



MSc

Clinical Biomechanics

Faculty of **Health Sciences**

Key Facts

Duration:
Minimum 3 years

Course begins:
September

Location:
Biomechanics Facility
Stoke Campus

Course fee:
For further information about
our fees please visit
www.staffs.ac.uk/internationalfees
www.staffs.ac.uk/feesandfunding

Is this award for you?

The MSc Clinical Biomechanics has been developed by research active clinical professionals to enhance your clinical practice by effectively applying mechanical principles in the management of pathology, human movement and gait dysfunction.



Entry requirements:

You are normally expected to be a HCPC registered Allied Health Professional. You can also be an associate of a Medical or an Allied Health Professional (such as Chiropractor, a Sports Therapist or a Biomechanist) who is involved in the clinical management of Musculoskeletal conditions.

About this award

You will study subject specific modules, such as Tissue Stress, Spinal Mechanics and Therapies using Biomechanical Principles, all chosen by you, to suit your clinical practice. You will also be able to embark on an innovative piece of research, giving you the opportunity to investigate problematic clinical conditions from a mechanical perspective. Modules are delivered on campus mainly during weekends with support study materials and discussions provided online. This enables you to build your studying into the working week, but also gives time between teaching for reflection and application of clinical knowledge and skills learnt. Modules are taught by lecturers who have their own clinical practice alongside teaching, enhancing your practical learning experience and clinical skills. You will also benefit from a diverse mix of clinical disciplines attracted to this award, including podiatrists, physiotherapists, orthotists and chiropractors, allowing for a transfer of inter professional knowledge and discussion around various pathologies. Campus based learning enables you to utilise the onsite state of the art biomechanics laboratory equipment and staff expertise giving you a first class hands on approach to analysis of gait and human movement.

Key features

- Weekend study to mould around the working week.
- Lecturers with their own clinical background and practice.
- Multidisciplinary groups allowing for a shared knowledge base.
- Access to a substantially equipped Biomechanics Laboratory.
- Learning supported by a wide range of e-journals and e-books.
- Module content strongly supported by current research and clinical practice.



Critical Appraisal skills and Research Awareness

In depth critical review of current research practice allows for a thought provoking style of learning and enquiry. This module allows for current skills to be enhanced and built upon.

Research Methods and Methodologies

Studied prior to commencing dissertation this module delves into research design and project proposal equipping you with the skills to complete a research study.



// Completing the MSc has improved my ability and has given me confidence to be able to teach other students and Podiatry colleagues about biomechanics and even made me more confident at public speaking! It has also opened my eyes to clinical research with regards to reading and critiquing journal articles and has made me more passionate about my job. //

Sarah Podbery - MSc Clinical Biomechanics - 2013 Student

**For further information, contact
our Enquiries Team on:**

Tel: +44 (0) 1782 294400
Email: enquiries@staffs.ac.uk
Opening times:
8.45am - 5.00pm Monday - Thursday
8.45am - 4.30pm Friday

The information in this guide is correct at time of publication, but may be subject to change. For the latest information, visit our website or call us on 01782 294400.

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