THE UNIVERSITY *of* EDINBURGH
COLLEGE OF MEDICINE AND VETERINARY MEDICINE

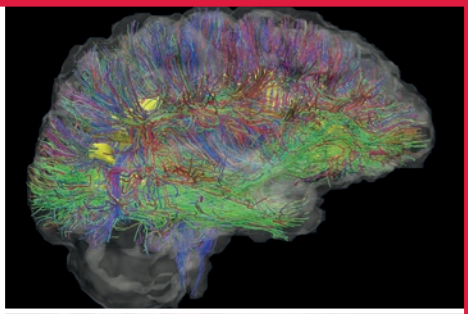
MSc/Dip/Cert Imaging

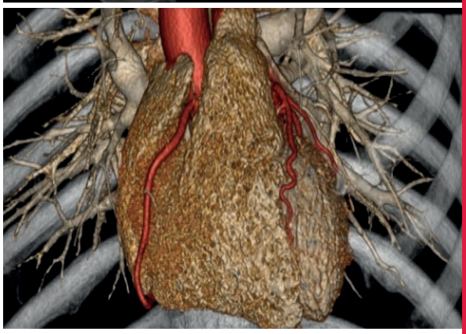
MSc/Dip/Cert Neuroimaging for Research

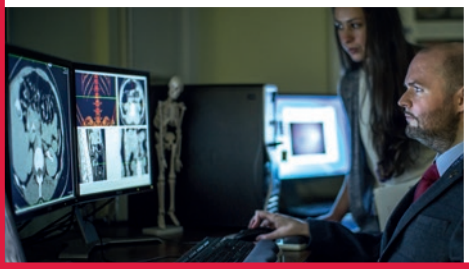
Study by online distance learning

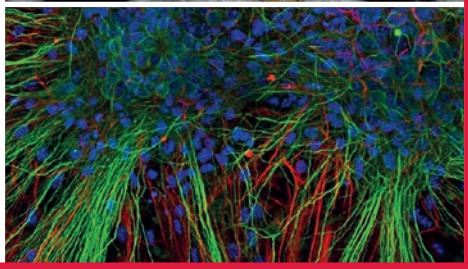
Our online courses include:

- Theoretical PET-MR
- Applied Medical Image Analysis
- Imaging Techniques & Physics
- Cardiovascular Imaging
- Preclinical Imaging
- Light Microscopy
- Image Analysis & Processing









www.ed.ac.uk/edinburgh-imaging/academy

Edinburgh Imaging Academy – A Centre of Excellence in Imaging

The University of Edinburgh is consistently ranked as one of the top Universities in the world, with world-class imaging facilities attracting experts in the fields of medical and veterinary research. By offering our programmes and short courses via online distance learning, students from across the globe can benefit by being taught by our leading academics who are experts in their chosen fields.

Studying online

All courses are entirely online, so there is no need to travel to Edinburgh. You can study at a location that suits you, at a time that fits around your family and work commitments.

Programme Structure

Applicants are welcome to study either at Certificate, Diploma or Masters level. For those wishing to complete the MSc, they can do this through part time study, either within 3 years or take advantage of our flexible structure and take up to 6 years. We also offer university credit-bearing online short courses for Postgraduate Professional Development (PgProfDev - PPD), which allows applicants to study one or two of our courses without committing to the full Certificate, Diploma or Masters programme.

Please enquire by emailing Imaging.Academy@ed.ac.uk

For further details of courses available, and their content please visit: www.ed.ac.uk/edinburgh-imaging/academy

Neuroimaging for Research MSc/Dip/Cert

This online programme and related online short courses are delivered through the Edinburgh Imaging Academy and are ideal for those:

- wishing to develop an understanding of neuroimaging
- wishing to develop study skills in order to design, set up and analyse experimental projects
- wishing to expand their existing knowledge of neuroimaging techniques
- wishing to expand their image analysis knowledge

Previous students have backgrounds as radiologists, radiographers, neuroscientists, psychologists, physicists, general practitioners, image analysts and veterinary surgeons.

To apply for Neuroimaging for Research MSc/Dip/Cert/PPD – visit www.neuroimagingmsc.ed.ac.uk
Details of programme courses': www.ed.ac.uk/pg/234

Student Testimonial

"The courses are really well designed and highly enjoyable. The tutorials and references are very good and the easy access to the library is great."

MSc Neuroimaging student

Imaging MSc/Dip/Cert

This online programme and related online short courses are delivered through the Edinburgh Imaging Academy, and are ideal for those:

- wishing to expand their existing knowledge of imaging techniques
- wishing to develop an understanding of medical imaging modalities
- who have a manufacturer's knowledge and wish to understand more from the radiologist's point of view
- who have a medical background who wish to develop their image processing & image analysis knowledge
- who have a science background who wish to have a greater understanding of translational imaging and clinical trials.

Previous students have worked within clinical medicine, biomedical science, chemistry, physics, engineering, image analysis, pharmacology, preclinical research, animal based research and information technology.

To apply for Imaging MSc/Dip/Cert/PPD – visit www.imagingmsc.ed.ac.uk
Details of programme courses': www.ed.ac.uk/pg/815

Student Testimonial

"Excellent programme, which filled the gaps around my imaging knowledge, which had been there after graduating from medical school."

MSc Imaging student

Theoretical PET-MR Certificate*

This online certificate is delivered part time by the Edinburgh Imaging Academy, and aims:

- to provide an understanding of PET-MR imaging theory, techniques, analysis & applications
- to develop research planning & designing skills, incorporating PET-MR imaging
- to enable interpretation & analysis of relevant PET-MR imaging data
- to relate PET-MR imaging research to clinical applications

This certificate would suit radiographers, researchers & clinicians who are looking to communicate the principles & applications of PET-MR imaging.

Whilst most students will complete the certificate within a year, the flexible system allows 24 months for completion.

Applied Medical Image Analysis Certificate*

Medical image analysis & processing is critical to current medical research & clinical practice. This online certificate will offer students the chance to study imaging physics & techniques and image analysis & processing which will include gaining skills in the use of MATLAB.

To apply for either of these online certificates please email Imaging.Academy@ed.ac.uk

* Subject to final approval for 2018/19.

Online Short Courses

The Edinburgh Imaging Academy offers online short courses, either supervised or unsupervised modes of study.
Our courses include:

- Anatomical imaging package
- Cardiovascular Imaging
- Medical image analysis & processing package
- Techniques and Physics
- Further information: www.ed.ac.uk/edinburgh-imaging/short-courses

IOFB Review course

We also offer the online IOFB Review course, aimed at MR trained radiographers, who wish to establish a programme & protocols for radiographer review of orbital radiographs for metallic intra-orbital foreign bodies (IOFB).

Further information: www.ed.ac.uk/edinburgh-imaging/iofb-review

Contact us:

You can follow us on social media:
Facebook: www.facebook.com/EdinburghImagingAcademy
Twitter: @EdinUniNeuroimg

Enquiries for our Masters, Diploma, Certificate, and short course packages – please email Imaging.Academy@ed.ac.uk

Edinburgh Imaging Facilities

Edinburgh Imaging's world class clinicians and scientists, collaborate with others to enhance the quality of life for patients and create solutions to disease; through our medical imaging research, our NHS clinical service and our online education programmes.

Our three main medical imaging facilities are all hospital embedded, so can support acute research. They house:

- **MR:** Magnetom Prisma 3T MRI (neuro optimised)
- **MR:** Magnetom Verio 3T MRI
- **MR:** GE 1.5T MRI (neuro optimised)
- **PET-MR:** Biograph mMR
- **PET-CT:** Biograph mCT 128 slice
- **CYCLOTRON:** GE PETtrace 8
- **RADIOCHEMISTRY SUITE** (MHRA accredited)
- **RETINAL IMAGING** systems
- **IMAGE ANALYSIS** laboratory
- **DATA MANAGEMENT** software team
- **TRIALS IMAGE MANAGEMENT** service

For those wishing to enquire about our services further, please contact
Dr Duncan Martin, Business Manager
email: Edinburgh.imaging@ed.ac.uk

For further information on Edinburgh Imaging, please visit
www.ed.ac.uk/edinburgh-imaging
Twitter: @EdinUniImaging

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