

Duration: 12 months full-time or 24-36 months part-time (MSc); 9 months full-time (PgDip); 4 months full-time (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

PD5006 Getting Started at the University of Aberdeen (0 credit points)
BP5017 Biomedical Safety Topics in Healthcare (15 credit points)
BP5019 Imaging in Medicine – Ionising (15 credit points)
BP5025 Core Biomedical Physics Skills (30 credit points)

Stage 2

Core courses

BP5516 Computing and Information Technology in Medicine (15 credit points)
BP5518 Comparative Imaging (15 credit points)
BP5522 Project Part 1 – Medical Imaging (September Start) (30 credit points)

Stage 3

BP5908 Imaging in Medicine – Non-Ionising (15 credit points)
BP5909 Medical Image Processing and Analysis (15 credit points)
BP5922 Project Part 2 – Medical Imaging (September Start) (30 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.