Astronomy and Planetary Science (OU Certificate)

Open University in Scotland

Content

This certificate covers fundamental astronomy and planetary science. You'll study the Solar System, stars, galaxies, exoplanets and the search for life in the Universe. Learn how astronomers 'measure' the Universe – considering spectroscopy imaging and time-variability as observational tools. You'll study stars' and galaxies' birth, evolution, and rebirth through energetic processes and learn about their constituents. Learn about the formation and development of the Solar System and other planetary systems. Consider how life arose on Earth and whether life has arisen beyond Earth. You'll look at planetary processes such as volcanism and impacts in the Solar System; the structure of planets and their atmospheres; and asteroids, comets and meteorites.

Start Date

October

Qualification

Other

Study Method

Online learning

Course Length

Flexible

Faculty

General

Department

Science

Entry Requirements

There are no formal entry requirements for this qualification; however, as it begins at OU level 2, it's essential you have adequate study skills, such as those gained from OU level 1 study or equivalent. Studying physics and maths at A-level and/or Physics and space (SM123) would significantly improve your readiness.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

As well as an understanding of astronomy and planetary science, this certificate will develop skills in scientific literacy and numeracy, locating and interpreting scientific data, and using a computer to find and communicate information. It also provides a sound foundation for progressing to an honours degree in a relevant area.

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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