

Orthopaedics Master of Surgery (MCh)

Masters course is ideal for surgeons who wish to develop their expertise at postgraduate level. It's designed to fit flexibly around your career commitments through blended learning.

On successful completion of this programme, you will be awarded a Master of Surgery which entitles you to use MCh after your name. MCh is an abbreviation of Magister Chirurgiae, the Latin for Master of Surgery. Master of Surgery, rather than MCh, will appear on your certificate.

MCh Orthopaedics is a theoretical course which gives you the opportunity to build up the knowledge and theory necessary to underpin your practical skills in orthopaedics. It doesn't include hands-on clinical work as you'll already be working in orthopaedics. It will, however, provide you with the in-depth theoretical knowledge to support your clinical practice.

There's a strong emphasis on the rationale behind patient management and you'll hone your knowledge in order to improve service delivery and effect change in your workplace. Our blended learning approach allows you to complete this qualification as you continue to work.

Our course is designed by practising consultant surgeons, ensuring all elements are highly relevant for your career and clinical practice development. You'll benefit from both face-to-face and distance learning modules. Our Virtual Learning Environment (VLE) allows you to study effectively from anywhere with an internet connection.

Modules and assessment

Year one, core modules

Applied Clinical Sciences and Patient Management in Orthopaedics (60 credits)

Develop your understanding of the basic anatomy, biomechanics, basic sciences and pathology of regional and spinal orthopaedic conditions. This knowledge will aid the development of clinical decision making to ensure effective diagnosis and the development of appropriate management pathways when dealing with patients in a clinical setting. Management of orthopaedic conditions may involve non-surgical and surgical options, and hence an understanding of the pathogenesis and progression of pathology is essential for patient management. The application of clinical examination, surgical exposures and management and prevention of complications are explored, together with an understanding of biomaterials, prosthetics and orthotics in management of orthopaedic conditions. There will be strong emphasis on research and evidence based practice. This module will enable you to enhance and master the knowledge and skills to deliver safe high quality care. Simulation teaching is a strong feature of the delivery of this module.

Research Studies

Designed to provide you with a critical overview of the main methodologies and designs applied to research within health and social care, professional practice, regulation and policy. It provides you with an opportunity to explore the theoretical dilemmas that underlie the process of inquiry and its relationship to practice. The module will provide a framework within which to select, evaluate and justify the research methods chosen for your research project.

Year two, core modules

Clinical Leadership and Service Development (30 credits)

Clinical governance provides a framework through which healthcare organisations are accountable for continuously improving the quality of their services and safeguarding high standards of care by creating an environment in which excellence in clinical care will flourish. Several strategies in achieving continuous quality improvement include effective clinical leadership, development of staff, implementation of evidence based practice and engaging in effective audit and

evaluation of services against a backdrop of best practice to identify service development needs. Central to this is accountability and risk management. Doctors/surgeons are in a unique position with which to lead and develop care. The role of clinical audit is pivotal in providing supporting evidence for service development. Allied to this is the need for robust knowledge of leadership theory and the management of change, together with ethical and legal principles. The role of the team will be identified with the importance of clinical competence as a key component in the continuing professional development of the doctors/surgeons and the staff that they lead. Assessment will be a service development plan from your own area of practice.

Major Project (60 credits)

Students progressing to Masters award will undertake a substantial piece of research in the area of their own practice. Graduates of our Masters pathways have already produced some excellent pieces of research some of which have been published. You'll be expected to bring together aspects of learning from previous modules as well as using the learning as the basis for planning, conducting and writing a research or work based project. You'll work with your course leader and supervisor in deciding a suitable topic area for your major project. The module will be delivered via distance learning.

Entry Requirements

- A recognised primary medical degree that has been approved by the General Medical Council which has been awarded by an institution listed on the Avicenna Directory for Medicine. To be included on the Avicenna directory, an institution must have a physical address in the country awarding the qualification. In addition candidates must have two years of clinical experience after 'undergraduate medical qualification' and currently be working in an orthopaedic setting. Applicants whose first language is not English and whose professional qualification was not taught and assessed in English will be required to demonstrate the University standard of English

language (IELTS) at Level 6.5 (including written English academic test) prior to commencement on a course.

Course fees

UK & EU students, 2016/17 (per year part time)

£6,450

International Students

£6,450

UK & EU students, 2017/18 (per year part time)

£6,450

International Students

£6,450