

*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

- PD5506 Getting Started at the University of Aberdeen (0 credit points)
- 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.