Key Facts

Duration
MSc Part-time distance learning over three years, option to register for postgraduate certificate or postgraduate diploma (over one and two years respectively).

Entry Requirements
- Medical doctor with MBBC or equivalent
- BSc (Hons) graduate with an appropriate health care degree.

International students
- If your first language is not English you will need to provide evidence of proficiency - IELTS 7.0 band score or a score of TOEFL at 575 or above (232 computer based) with a TWE of 4.0 or above are proof of this.

How do I apply?
- Applications are made direct to the University
- You can download the application form from our website http://www.healthcare.salford.ac.uk/physiotherapy/mscomapply.php
- You will find it useful in the first instance to have an informal talk with the programme leader.

MSc/PgDip/PgCert
Trauma and Orthopaedics (Part-time)

A Masters course in orthopaedics, incorporating sports trauma with input from consultants in practice and access to surgical skills workshops.
MSc/PgDip/PgCert
Trauma and Orthopaedics (Part-time)

This part-time course is aimed at Medical Orthopaedic Trainees, GPs and Specialist Orthopaedic Therapists.

The course is particularly relevant to those taking on new responsibilities in orthopaedic assessment and patient management as a result of the modernisation agenda. The programme will enable you to:
- Use advanced clinical reasoning skills in the assessment and management of orthopaedic and sports trauma patients
- Explore current advances in orthopaedics and sports trauma and how this applies to your own practice
- Develop a critical approach to the evidence base.

This programme will give you access to expertise in clinical assessment, rehabilitation, spinal pathology and biomechanics as well as specialist surgical skills workshops. It has been produced in consultation with clinical specialists to ensure that it provides the appropriate content for orthopaedic trainees and advanced therapists to progress in the current climate.

Why study at the University of Salford?
Not only will you have input from our own, highly experienced staff, you will be taught by clinical experts who are in current practice. Among these are internationally-renowned Professors Leonard Funk, Philip Turner and David Sochat, as well as Consultant Spinal Surgeon Neil Oxborrow.

A number of eminent physiotherapists and rehabilitation experts support the programme including Kathleen Tattow, Michael Callaghan, Dave Fevre, Rachel Delaney and Janet Suckley.

Our senior Orthopaedic Consultant faculty includes highly respected and experienced surgeons such as Rowena Imnar, Michael Hayton, Matthew Ravenscroft, Sumeath Talwalkar, Mike Woodruff, Nick Philips, Muthu Jeyam, Gillian Eastwood, Mark Webb, Tim Clough, Max Fehily, Jon Board, Tim Board, Winston Kim, Sary Arvand, Andrew Pearse, Ram Mohan, Jim Barrie, Jay Mehta and Nasser Kurdy.

We are also proud to include sports physicians:
- Dr Mike Stone, Sports Physician to the England Cricket team
- Dr David Jones, Lead Sports Physician for the English Institute for Sport and Director of Medical Services for Sale Sharks
- Phil Batty, Sports Physiologist for Blackburn Rovers.

The programme is further supported by Consultant Radiologists Jonathan Harris, Waqar Bhatti and Patrick Wilson.

The University of Salford is home to a wide array of expertise in areas such as physiotherapy, sports science and rehabilitation and podiatry and subsequently the quality of life of individuals.

The support you need to succeed
You will be allocated a personal tutor who will be based at the University. Your personal tutor will provide support by helping you with a personal development plan.

You will also get additional support through our Virtual Learning Environment (VLE), Blackboard. It can be accessed by registered users from anywhere in the world through the internet and provides a range of possibilities, including:
- The delivery of course materials, such as handbooks, lecture handouts, slides and web links which can be easily accessed both on and off campus
- Discussion boards that allow discussion between staff, students and others
- Online exchanges between staff, students and others who can be logged into a virtual classroom.

Assessment
The course allows for a variety of assessments, depending on the module you will be undertaking and can include:
- Written assignments
- OSCIE
- Case presentations/study
- Literature review.

Content

Depending on where you exit from the programme, you can achieve a PgCert, PgDip or full Masters.

All our modules can also be taken as stand-alone courses in their own right.

PgCert (60 credits):
- Lower Limb Orthopaedic Knowledge and Skills (30 credits): The advanced assessment and differential diagnosis of lower limb disorders including diagnostic investigations, developmental disorders and trauma management.
- Upper Limb Orthopaedic Knowledge and Skills (30 credits): The advanced assessment and differential diagnosis of upper limb disorders including pre-operative, intra-operative and post-operative surgery management and rehabilitation strategies for the upper limb.

PgDip (120 Credits), As above, plus:
- Spinal Orthopaedics (30 credits): The management of complex orthopaedic spinal pathology including the anatomy and biomechanics of the spine, the ageing spine and malignant disease in the spine.

Masters (180 credits), As above, plus:
- Dissertation (60 credits): The dissertation module gives you the opportunity to undertake an in-depth, evidence based exploration of a key area relevant to your own practice and is needed to graduate with a full Masters.

Biomechanics Research
Our research into Fundamental and Clinical Biomechanics is recognised as world class. Current activity includes experimental and computational approaches to better understand how the neuromuscular skeletal system functions and how it is affected by disease, ageing and injury to joints and tissues.

Applied research includes clinical biomechanical studies of gait and movement disorders, research into sports, exercise and performance training and studies of physical therapy or assistive device approaches to improving function and consequently the quality of life of individuals.

"The study of spinal pathology allows tremendous scope for developing skills in evidence based practice and research."

Mr Neil Oxborrow, Consultant Spinal Surgeon