Forensic Science and Biotechnology (Level 6)

North East Scotland College

Venues

Aberdeen City Campus

Content

Forensic science is a crucial part of crime scene investigation, using scientific techniques to analyse and piece together the evidence to be presented during a court case and help solve the crime.

Biotechnology explores how some of these techniques, and others, can be used to harness biological processes for use in industry. This includes interesting topics like vaccine production, DNA analysis and genetic engineering.

The SCQF Level 6 Forensic Science & Biotechnology course offers both theoretical and hands-on, practical learning across a diverse range of interesting topics. It is similar to our SCQF Level 6 Applied Science but has some exciting differences.

During this course, you'll learn about and try out forensic techniques such as blood typing, blood spatter examination, fingerprinting, gunshot residue testing and DNA analysis.

You'll cover state-of-the-art techniques including cloning, stem cell technology and using bioreactors. You will also get hands-on with biotechnological techniques such as growing bacteria or yeast in the lab and investigating the activity of enzymes and how they can be used in industry to make everyday products.

Start Date

August

Qualification

Other

Study Method

Full time

Course Length

1 year

Department

Science

Entry Requirements

Maths and two science subjects at National 5; or Science Foundations (Level 5)

SCQF Level

6

SCQF Points

«SCQFPoints»

Progression Routes

Relevant HNC

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

Gallowgate Centre
Gallowgate
Aberdeen
Aberdeen City
AB25 1BN

Website

www.nescol.ac.uk