Chemistry with Sustainability

Forth Valley College

Venues

Falkirk Campus

Content

This course is an Environmental Chemistry based HND group award that is intended for students looking to find employment in the Sustainability, Environmental, Life Sciences or Chemical Science industries or to progress to further study at degree level.

Year One is designed to build a solid foundation of scientific knowledge and understanding in the areas of Chemistry & Applied Biology.

In Year Two, there is a stronger focus on sustainability and environmental science. This course follows the group award structure of the HND Applied Chemical Science.
The course provides students with knowledge and skills related to all areas of chemistry along with some biology-based units to support chemistry/biology links. Students will develop a wide range of practical laboratory skills in addition to gaining a strong underpinning theoretical knowledge.

Year 1:
Graded Unit 1 Project; Environmental Awareness, Biochemistry, Biotechnology; Laboratory Skills; Fundamental Chemistry, Organic, and Inorganic Chemistry; Mathematics & Statistics for Science.

Year 2:
Graded Unit 2 Project; Environmental Chemistry; Environmental Sampling and Analysis; Ecology & Ecosystems; Quality Health and Safety; Aromatic, Base Catalysed & Organometallic, Transition, Main Group, Phase Equilibrium & Surface Chemistry; Instrumental Techniques.

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

2 years

Department

Science

Entry Requirements

2 Highers including Biology or Chemistry; or Foundation Apprenticeship Scientific Technologies plus 1 Higher; or NC Applied Science (Level 6); or other relevant national qualifications at SCQF Level 6.

SCQF Level

8

SCQF Points

«SCQFPoints»

Progression Routes

Year 3 of a relevant degree programme through the college's articulation links.

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Falkirk
FK2 9AD

Website

www.forthvalley.ac.uk