

**YOUR
FUTURE
STARTS
HERE**

Science

**NORTH EAST
SCOTLAND
COLLEGE**

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OUR STUDENTS

LAST YEAR we enrolled
247 full-time
and
495 part-time
Science students

97%

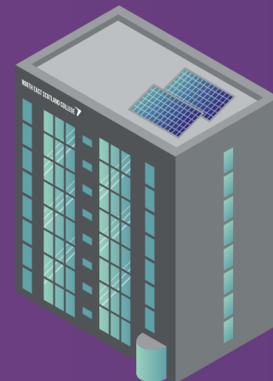
97% of our science students they were satisfied with their college experience

99% of our science students said they would recommend North East Scotland College to others

99%



Click [here](#)
for info on our
CITY CAMPUS



Progression to university & employment opportunities

Following successful completion of a Science HND you will have the opportunity to progress direct to 3rd year of university degree programmes. Over 30 such arrangements are in place with universities across Scotland, with the University of Aberdeen, RGU, Abertay University, Queen Margaret University and UHI.

Did you know?

The biotechnology industry is a major employer in the North East and predicted to be large growth area in years to come. From manufacturing, to pharmaceuticals and brewing, and from the energy transition to bioremediation the opportunities are as many as they are diverse. The HND Industrial Biotechnology at NESCol was designed with input from the Industrial Biotechnology Innovation Centre and will set you up for a career in this exciting field.

A qualification in physics is one of the most sought after by employers. Careers are available not just in science, but also include the likes of software development, engineering, finance, health care and more. Our HND Applied Science allow students to enter 3rd year BSc Physics at the University of Aberdeen.



Doug Fraser
Curriculum Manager

Doug is the Curriculum Manager for Science at Aberdeen City Campus and he graduated with BSc (Hons) Chemistry from University of Stirling and PhD from University of Lancaster. He has worked at NESCol since 1994 and prior to that worked as a Research Executive for Procter and Gamble where he helped design Ariel Ultra washing powder.



Paulina Sawicka
Lecturer (Chemistry & Biology)

Paulina graduated with a BSc (Hons) Chemistry from University of Aberdeen and MSc with distinction in Analytical Chemistry from RGU. She completed her MSc thesis in Switzerland working for Nestle. Paulina joined the NESCol Science team in 2014. In her free time, Paulina likes to keep active, walking, jogging and sightseeing.



Jake McCallum
Lecturer (Physics)

Jake began his studies at NESCol with an NC in Applied Science before progressing to Strathclyde University where he graduated with a Master's degree in Physics, specializing in quantum optics. Jake worked as a private tutor before joining the team at NESCol. In his free time, he enjoys playing the concertina and hill walking.



Nicola Levitt
Lecturer (Biology)

Nicola graduated from the University of Glasgow with an Honour's degree in Biochemistry. She worked for Glaxo Pharmaceuticals as a business development manager before joining NESCol in 2006 to lecture in biology with chemistry.



Georgeta Calarasu
Lecturer (Chemistry)

Georgeta graduated with a BEng in Chemical Engineering and an MSc in Economics from Romania. She worked as a chemical analyst in the oil and gas industry before moving into teaching twenty years ago. She has been with the NESCol team now for almost ten years.



Elaine Browne
Lecturer (Biology)

Elaine graduated from Aberdeen University with a BSc (Hons), an MPhil in Genetics, and a PhD in Pathology. She worked as a post-grad researcher at the University of St Andrews Medical School before taking up a teaching post at the University of Central Lancashire. Elaine has been working at NESCol since February 2023.



Sion Snape
Lecturer (Biology, Chemistry, Physics and Maths)

Sion graduated from the Robert Gordon University with a BSc (Hons) in Applied Biomedical Science. Sion worked at the Haematology Department at ARI prior to joining NESCol. During his time at College, he has also completed an HND in Mechanical Engineering.



Jade Williams
Lecturer (Biology with Environmental Science)

Jade initially studied Business Studies at university, which gave her the opportunity to live and study in Kuala Lumpur, Malaysia. There she found her passion for environmental science after joining various organisations, one of which was involved in the afforestation of tropical forest. Upon returning to the UK, Jade transferred to study a BSc (Hons) in Marine Biology at Aberdeen University and graduated in 2016. Jade enjoys sharing her enthusiasm for the living environment with students.



Mark Taylor
Lecturer (Physics)

After working in the oil and gas industry Mark made the decision to switch careers and returned to study. He completed a HND from North East Scotland College and used this to progress to Aberdeen University, graduating with a BSc in Physics. Mark has been lecturing at NESCol since 2023.



Anupama Mittal
Lecturer (Chemistry, Maths & Physics)

Anupama studied in India where she achieved a Masters & M.Phil in Chemistry. She worked there for nearly 20 years as a lecturer before moving to the UK and has been with NESCol for the last 10 years. Outside of work, Anupama enjoys hiking and is a keen gardener.



Dave Whitley
Lecturer (Physics & Maths)

Dave graduated with a BSc (Hons) and a PhD from Leeds, specialising in computational physics. During his PhD, he taught undergraduate level physics and was responsible for running the department's supercomputer. Dave then spent 4 years working in software development working in both the UK and USA on civilian and government projects. Dave joined NESCol in 2019. Outside of College, he runs a 60-acre hill farm with his wife. To relax Dave enjoys target shooting, brewing his own ale, and motor biking.



Stephanie Rigby
Lecturer (Chemistry)

Stephanie graduated from Liverpool Polytechnic with a BSc (Hons) in Applied Chemistry before completing a PhD in Spectroscopy at Queen's University of Belfast. Her post-doctoral studies found her working in the Fine Chemical Industry where she specialised in developing catalysts for Friedel-Crafts reactions. She then lectured in Industrial Chemistry and Environmental Engineering at RGU for several years, where her research centered on environmental sensors. More recently she completed a PGDE in Chemistry (with Science) and has worked as an A-level Chemistry teacher both in Scotland and England.