal Health
4	About us	20	MSc Medical Ultrasound
8	Research enhanced education	22	Essential information
10	AECC diagnostic imaging	23	How to apply
12	Choose a new way to learn	23	How to find us
14	MSc APP Clinical Sciences	24	Terms and conditions
16	MSc APP Functional Musculoskeletal Health		



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**JURASSIC COAST
UNESCO WORLD
HERITAGE SITE**

30 minutes away by train



**BOURNEMOUTH
PIER**

45 minutes walk



**BOURNEMOUTH
TOWN CENTRE**

15 minutes on the bus

**BOSCOMBE
BEACH**

10 minutes walk



TRAIN STATION

10 minutes on the bus



**AECC
Campus**



SOUTHAMPTON

1 hour away by train



STONEHENGE

2 hours away by bus



LONDON

2 hours away by train

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About us

Here at the AECC we have a global reputation as a leader in education and training in musculoskeletal healthcare. We are proud to offer students the opportunity to benefit from our state of the art facilities and international reputation, which we have earned through continuously driving innovation and development.

Since opening our doors to students in 1965, we have built on our success each year through our commitment to excellence in all that we do, now offering a range of postgraduate programmes which complement our undergraduate provision.

aecc.ac.uk/abouttheaecc



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SIMON GARSTIN

MSc APP Musculoskeletal Rehabilitation

I really liked the look of the structure of the course, that it is relatively involved but not so much time requirement in terms of being away from my practice and the support from the tutors is fantastic.

We remain committed to excellence in education, clinical training and research that allows us to cultivate an environment in which our students are encouraged to achieve the highest standards and our teaching staff are regarded among the best in the world. As such, those who are attracted to undertake our courses come from various educational and professional backgrounds, including:

Science, sport, physiotherapy, medicine, chiropractic, exercise science, osteopathy, nursing and radiography.

We are an independent provider of higher education but benefit from government funding through our relationship as an Associate College of Bournemouth University. We invited the Quality Assurance Agency (QAA) in to assess us, (this is not compulsory for an independent provider) achieving very successful outcomes and highlighting specific areas of excellence, including the use of professional benchmarks as quality standards and the teaching clinic as a training facility for students.





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JULIEN PORTELLI

MSc graduate 2013

I'm a GP on the island of Malta. I started the MSc in Ultrasound three years ago with a group of Maltese doctors. It has been very useful and has enhanced my practice to help me to help my patients better with ultrasound. It has allowed me to build up additional skills.

OUR FACULTY

Our faculty come from all over the world to teach at the AECC. We are proud of our ability to attract experienced, highly qualified and professional staff from many disciplines including radiology, ultrasound, physiotherapy and anatomy.

Recognised globally as leaders in their field, our faculty continuously contribute to research, enhancement of patient care, and provide services to professional bodies including those related to the National Health Service.

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FEDERICO TISO

AECC graduate

I think that the relationship between tutors and students at the AECC is fantastic, as they appear to be truly interested in getting the students to learn rather than simply preparing them to complete assessments.



LEARNING RESOURCES

All students are signed up to our virtual learning portal Moodle, where teaching and learning resources are uploaded by faculty members and can be accessed off campus. Students also have access to a brand new, top of the range multimedia editing suite, anatomical models laboratory and an anatomy pro-section facility.

The AECC library houses an extensive collection of printed books and journals. In addition to this, the library provides online access to a vast and growing number of electronic resources, including databases, e-journals and e-books. Individual study spaces are available throughout the library, as is a bookable group study room for collaborative work. Wi-Fi is available throughout the campus and there is plenty of space to work independently or in groups using own devices, or laptops which are available for loan from the library.

Research enhanced education

Our research ensures evidence-informed practice is taught throughout the students' time with us, underpinning their education and in turn keeping them up-to-date with contemporary changes in approaches to clinical care. We encourage students to be critical thinkers and to explore new research in order for them to become valuable members of an ever-developing healthcare community.



SOME OF OUR CURRENT RESEARCH PROJECTS

IMRCI

The College's Institute for Musculoskeletal Research and Clinical Implementation (IMRCI) is a world leader in the development of Quantitative Fluoroscopy (QF) - an advanced technique for measuring the stability of spinal linkages. A centre for research and enterprise, the Institute has patented and commercialised QF in partnership with medical devices companies and its staff have recently published ground breaking research that has shown for the first time potential relationships between spinal mechanics, pain and manipulative treatment.

PROMS

Patient Reported Outcome Measures (PROMs) are a form of questionnaire which measures the level of health as viewed by the patient. This system has begun to be adopted within the NHS and students in our on-site clinic are trained to use PROMs in managing patients. Our research centres around how PROMs can be used to monitor outcomes in musculoskeletal conditions that account for significant NHS expenditure such as diabetes, asthma and stroke.

MRI

The acquisition of an open and upright MRI scanner in 2014 will lead to many more exciting projects, cementing the AECC as a leader in musculoskeletal (MSK) imaging. Together with our on-site Centre for Ultrasound Studies, X-ray and Quantitative Fluoroscopy (QF), this addition will ensure the AECC remains firmly at the forefront of MSK diagnostic imaging.

AECC diagnostic imaging

AECC houses three diagnostic imaging technologies for the investigation of musculoskeletal disorders that are not available together anywhere else in the world: Quantitative Fluoroscopy of the Spine, Open Upright MRI and Diagnostic Ultrasound.



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DR DAVID WICKES
President, Canadian Memorial Chiropractic College
It's been many years since I've visited AECC... I'm very impressed with the advances you have made in imaging

OPEN UPRIGHT MRI

The AECC has the only open, upright MRI scanner in the South of England and is the only chiropractic institution to have this specific scanner. We accept referrals from registered health professionals through our MRI service: **Bournemouth Open Upright MRI**. This is used for patients who need an upright scan, suffer from claustrophobia in a conventional scanner or need to be scanned with their limbs or body in a bent position.

aecc.ac.uk/MRI



Bournemouth
Open Upright MRI

CENTRE FOR ULTRASOUND STUDIES (CUS)

We are proud to boast an on-site centre of excellence in our **Centre for Ultrasound Studies**. The centre provides a number of innovative, high quality ultrasound courses for a variety of healthcare professionals and allows AECC students to engage with ultrasound as a diagnostic facility. It also hosts our MSc Medical Ultrasound programme, providing placement opportunities for those on this programme.

cusultrasound.co.uk

QUANTITATIVE FLUOROSCOPY (QF)

QF has been used primarily for research at the AECC, but is now coming of age as an important diagnostic tool for determining the mechanical stability of the segments of the neck and back. These issues are key in the diagnosis of problematic spine disorders that may require surgery.

Our advanced imaging facilities are producing research opportunities at the AECC, as well as enhanced learning experiences for our student body.

Choose a new way to learn

As a leading healthcare institution, the AECC offers a range of postgraduate opportunities to suit you. Delivered through distance learning, with some attendance at the college, you will have the flexibility to continue working whilst gaining further qualifications.

The AECC offers two part-time Masters frameworks:

- **MSc ADVANCED PROFESSIONAL PRACTICE** with three programmes to develop advanced clinical and practical skills in specialised areas of practice
- **MSc MEDICAL ULTRASOUND**



LEARNING AND DELIVERY

Our MSc programmes involve attending some formal seminars as well as self-study. We provide teaching through a mix of tutorials, workshops, practical skills classes, seminars, small group work and lectures, as required within individual units, and to meet the needs of specific programmes of study developed for each student. Students will be required to undertake private study, reading, research, and prepare presentations and assignments, and should expect to spend, on average, eight hours per week studying.

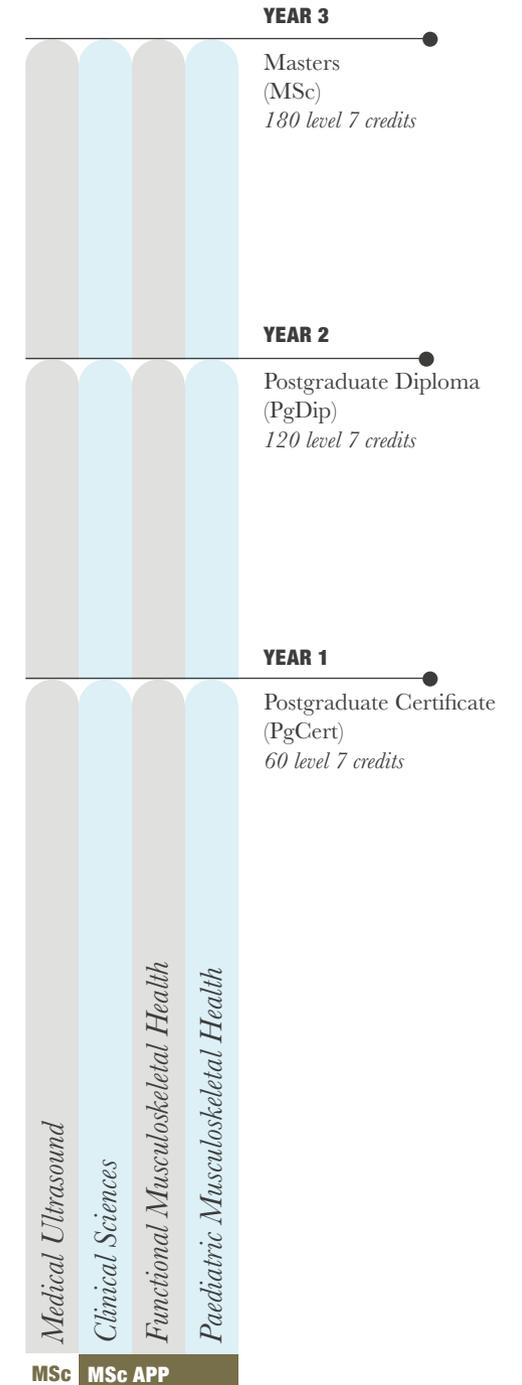
For all units, students will have identified contact with unit tutors through email/phone and pre-arranged, mutually convenient one-to-one tutorial sessions at the institution. Arrangements for submission of assignments and feedback on performance and progression will be provided throughout the programme through these tutor links.

Students have access to web-based resources, including electronic databases and gateways, on-line journals and links to relevant web sites. A dedicated and secure website will house all relevant information for students, as well as up-to-date information and notices, details of deadlines for assignments, and a discussion forum for students to network amongst themselves.

POSTGRADUATE CREDITS

All MSc programmes are available with various exit qualifications, allowing you to earn credits as you learn.

The first stage is the *Postgraduate Certificate (PgCert)*, and then if you wish, you can carry on to the *Postgraduate Diploma (PgDip)* stage. The final stage is the *Masters (MSc)* qualification. It typically takes one year to complete each stage.





MSC APP

Clinical Sciences

COURSE OVERVIEW

As a healthcare professional, you are learning all the time and this MSc allows you to use that learning, no matter if you are a chiropractor, physiotherapist, osteopath, medical doctor or another healthcare practitioner. As a practitioner, you will have areas that interest you, and in which you would like to learn more. No matter what these are, the programme will allow you to identify your own objectives, learn according to your own needs and in doing so, enhance your knowledge and skills, and most importantly, improve your own professional practice. Right from the start this MSc will get you thinking about what you do, and how you can improve. More than just an academic qualification, it will change your practice.

97% of students agree or strongly agree that the MSc APP programme has helped to improve their professional practice.

ENTRY REQUIREMENTS

The Clinical Sciences course is intended for healthcare professionals in professional practice, including clinicians, teachers and researchers. Applicants must have a recognised professional qualification in line with the admissions regulations. Credit for prior learning may be possible.

Formal attendance (normally one weekend for each unit) is required on the following units:

- Professional Clinical Practice
- Evidence-based Practice
- Research Methods
- Audit Methods
- Three seminars on which to base the Structured Learning Event units (these can be attended elsewhere with prior approval of the Programme Leader)

PGCERT

- Professional Clinical Practice (20 credits)
- Evidence-based Practice (20 credits)
- Structured Learning Event (1) (20 credits)

PGDIP

Students can choose from these units to total 60 M Level credits:

- Structured Learning Event* (2) (20 credits)
- Structured Learning Event* (3) (20 credits)
- Current Advances in Practice (20 credits)
- Clinical Placement (40 credits)
- Orthopaedics Practice* (20 credits)

** Formal CPD event fees for the Structured Learning Event and Orthopaedics Practice units are not included in the tuition fee, however students attending AECC CPD seminars will pay the reduced student rate if available.*

MASTERS

Students choose one of the following combinations to a total of 60 credits.

Research Methods (20 credits)

To fully appreciate and implement evidence-based practice, practitioners must understand different types of clinical research designs, and the best designs to answer particular types of clinical questions. This unit not only develops skills in clinical research designs, data collection and data analysis, but prepares the individual to identify potential areas for research inquiry and systematically plan a research investigation.

Dissertation (40 credits)

At Masters level, practitioners must complete a research investigation in an area applicable to professional practice. In many cases, the investigation will be carried out in the professional practice setting, collecting and analysing real-time clinical data. Facilities are also available at the AECC for those wishing to conduct experimental investigations. The individual will be supported throughout his/her dissertation work by expert research supervision and with access to institutional research facilities and ethics approval boards.

OR

Audit Methods (20 credits)

To fully appreciate and implement evidence-based practice, practitioners must understand clinical audit and its role in clinical governance. This unit develops skills in data collection and data analysis based on audit findings, and ways to improve clinical practice.

Clinical Audit (40 credits)

For many healthcare professionals a clinical audit is very relevant to professional practice, allowing recommendations to be made to improve professional practice.

Up to date units and fees can be found on our website

AECC.AC.UK/PG

**MSC APP**

Functional Musculoskeletal Health

COURSE OVERVIEW

The MSc APP (Functional Musculoskeletal Health) programme offers the student the facilitation of advanced knowledge and exposure to the latest research within the functional musculoskeletal healthcare profession and should be considered as essential for professionals planning to work within this speciality. This programme is open to all healthcare professionals with an interest in developing advanced clinical and practical skills in this area.

This is an interdisciplinary, comprehensive programme designed to provide a unique preparation for sports injury, performance management and injury rehabilitation. Students are prepared by didactic and hands-on learning opportunities to evaluate, treat and rehabilitate acute and chronic musculoskeletal conditions. The recipient of the MSc APP (FMH) degree will possess the skills essential for the assessment, treatment, rehabilitation and management of musculoskeletal related injuries for the elite athlete or weekend warrior.

ENTRY REQUIREMENTS

The Functional Musculoskeletal Health course is intended for healthcare professionals in professional practice, including clinicians, teachers and researchers. Applicants must have a recognised professional qualification in line with the admissions regulations. Credit for prior learning may be possible.

PGCERT AND PGDIP COMPULSORY UNITS:

- Professional Clinical Practice (20 credits)
- Evidence-based Practice (20 credits)
- Upper Body Functional Health* (20 credits)
- Lower Body Functional Health* (20 credits)

OPTIONAL UNITS**(CHOOSE TO THE VALUE OF 40 CREDITS):**

- Functional Management of Sports Injuries* (20 credits)
- Structured Learning Event* (1 and 2) (20 credits each)
- Current Advances in Practice (20 credits)
- Clinical Placement (40 credits)

** Formal CPD event fees for the Functional and Structured Learning Event units are not included in the tuition fee, however students attending AECC CPD seminars will pay the reduced student rate if available.*

MASTERS

Students choose one of the following combinations to a total of 60 credits.

Research Methods (20 credits)

To fully appreciate and implement evidence-based practice, practitioners must understand different types of clinical research designs, and the best designs to answer particular types of clinical questions. This unit not only develops skills in clinical research designs, data collection and data analysis, but prepares the individual to identify potential areas for research inquiry and systematically plan a research investigation.

Dissertation (40 credits)

At Masters level, practitioners must complete a research investigation in an area applicable to professional practice. In many cases, the investigation will be carried out in the professional practice setting, collecting and analysing real-time clinical data. Facilities are also available at the institution for those wishing to conduct experimental investigations. The individual will be supported throughout his/her dissertation work by expert research supervision and with access to institutional research facilities and ethics approval boards.

OR*Audit Methods (20 credits)*

To fully appreciate and implement evidence-based practice, practitioners must understand clinical audit and its role in clinical governance. This unit develops skills in data collection and data analysis based on audit findings, and ways to improve clinical practice.

Clinical Audit (40 credits)

For many healthcare professionals a clinical audit is very relevant to professional practice, allowing recommendations to be made to improve professional practice.

Up to date units and fees can be found on our website

AECC.AC.UK/PG

**MSC APP**

Paediatric Musculoskeletal Health

COURSE OVERVIEW

This programme is open to all healthcare professionals with an interest in musculoskeletal health in the paediatric population, epidemiology including risk factors, and public health issues including nutrition and physical activity.

This MSc is a part-time programme enabling healthcare practitioners to combine professional learning in the workplace with a postgraduate academic qualification.

ENTRY REQUIREMENTS

The Paediatric Musculoskeletal Health course is intended for healthcare professionals in professional practice, including clinicians, teachers and researchers. Applicants must have a recognised professional qualification in line with the admissions regulations. Credit for prior learning may be possible.

PGCERT

- Professional Clinical Practice (20 credits)
- Evidence-based Practice (20 credits)
- Musculoskeletal Health of the Neonate (20 credits)

PGDIP**(STUDENTS MUST CHOOSE UNITS TO TOTAL 60 M LEVEL CREDITS)**

- Musculoskeletal Health of the Infant and Toddler (20 credits)
- Growth, Development and Nutrition (20 credits)

Plus choose one of the following two Option Units:

- Structured Learning Event* (20 credits)
- Current Advances in Practice (20 credits)

** Formal CPD event fees for the Structured Learning Event are not included in the tuition fee, however students attending AECC CPD seminars will pay the reduced student rate if available.*

MASTERS

Students choose one of the following combinations to a total of 60 credits.

Research Methods (20 credits)

To fully appreciate and implement evidence-based practice, practitioners must understand different types of clinical research designs, and the best designs to answer particular types of clinical questions. This unit not only develops skills in clinical research designs, data collection and data analysis, but prepares the individual to identify potential areas for research inquiry and systematically plan a research investigation.

Dissertation (40 credits)

At Masters level, practitioners must have completed a research investigation in an area applicable to professional and paediatric practice. In many cases, the investigation will be carried out in the professional practice setting, collecting and analysing real-time clinical data. Facilities are also available at the institution for those wishing to conduct experimental investigations. The individual will be supported throughout his/her dissertation work by expert research supervision and with access to institutional research facilities and ethics approval boards.

OR*Audit Methods (20 credits)*

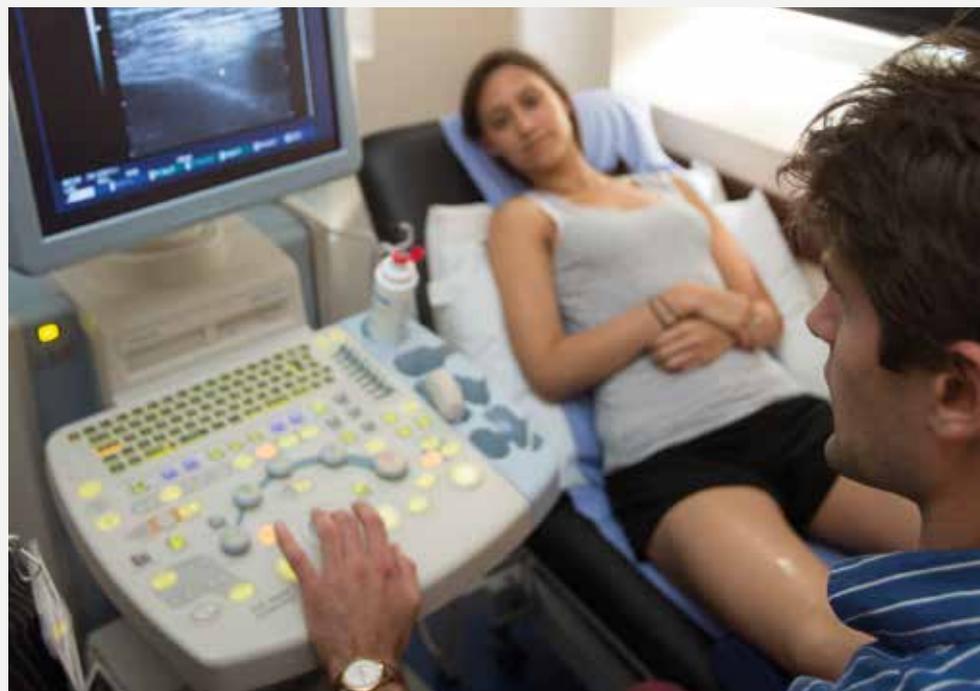
To fully appreciate and implement evidence-based practice, practitioners must understand clinical audit and its role in clinical governance. This unit develops skills in data collection and data analysis based on audit findings, and ways to improve clinical practice.

Clinical Audit (40 credits)

For many healthcare professionals a clinical audit is very relevant to professional practice, allowing recommendations to be made to improve professional practice.

Up to date units and fees can be found on our website

AECC.AC.UK/PG



MSC

Medical Ultrasound

COURSE OVERVIEW

The MSc degree in Medical Ultrasound, accredited by the Consortium for Accreditation of Sonographic Education (CASE), has been developed by the Centre for Ultrasound Studies (CUS) and the AECC, to support professional development for healthcare professions including radiographers, physiotherapists, chiropractors, podiatrists, nurses, midwives, osteopaths and medical doctors to attain the generic skills and attitudes of continuing professional development, experiential learning and reflective practice, and to develop advanced clinical and practical skills in ultrasound practice.

The MSc is a part-time programme enabling healthcare practitioners to combine professional learning in the workplace with a postgraduate academic qualification.

98% of students agree that the MSc Medical Ultrasound programme has helped to improve their professional practice.

ENTRY REQUIREMENTS

Applicants must have a recognised professional qualification or a first degree in a relevant subject in line with the admissions regulations. Applicants must complete at the time of application, to the satisfaction of the Programme Leader, a Clinical Workplace Agreement Form. This ensures that the clinical requirements of the programme can be met by the student.

Credit for prior learning may be possible.

AREAS OF STUDY INCLUDE

- MSK Upper Limb Ultrasound (20 credits)
- MSK Lower Limb Ultrasound (20 credits)
- MSK Hip/Groin Ultrasound (20 credits)
- Gynaecology Ultrasound (20 credits)
- Obstetrics 1st Trimester Ultrasound (20 credits)
- Obstetrics 2nd & 3rd Trimester Ultrasound (20 credits)
- General Ultrasound (40 credits)
- Negotiated Ultrasound Skills (20 credits each) (for example: Soft Tissue, Contrast Studies, Guided Injections)

CLINICAL PLACEMENTS

Clinical Placements for musculoskeletal clinical applications are available at CUS. These are charged at an additional cost to the MSc programme fee. CUS clinical placement students should expect to attend 1 - 2 clinical placement days per month, for each clinical application, for a period of at least 6 months normally starting in January.

Students with external musculoskeletal clinical placements are offered an optional mock assessment at the Centre for Ultrasound Studies (CUS) to assess their progress and familiarise themselves with the CUS machine controls which will be used for their final assessment. This is optional and will take place in CUS. Those students who wish to attend will be charged a small fee. The programme team will provide feedback on strengths, weaknesses and advice on any remedial training.

MASTERS

Research Methods (20 credits)

To fully appreciate and implement evidence-based practice, practitioners must understand different types of clinical research designs, and the best designs to answer particular types of clinical questions. This unit not only develops skills in clinical research designs, data collection and data analysis, but prepares the individual to identify potential areas for research inquiry and systematically plan a research investigation.

Dissertation (40 credits)

At Masters level, practitioners must have completed a research investigation in an area applicable to professional practice. In many cases, the investigation will be carried out in the professional practice setting, collecting and analysing real-time clinical data. Facilities are also available at the institution for those wishing to conduct experimental investigations. The individual will be supported throughout the dissertation work by expert research supervision and with access to institutional research facilities and ethics approval boards.

OR

Audit Methods (20 credits)

To fully appreciate and implement evidence-based practice, practitioners must understand clinical audit and the role in clinical governance. This unit develops skills in data collection and data analysis based on audit findings, and ways to improve clinical practice.

Clinical Audit (40 credits)

For many healthcare professionals a clinical audit is very relevant to professional practice, allowing recommendations to be made to improve professional practice.



Up to date units and fees can be found on our website

AECC.AC.UK/PG

Essential information for postgraduate programmes

START DATES

Enrolment is annually in October – applications must be submitted by August of the same year.

FEES

Please visit www.aecc.ac.uk/pg for the most up to date information.

FINANCIAL SUPPORT FOR PG STUDY

There are various ways to pay your postgraduate fees and you may be entitled to some support. For more information on this please visit www.prospects.ac.uk/funding_postgraduate_study.htm

STUDENTS WITH DISABILITIES

If you are a UK-based student and have disability-related course costs in your postgraduate study, then you may be eligible for support through the Disabled Students' Allowances (DSA) scheme. More information can be found here: www.gov.uk/disabled-students-allowances-dsas

ACCOMMODATION

If you need accommodation when you are studying with us there is a large selection available. Please visit our website for details.

TRAVEL

The closest train station is 'Pokesdown for Boscombe', just a 10 minute walk to the college. Bournemouth main train station is a short taxi journey. Alternatively, if you wish to travel by car, free parking is available on campus at weekends.

ADDITIONAL INFORMATION

Applicants must have a recognised first qualification in line with the admissions regulations. Credit for prior learning is possible on approval of the Programme Leader.

Applicants for whom English is not their first language must offer evidence of qualifications in written and spoken English. Acceptable qualifications are IELTS (academic) 6.0. For MSc Medical Ultrasound a higher score of IELTS 7.0 is required.

SPECIAL INFORMATION MSc MEDICAL ULTRASOUND

A limited number of clinical placements for musculoskeletal ultrasound clinical applications are available at the Centre for Ultrasound Studies, (CUS). These are charged at an additional cost to the programme fee. CUS clinical placement students should expect to attend up to two clinical placement days per each clinical application, for a period of at least six months.

Please contact sbattiston@aecc.ac.uk for further details on CUS clinical placements.

EQUAL OPPORTUNITIES

At the AECC our principle concern when considering applications is to select and recruit those students who are most likely to successfully complete our programme of studies and derive benefit from it. Once these requirements are met we disregard other issues such as disability (within the prescribed limits of capacity for the programme), ethnic origin, age, gender, marital status, number of dependent children, nationality (within current legislation), sexual orientation and beliefs relating to religion and politics.

How to apply for postgraduate courses

FOR FURTHER DETAILS AND INFORMATION CONTACT

Mary Louise Thiel
Head of Administration
Postgraduate Studies and CPD

msc@aecc.ac.uk
+44 (0)1202 436200

Request application and reference forms from the Admissions Officer, on admissions@aecc.ac.uk or download from www.aecc.ac.uk/pg

+44 (0)1202 436200

How to find us

Anglo-European College of Chiropractic
13-15 Parkwood Road
Bournemouth
BH5 2DF, England

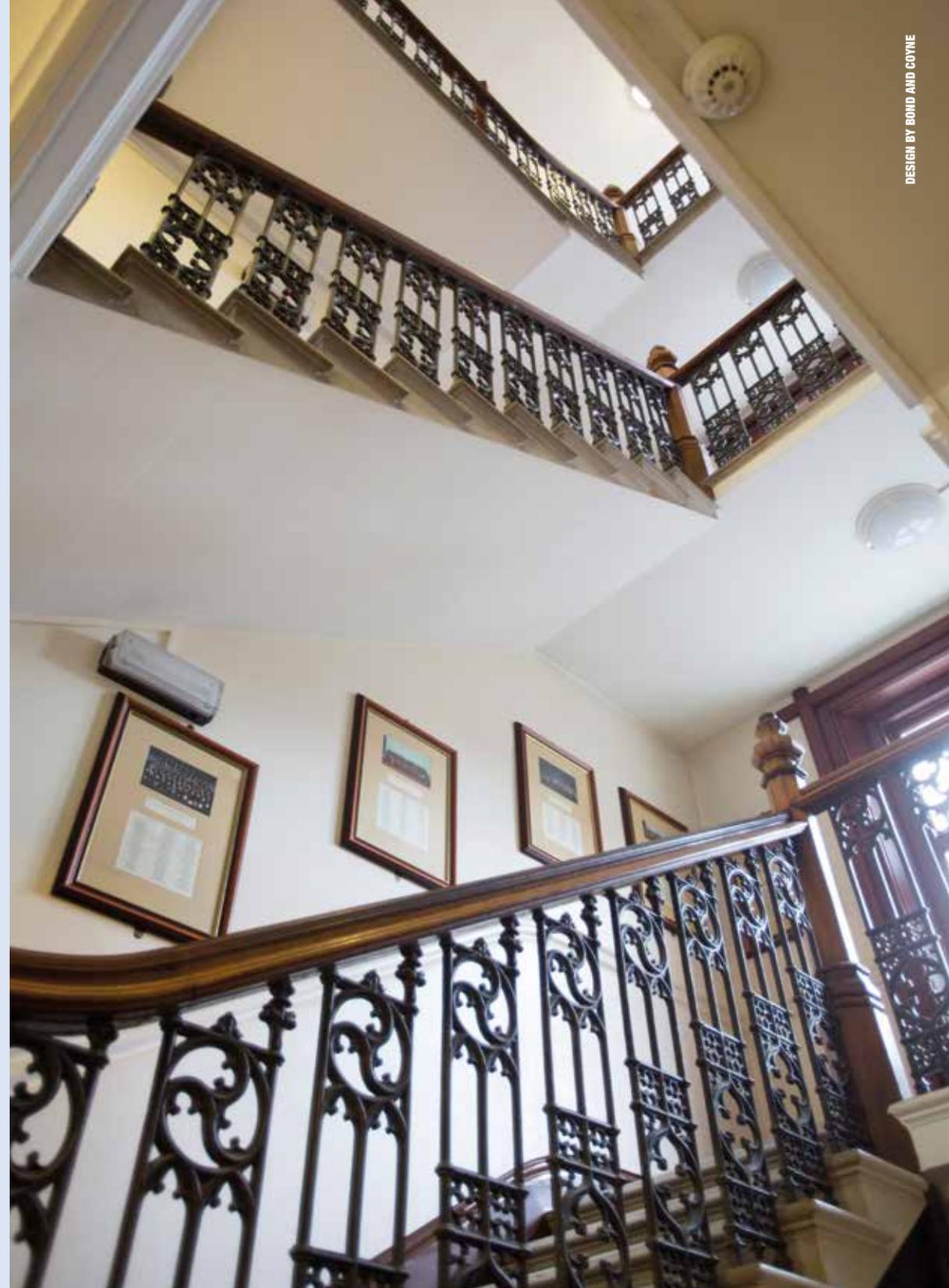
Please note, open days are for our chiropractic programmes only. If you wish to visit the college to find out more regarding our postgraduate programmes please contact admissions@aecc.ac.uk

LOCATION



Terms and conditions

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LMWIMQMIMTNWUQUMWD
QUMPIOMIMUIMQaTTIJMILE
WOIUUMMWLIMQNWUIQWD
QTTJMTQPMLIMIS





ANGLO-EUROPEAN
COLLEGE OF CHIROPRACTIC



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