

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

57F52JB1/61F52SVX/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

Year 1 (Semester starting in January)

PD5506 Getting Started at the University of Aberdeen (0 credit points)
GL5561 Earth and Planetary Surface and Internal Processes (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 two elective courses from:

GL5561 Earth and Planetary Surface and Internal Processes (15 credit points)
GL5562 Space Weather and Radiation (15 credit points)
GL5589 Planetary Geomorphology (15 credit points)

Stage 2

Year 2 (Semester starting in September)

GL5062 Comparative Planetology and the Atmosphere of Earth (15 credit points)
GL5065 Instrumentation, Design and Data for Planetary Exploration (15 credit points)

Plus two elective courses from:

GL5063 Basics of Remote Sensing and Geospatial Analysis (15 credit points)
GL5064 Spectroscopy, Radiative Transfer and Retrieval (15 credit points)
GL5087 Fundamentals of Planetary Remote Sensing and GIS (15 credit points)

Stage 3

GL5966 Planetary Sciences Dissertation (60 credit points)

PART-TIME ROUTE

Year 1 (Semester starting in January)

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

Plus one of:

GL5563 Astrobiology, Biogeochemistry and Geobiology for Explorers (15 credit points)
GL5564 Sustainable Deep Space Exploration and Planetary Protection (15 credit points)

Plus one elective course from:

GL5561 Earth and Planetary Surface and Internal Processes (15 credit points)
GL5562 Space Weather and Radiation (15 credit points)
GL5589 Planetary Geomorphology (15 credit points)

Year 2

1st Semester (Semester starting in September)

One of:

GL5062 Comparative Planetology and the Atmosphere of Earth (15 credit points)
GL5065 Instrumentation, Design and Data for Planetary Exploration (15 credit points)

Plus one elective course from:

- GL5063 Basics of Remote Sensing and Geospatial Analysis (15 credit points)
- GL5064 Spectroscopy, Radiative Transfer and Retrieval (15 credit points)
- GL5087 Fundamentals of Planetary Remote Sensing and GIS (15 credit points)

2nd Semester (Semester starting in January)

The remaining course from:

- GL5563 Astrobiology, Biogeochemistry and Geobiology for Explorers (15 credit points)
- GL5564 Sustainable Deep Space Exploration and Planetary Protection (15 credit points)

Plus one elective course from:

- GL5561 Earth and Planetary Surface and Internal Processes (15 credit points)
- GL5562 Space Weather and Radiation (15 credit points)
- GL5589 Planetary Geomorphology (15 credit points)

Year 3 (Semester starting in September)

The remaining course from:

- GL5062 Comparative Planetology and the Atmosphere of Earth (15 credit points)
- GL5065 Instrumentation, Design and Data for Planetary Exploration (15 credit points)

Plus one elective course from:

- GL5063 Basics of Remote Sensing and Geospatial Analysis (15 credit points)
- GL5064 Spectroscopy, Radiative Transfer and Retrieval (15 credit points)
- GL5087 Fundamentals of Planetary Remote Sensing and GIS (15 credit points)

- GL5566 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.