**MEDICAL IMAGING (MSc/PgDip) January Start** **57B80JCD**

*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)
BP5516 Computing and Information Technology in Medicine (15 credit points)
BP5518 Comparative Imagining (15 credit points)
BP5525 Core Biomedical Physics Skills (30 credit points)

Stage 2

BP5908 Imaging in Medicine – Non-Ionising (15 credit points)
BP5909 Medical Image Processing and Analysis (15 credit points)
BP5923 Project Part 1 – Medical Imaging (January Start) (30 credit points)

Stage 3

BP5017 Biomedical Safety Topics in Healthcare (15 credit points)
BP5019 Imaging in Medicine – Ionising (15 credit points)
BP5023 Project Part 2 – Medical Imaging (January 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.