

DO YOUR *Degree* DIFFERENTLY

with a Partnership Degree
at Forth Valley College



Degrees

Forth Valley College offers a range of degree courses in partnership with three of Scotland's leading universities. This approach to learning meets the needs of future employers by creating 'work ready' graduates.

Do your degree differently!

With a partnership degree, students will spend between one and two years at Forth Valley College, depending on the course.

Upon successful completion of these initial years, students progress to the campus of their partner university. Students enrol at the College and the partner university, and can therefore access the resources and facilities of both institutions.



Benefits of studying your degree this way:

- Study locally, reducing living and travel costs
- Smaller class sizes with more one-to-one time with lecturers
- Focus on practical lab and technical skills
- An opportunity to build confidence before going to university environment
- Develop the skills to become industry ready
- Full university status from day one
- Integrated programme of employer and industry involvement
- The programmes are supported by key industry partners including Historic Environment Scotland, Visit Scotland and Diageo

Degrees on offer:

UNIVERSITY of STIRLING



- BA Art & Design
- BSc (Hons) Applied Biological Sciences
- BSc (Hons) Software Development with Cyber Security
- BA (Hons) Digital Media
- BA (Hons) Heritage and Tourism
- BA (Hons) Professional Education (Secondary) with Chemistry (Teaching)
- BA (Hons) Professional Education (Secondary) with Physics (Teaching)



University of Strathclyde

- BEng (Hons) Chemical Engineering

HERIOT WATT UNIVERSITY

- BEng (Hons) / MEng Chemical Engineering
- BEng (Hons) / MEng Electrical Engineering
- BEng (Hons) / MEng Mechanical Engineering
- BSc (Hons) Brewing and Distilling

‘These degree programmes deliver the benefits of both a college and university experience, providing a high level of support and smaller class sizes while enabling students to access the full university services and facilities. The degrees have been specifically designed, in conjunction with employers, to provide students with work-relevant skills with an emphasis on practical and vocational hands-on experience.’

Lisa Baxter, University Partnerships Officer

BA ART & DESIGN

VALIDATED BY THE UNIVERSITY OF STIRLING

Duration – 3 years

Location – Stirling Campus

Apply via www.forthvalley.ac.uk

Course Overview

Unique to FVC this new general first-year entry degree programme is ideal for those who would like to try a range of art and design activities before defining their specialism.

The vast majority of degree programmes now require you to study either Art or Design, there are no such barriers within this interdisciplinary programme. In year 1 you will have the opportunity to work across a broad range of specialisms. You will carry out a variety of art and design based projects, deciding on a specialism by Easter, supported by feedback and advice from staff. Your practical project work will support a growing critical and contextual understanding of art and design theory.

The programme is ideal for school leavers, students progressing from Portfolio courses, and adults returning to education.

Year 1 Entry Requirements

Applicants will be required to submit a digital folio of recent artwork and attend an interview.

Plus one of the following:

- Three Highers at grade C or above to include Art & Design and English.
- Foundation Apprenticeship in Creative and Digital Media plus Higher Art and Higher English at grade C or above
- Successful completion of an NC Art & Design or an appropriate group of National Qualification units such as Art and Design Portfolio Preparation

UNIVERSITY of
STIRLING



BA ART & DESIGN - YEAR 3

VALIDATED BY THE UNIVERSITY OF STIRLING

Duration – 1 year

Location – Stirling Campus

Apply via www.forthvalley.ac.uk

Course Overview

The well-established and highly successful BA Art and Design course at Forth Valley College is a challenging, creative and exciting programme which encourages students to develop their creative practice while embracing a wider understanding of the theories and context of the wider arts world.

Students will be expected to advance skills and specialisms established at HND level, before finally showcasing their work at the end-of-year exhibition.

Year 3 Entry Requirements

Applicants will be required to submit a digital folio of recent artwork and attend an interview.

Plus:

- Full completion of an appropriate HND, including A or B Graded Unit results. Appropriate HNDs include: Art and Design, Contemporary Art Practice, Visual Communication/Graphic Design, and Photography.

Please note that entry to this course is always subject to interview and producing a suitable portfolio of artwork.

UNIVERSITY of
STIRLING



BSc (Hons) APPLIED BIOLOGICAL SCIENCES

Duration – 4 years

(Years 1 & 2 at Forth Valley College, Falkirk, Years 3 & 4 at the University of Stirling)

Location – Falkirk Campus and University of Stirling

Apply via UCAS at www.ucas.com (code - 8C93)

Course Overview

The BSc (Hons) Applied Biological Sciences degree offers interdisciplinary training in contemporary biological sciences, including animal and plant biology and biotechnology. There is a strong focus on the cellular and molecular aspects of biological science and the development of practical skills.

It will particularly appeal to those with a desire to pursue a career in the bioscience industries, within healthcare and biotechnology.

The degree is taught jointly at Forth Valley College (Falkirk Campus) and the University of Stirling and also receives input from employers across the Scottish life sciences community. The result is a programme which delivers highly skilled and work ready graduates.

Students who choose University accommodation at Stirling should be aware that they will be required to travel from Stirling to Falkirk for the first two years of their studies and should budget for travel costs accordingly.



'We are Forth Valley College students and University of Stirling students and it is possible to become part of both communities. I personally am part of some university societies and I regularly use the university library to study and borrow books.'

Zuzana Palečková, BSc (Hons) Applied Biological Sciences

Career Paths

Research Scientist

Scientific Technologist

Microbiologist

Biomedical Scientist

Biotechnologist

Protein Scientist

Molecular Biologist

Entry Requirements

One of the following:

- Three Highers at grade B or equivalent (to include either Biology or Chemistry)

- Foundation Apprenticeship in Scientific Technologies plus two further Highers at B or equivalent to include either Biology or Chemistry
- Applicants with a different qualification or grade profile are still welcome to apply, as all applications are considered on their own merits

Additional Requirements:

- Preference will be given to applicants with a strong science background

Questions?

degrees@forthvalley.ac.uk

**UNIVERSITY of
STIRLING**



BA (Hons) DIGITAL MEDIA

Duration – 4 years

(Years 1 & 2 at Forth Valley College (Stirling), Years 3 & 4 at the University of Stirling)

Location – Stirling Campus and University of Stirling

Apply via UCAS at www.ucas.com (code - W2N9)

Course Overview

This multimedia course is designed to support students who wish to pursue a career in the vibrant, fast paced media industry.

Students will develop skills across a range of media specialisms including television, film, radio, print and online. They will explore the tools, applications and industry practice of the digital environment, creating content and sharing it across a range of platforms through FVC's multimedia digital platform Connect Forth. With a strong focus on practical skills the course will also develop an in-depth understanding of ethical and legal considerations of working within the media industry.

The programme combines the technical and theoretical media skills and industry insights of Forth Valley College with the advanced academic training and up-to-date digital expertise of the University of Stirling.



‘One of the things I really enjoy about being here is that staff are always seeking new opportunities outside the College that could help students improve their skills and obtain industry based experience.’

Enija Zelmene, BA (Hons) Digital Media

Career Paths

Film

Media

Journalism

Public Relations

Marketing

Radio

Television

Publishing

Advertising

Market Research

Community Media

New Media

Freelance Media

Entry Requirements

One of the following:

- Three Highers at grade B or equivalent (to include English)
- Foundation Apprenticeship in Creative and Digital Media plus two further Highers at B or equivalent, one of which must include English
- Applicants with a different qualification or grade profile are still welcome to apply, as all applications are considered on their own merits

Questions?

degrees@forthvalley.ac.uk

**UNIVERSITY of
STIRLING**



BA (Hons) HERITAGE AND TOURISM

Duration – 4 years

(Years 1 & 2 at Forth Valley College (Stirling), Years 3 & 4 at the University of Stirling)

Location – Stirling Campus and University of Stirling

Apply via UCAS at www.ucas.com (code - 8V74)

Course Overview

This degree will provide graduates with a broad range of skills in relation to the management, promotion and conservation of historic and natural environments, both in Scotland and internationally.

It has been developed in partnership with government and industry, and graduates will be well equipped to contribute to the ongoing success of Scotland's heritage and tourism sectors.

The degree is delivered jointly between Forth Valley College (Stirling Campus) and the University of Stirling, and combines both business and heritage specific skills.

It can be used as preparation for, or as an enhancement to, a career in the areas of heritage and tourism.



'I like the transition aspect of the course. Going straight to university would have been a big step for me, going to the College first gives you a chance to get used to the workload and prepare you for university.'

Glen Kelly, BA (Hons) Heritage and Tourism

Career Paths

Visitor Attraction
Management

Heritage and Tourism
Management/Education

Tourism Development

Exhibition Design and
Management

Entry Requirements

One of the following:

- Three Highers at grade B or equivalent
- Foundation Apprenticeship in any related subject plus two further Highers at B or equivalent
- Applicants with a different qualification or grade profile are still welcome to apply, as all applications are considered on their own merits.

Questions?

degrees@forthvalley.ac.uk

UNIVERSITY of
STIRLING



12 BSc (Hons) SOFTWARE DEVELOPMENT WITH CYBER SECURITY

Duration – 4 years

(Years 1 & 2 at Forth Valley College, Falkirk, Years 3 & 4 at the University of Stirling)

Location – Falkirk Campus and University of Stirling

Apply via UCAS at www.ucas.com (code - T5G6)

Course Overview

This course is a unique and exciting opportunity which will kick start a career in one of Scotland's most thriving industries.

This degree has been developed with input from employers across the Scottish ICT community and will deliver the skills required to take advantage of the 11,000 job opportunities available each year.

Students will develop skills in key ICT areas with a focus on software development and analytical skills. There is an emphasis on employability skills and industrial awareness to ensure graduates are 'work-ready' on completion of their course.

The degree is taught jointly by Forth Valley College (Falkirk Campus) and the University of Stirling.

Students who choose University accommodation at Stirling should be aware that they will be required to travel from Stirling to Falkirk for the first two years of their studies and should budget for travel costs accordingly.



'Due to the degree course being delivered jointly, it means I study at FVC and the University of Stirling and I get a chance to do work experience relating to computing, to give myself a chance to see what I would like to do in the computing sector.'

Career Paths

Software Engineer

System Designer

Systems Engineer

Systems Analyst

Systems Architect

Systems Administrator

Software Developer

Web Developer

Project Manager

NET Developer

Applications Developer

Mobile Applications Developer

Java Developer

Network Engineer

Programmer

Programmer Analyst

Entry Requirements

One of the following:

- Three Highers at grade B (or equivalent) including at least one of Mathematics,

Computing, Physics or Chemistry (If the applicant does not possess Higher Maths, then National 5 Maths is required at grade B or above)

- Foundation Apprenticeship in Software Development plus two further Highers at B or equivalent to include one of Maths, Computing, Physics or Chemistry (If the applicant does not possess Higher Maths, then National 5 Maths is required at grade B or above)
- Applicants with a different qualification or grade profile are still welcome to apply, as all applications are considered on their own merits
- NC Computing (with Cyber Security)'

Questions?

degrees@forthvalley.ac.uk

BEng (Hons) CHEMICAL ENGINEERING

Duration – 4 years

(Years 1 & 2 at Forth Valley College, Falkirk, Years 3 & 4 at the University of Stirling)

Location – Falkirk Campus and University of Strathclyde

Apply via UCAS at www.ucas.com (code - 0BRT)

Course Overview

Students undertaking this programme complete the one year HNC Chemical Process Technology programme based at Forth Valley College's new state-of-the-art Falkirk Campus, then progression to year 2 of BEng (Hons) Chemical Engineering at the University of Strathclyde.

This course is part of the University of Strathclyde's Engineering Academy.



'We are very proud of our strong links with the University of Strathclyde here at Forth Valley College. The BEng Chemical Engineering degree programme is a shining example of how we can work together to offer an excellent qualification. It builds confidence and improves practical lab skills before students embark on their university studies and will springboard them into the engineering and applied science industries.'

Mhairi Hay, Director of Curriculum

Career Paths

Chemical Engineer

Process Engineer

Production Chemist

Entry Requirements

One of the following:

- Three Highers at grade B and one at grade C or equivalent (to include Mathematics, Chemistry and ideally Physics)
- Foundation Apprenticeship in Engineering or Scientific Technologies plus three further Highers at BBB to include Chemistry, Maths and preferably Physics

Additional Requirements:

- Final selection subject to successful interview

Questions?

engineering-academy
@strath.ac.uk



University of
Strathclyde

BEng (Hons) / MEng CHEMICAL ENGINEERING

Duration – 5 years

(Years 1 & 2 at Forth Valley College, Falkirk, Years 3, 4 & 5 Heriot-Watt University)

Location – Falkirk Campus and Heriot-Watt University

Apply at www.forthvalley.ac.uk

Course Overview

Chemical engineering is an exciting and challenging area of study. Chemical engineers take a raw material and turn it into a useful product as cost effectively as possible.

By applying for the combined HND Chemical Process Technology programme based at Forth Valley College's new state-of-the-art Falkirk Campus, with progression to Heriot-Watt University, students have taken the first step towards a dynamic and rewarding career in chemical engineering.



'I enjoyed the course. When you leave school it is a bit scary thinking about university, but at college you get more one-on-one tuition that you would not get at university and you get great support here.'

Ellie Barton, MEng Chemical Engineering

Entry Requirements

One of the following:

- Two Highers at grade B and one at grade C or equivalent (to include Chemistry and Mathematics)
- Foundation Apprenticeship in Engineering or Foundation Apprenticeship in Scientific Technologies plus two further Highers at BB or BC to include Chemistry and Maths
- You can apply to the Heriot-Watt programme via the College website

Additional Requirements

- Please note that selection will be made via successful interview and group task. The selection session will also include a tour of the College and an opportunity to ask questions about the course

Questions?

degrees@forthvalley.ac.uk



BEng (Hons) / MEng ELECTRICAL ENGINEERING

Duration – 5 years

(Years 1 & 2 at Forth Valley College, Falkirk, Years 3, 4 & 5 Heriot-Watt University)

Location – Falkirk Campus and Heriot-Watt University

Apply at www.forthvalley.ac.uk

Course Overview

Electrical engineering is a very diverse subject and offers huge job opportunities in variety of engineering sectors. This programme combines the HND Electrical Engineering programme based at Forth Valley College's new state-of-the-art Falkirk Campus with progression to Heriot-Watt University.

Topics focus on a wide range of core skills and engineering skills in electrical and electronics engineering. This is the first step towards a dynamic and rewarding career in electrical engineering.



Entry Requirements

One of the following:

- Two Highers at grade B and one at grade C or equivalent (to include Maths and a science or technology subject)
- Foundation Apprenticeship in Engineering plus two further Highers at BB or BC to include Physics and Maths
- You can apply to the Heriot-Watt programme via the College website

Additional Requirements:

- Please note that selection will be made via successful interview and group task. The selection session will also include a tour of the College and an opportunity to ask questions about the course.

Questions?

degrees@forthvalley.ac.uk



BEng (Hons) / MEng MECHANICAL ENGINEERING

Duration – 5 years

(Years 1 & 2 at Forth Valley College, Falkirk, Years 3, 4 & 5 Heriot-Watt University)

Location – Falkirk Campus and Heriot-Watt University

Apply at www.forthvalley.ac.uk

Course Overview

There are many exciting career opportunities available in the mechanical, manufacture, process, oil and gas and alternative energy industries. This programme provides students with a wide range of knowledge and skills related to mechanical engineering technologies.

Students will spend the first two years at Forth Valley College's new state-of-the-art Falkirk Campus before progressing to Heriot-Watt University to complete their degree.



Entry Requirements

One of the following:

- Two Highers at grade B and one at grade C or equivalent (to include Maths and a science or technology subject)
- Foundation Apprenticeship in Engineering plus two further Highers at BB or BC to include Physics and Maths
- You can apply to the Heriot-Watt programme via the College website

Additional Requirements:

- Please note that selection will be made via successful interview and group task. The selection session will also include a tour of the College and an opportunity to ask questions about the course.

Questions?

degrees@forthvalley.ac.uk



BSc (Hons) BREWING AND DISTILLING

Duration – 4 years

Forth Valley College, Years 1 and 2 (Falkirk campus); Heriot-Watt University, Years 3 and 4

Location – Falkirk Campus and Heriot-Watt University

Apply at www.forthvalley.ac.uk

Course Overview

The 2-year HND Industrial Biotechnology course aims to support students to develop skills and knowledge in biology, chemistry and process engineering in an industrial biotechnology context. Further study in years 3 and 4 at the University allows students to study specialist courses in Food and Beverage Process Technology and Biotechnology. The University has a pilot plant brewery and distillery, which is used for teaching the practical aspects of the subject through project work.

Those who graduate Heriot-Watt with an Honours degree are employed in a wide range of roles, from plant managers and operators, to marketing and sales. Many work at the forefront of innovation, launching new breweries and distilleries, and in senior roles in established companies.



'The Heriot Watt University course, BSc (Hons) Brewing and Distilling, is designed to educate potential managers of the malting, brewing and distilling industries and to provide a full understanding of the science and technology of the processes involved from cereal farming to bottling and packaging.'

Entry Requirements

One of the following:

- Two Highers at grade C or above (which should include Biology, Chemistry or Maths)
 - Successful completion of a relevant access course or an appropriate group of National Qualification units
- Applicants who do not meet this criteria, but have relevant experience or alternative qualifications, will be considered
- You can apply to the Heriot-Watt programme via the College website

Additional Requirements:

- Please note that selection will be made via successful interview and group task.

Questions?

degrees@forthvalley.ac.uk



BSc (Hons) PROFESSIONAL EDUCATION (SECONDARY) WITH CHEMISTRY (TEACHING)

Duration – 4 years

Location – Falkirk Campus and University of Stirling

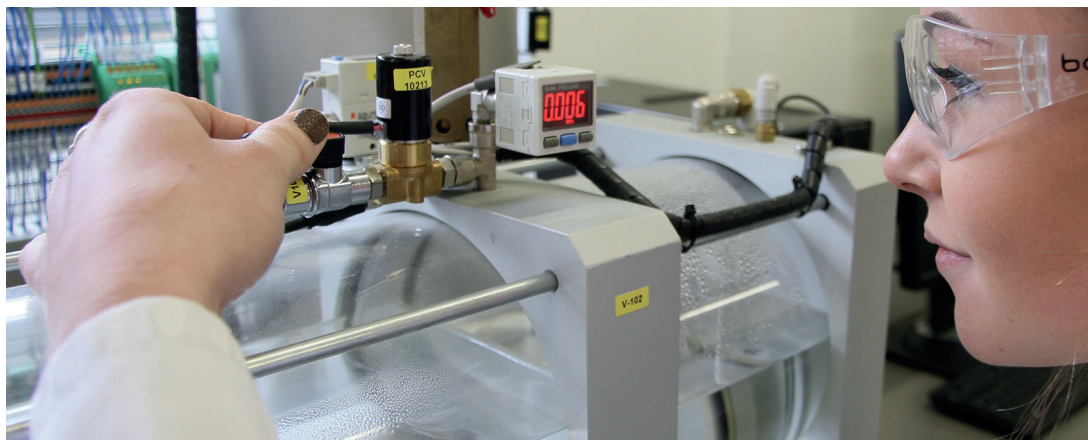
Apply via UCAS (course code CXF1)

VALIDATED BY THE UNIVERSITY OF STIRLING

Course Overview

This course is designed for students who wish to pursue a career in chemistry teaching, at secondary school level. Taught in collaboration with Stirling University, students will spend two years at Forth Valley College studying modules from HND Applied Sciences or HND Applied Chemical Sciences before participating in two years of initial teacher education at the University of Stirling, alongside chemistry student teachers. The course includes school placements to develop confidence and experience in a classroom environment.

We work in close partnership with local authorities, schools, Education Scotland and the General Teaching Council for Scotland to ensure that you are supported throughout your studies to become the best teacher you can be.



For Year 1 Entry

- 3 National 5s, to include Mathematics and 2 science subjects

AND

- 2 Highers (grade C), to include a science subject and Higher English (or an equivalent to Higher English).

**UNIVERSITY of
STIRLING**



BSc (Hons) PROFESSIONAL EDUCATION (SECONDARY) WITH PHYSICS (TEACHING)

Duration – 4 years

Location – Falkirk Campus and University of Stirling

Apply via UCAS (course code PXF1)

VALIDATED BY THE UNIVERSITY OF STIRLING

Course Overview

This course is designed for students who wish to pursue a career in physics teaching, at secondary school level. Taught in collaboration with the University of Stirling, students will spend two years at Forth Valley College studying modules from HND Applied Sciences before participating in two years of initial teacher education at the University of Stirling, alongside physics student teachers. The course includes school placements to develop confidence and experience in a classroom environment.

We work in close partnership with local authorities, schools, Education Scotland and the General Teaching Council for Scotland to ensure that you are supported throughout your studies to become the best teacher you can be.



For Year 1 Entry

- 3 National 5s, to include Mathematics and 2 science subjects

AND

- 2 Highers (grade C), to include a science subject and Higher English (or an equivalent to Higher English).

**UNIVERSITY of
STIRLING**



APPLYING

Call 01324 403000

Email: degrees@forthvalley.ac.uk

www.forthvalley.ac.uk/degrees

