

Young Strathclyde: Accelerate

Chemical Engineering Challenge

22nd to 26th June 2026

Accelerate is a one-week programme, held at the University of Strathclyde, for pupils who have just gone into S5 and S6. It aims to provide a targeted focus on the pupils' chosen area of academic interest, giving them a head start on the road to their chosen career.

There are ten areas that you can choose from in 2026, depending on your career aspirations:

- **Business**
- **Chemistry**
- **Chemical Engineering**
- **Computer Science**
- **Education**
- **Electronic & Electrical Engineering**
- **Languages & International Communication**
- **Law**
- **Politics**
- **Product Design**

Teams of academic experts have put together week-long Challenges in each of these areas that will allow pupils to find out all about their area of interest and the career opportunities open to them. Led by undergraduate and postgraduate student mentors from the relevant fields, pupils will undertake a variety of group challenges, as well as attending career workshops and getting a chance to see what student life is like.

The Chemical Engineering Challenge: Outline

The Department of Chemical and Process Engineering (CPE) at the University of Strathclyde will be hosting a challenge for up to 25 pupils. The CPE Challenge will give you a taste of what chemical and process engineering is all about and how it affects so many areas of our lives.

You will find out how we use chemical engineering processes in the distilling industry, water treatment, carbon capture technologies, and environmental sustainability. Through practical experiments, the challenge will explore sustainable materials and synthesising bioplastics. Through this programme, you'll find out how diverse the chemical sciences can be.



You will also have the opportunity to chat with current students about their experiences and learn about the types of careers you could get involved in by studying this subject. A team of student mentor and University staff from the CPE department will guide you throughout the week. They'll be on-hand as a resource of information and advice throughout the challenge.

Visit the CPE department's webpage:

<https://www.strath.ac.uk/engineering/chemicalprocessengineering/>

The Chemical Engineering challenge has official accreditation on the SCQF Framework. This means that there will be some assessment on this challenge and, should you pass this, you will gain 10 credits at level 7. Level 7 is the same as Advanced Higher or first year University work.

What previous Chemical Engineering Challenge participants have said about the programme:

"I really enjoyed the programme! It had so many interesting lectures and the practical work was fun. Really showed me what a chemical engineering course looks like at university."

"I enjoyed the Chemical Engineering Accelerate Challenge as it gave me the opportunity to meet new and interesting people and to make new friends."

"I think it is a great opportunity, especially as a sixth year as it lets me know I am not alone when it comes to career options and deciding what I want to do when I leave school."

"Personally, I think the Chemical Engineering accelerate programme was a really amazing opportunity for me to boost my confidence and get an amazing idea on what university life is like, and what a chemical engineering degree consists of."



"It is a really good way to get information about how to sign up for uni, tips and costs."

"I thought the programme has been amazing in getting new knowledge of ChemEng, and I have met people I would never have met in my daily life, making new friends. I've also learned more about Uni life."

For further information, visit:

<https://www.strath.ac.uk/professionalservices/accessequalityinclusionservice/wideningaccess/gettingready/accelerate/>

or contact us at accelerate-programme@strath.ac.uk.