For Further Information

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MASTER OF RESEARCH (On-Line)

MRes in Medical Technology

University of Strathclyde Glasgow

MRes in Medical Technology

Introduction

The Master of Research (MRes) in Medical Technology is a new, one-year, on-line degree providing those involved in the medical technology sector, full training in research in this very important area.

The degree course will equip students with the basic knowledge and training in medical technology research, and will enable them to apply this knowledge in their own research project. The research project is undertaken in the workplace with full supervision from Strathclyde University staff, supported by local supervisors.

It is envisaged that this course will appeal to clinicians, scientists and engineers involved in the application, design and manufacture of medical technology, these include; medical doctors, surgeons, nurses, other professionals allied to medicine, life scientists, design and product engineers.

Duration of Course

The Master of Research (MRes) course is a one-year on-line course of study that consists of a combination of compulsory classes, elective classes and an individual research project and report.

Course Delivery

The course material consists of compulsory and elective teaching modules that are delivered on-line with full backup and support from University of Strathclyde tutorial staff. In the absence of a medical science background, students will be required to complete a compulsory Elements of Medical Science module. For those with an appropriate medical science background, this will be substituted with the Case Studies in Medical Technology. All students will complete the Research Methodology in Healthcare module as a compulsory element of the course.

In addition to the compulsory modules, the students will have a choice of elective modules (2 to be completed) from a list of options covering a range of medical technology themes. Currently these include –

Orthopaedic and Cardiovascular Device Technology
Biomaterials and their Applications
Artificial Organ Technologies
Diagnostic Instrumentation

The research project, which is an important integral part of the course, is undertaken in the workplace with the support of Strathclyde University and local supervisors. Performance in the modular taught elements of the course and the project will be subject to examination, and successful completion of the course will depend upon satisfactory performance in all elements. Examinations of the instructional modules, will be undertaken at the University of Strathclyde by all students.