

Duration: 12 months full-time (MSc); 9 months full-time (PgDip); 4 months (PgCert).

Content: The programme of taught courses will comprise lectures, tutorials, practical classes and small group demonstrations. The topics covered include: Computing, Electronics, Radiation physics, Radiodiagnosis, Nuclear medicine, Radiation protection, Nuclear magnetic resonance, Ultrasound, Physiology and Cell biochemistry, Safety.

Candidates shall be required to attend the following designated programme of courses:

Stage 1

BP5512 Biomedical and Professional Topics in Healthcare Science (15 credit points)
BP5513 Imaging in Medicine (15 credit points)
BP5510 Introduction to Computer and Image Processing (15 credit points)
BP5511 Radiation in Medical Imaging (15 credit points)

Stage 2

Core courses

MP5901 Comparative Imaging (15 credit points)
BP5905 Medical Image Processing & Analysis (15 credit points)

Plus two Electives Chosen From

BP5902 Nuclear Medicine & PET (15 credit points)
BP5903 Magnetic Resonance Imaging (15 credit points)
BP5906 Diagnostic Radiology & Radiation Protection (15 credit points)

Stage 3

BP5016 MSc Project (60 credit points)

Assessment: By written examinations and by coursework, which comprises practical work, written essays and oral presentations, or a combination of these, as prescribed for each course. All students progressing in the MSc stream take a project and submit a thesis on their project work. Topics of projects are linked to the programme being followed by the student. Assessment is by evaluation of the thesis, by a Student Presentation or Poster.