PLANETARY SCIENCES (SEPTEMBER START) (MSc/PgDip/PgCert)

57F52SB1/61F52SVX/61F52SVZ

Duration: 12 months full-time or normally 24 months part-time (MSc)

Content: Candidates shall be required to attend the following designated courses:

FULL-TIME ROUTE

Stage 1 (1st Semester)

PD5006 Getting Started at the University of Aberdeen (0 credit points)
GL5062 Comparative Planetology and the Atmosphere of Earth (15 credit points)
GL5063 Basics of Remote Sensing and Geospatial Analysis (15 credit points)
GL5064 Spectroscopy, Radiative Transfer and Retrieval (15 credit points)
GL5065 Instrumentation, Design and Data for Planetary Exploration (15 credit points)

Stage 2 (2nd Semester)

GL5561 Earth and Planetary Surface and Internal Processes (15 credit points)
GL5562 Space Weather and Radiation (15 credit points)
GL5563 Astrobiology, Biogeochemistry and Geobiology for Explorers (15 credit points)
GL5564 Sustainable Deep Space Exploration and Planetary Protection (15 credit points)

Stage 3 (2nd Semester)

GL5966 Planetary Sciences Dissertation (60 credit points)

PART-TIME ROUTE

Year 1

1st Semester

PD5006 Getting Started at the University of Aberdeen (0 credit points)

Plus two courses from:

GL5062 Comparative Planetology and the Atmosphere of Earth (15 credit points)
GL5063 Basics of Remote Sensing and Geospatial Analysis (15 credit points)
GL5064 Spectroscopy, Radiative Transfer and Retrieval (15 credit points)
GL5065 Instrumentation, Design and Data for Planetary Exploration (15 credit points)

2nd Semester

Plus two courses from:

GL5561 Earth and Planetary Surface and Internal Processes (15 credit points)
GL5562 Space Weather and Radiation (15 credit points)
GL5563 Astrobiology, Biogeochemistry and Geobiology for Explorers (15 credit points)
GL5564 Sustainable Deep Space Exploration and Planetary Protection (15 credit points)

Year 2

1st Semester

The remaining two courses from:

GL5062 Comparative Planetology and the Atmosphere of Earth (15 credit points)
GL5063 Basics of Remote Sensing and Geospatial Analysis (15 credit points)
GL5064 Spectroscopy, Radiative Transfer and Retrieval (15 credit points)
GL5065 Instrumentation, Design and Data for Planetary Exploration (15 credit points)

2nd Semester

The remaining two courses from:

GL5561 Earth and Planetary Surface and Internal Processes (15 credit points)
GL5562 Space Weather and Radiation (15 credit points)
GL5563 Astrobiology, Biogeochemistry and Geobiology for Explorers (15 credit points)
GL5564 Sustainable Deep Space Exploration and Planetary Protection (15 credit points)

Plus

GL5966 Planetary Sciences Dissertation (60 credit points)

Assessment: By coursework, by written examination, or by a combination of these, as prescribed for each course. Please see individual course entries in the *Postgraduate Catalogue of Courses*, or departmental documentation, for further details. The degree of MSc shall not be awarded to a candidate who fails to complete the dissertation at CGS Grade of D3 or above, irrespective of their performance in other courses.