

What is the course about?

This Diploma offers students the opportunities within health science, food science and environmental science to develop professional and practical skills through carrying out real experiments and research, as well as theoretical knowledge and understanding to underpin these skills. They will practice lab techniques and also gain an understanding of the different types of scientific industries and settings.

Course content

This Diploma offers topics such as:

- Science fundamentals and laboratory techniques
- Cell biology
- Genetics
- Laboratory hazards
- Nutrition and microbiology
- Food technology
- Environmental management and conservation of biodiversity
- Waste management and sustainability

Assessment

Science Fundamentals and Laboratory Techniques are externally assessed through exams. The remainder of the diploma is internally assessed assignments.

Career pathways

Study science-related degree courses at higher education. The course carries up to a maximum of 168 UCAS Tariff points.

Employment opportunities: scientist, medical technician, paramedic, nurse, food technologist, nutritionist, conservation biologist, environmental management specialist or forensic scientist.

Entry criteria

Minimum of five 4 to 9 grades at GCSE, including grade 5 in GCSE Combined Science.