

UCL Summer School Online 2021

Chemical Engineering

Monday, 26 July – Friday, 30 July 2021

What does a Chemical Engineer care about?

This Summer School will give you a taste of UCL's Chemical Engineering Programme. Through several online activities you will become familiar with some basic Chemical Engineering concepts, and their relevance to a wide range of sectors. You will be involved in experimental laboratory sessions to introduce you to the fundamentals of how chemical processes, such as distillation, and how chemical reactors operate. You will also be engaged in some computational workshops to understand how process simulation can be used to design, analyse and optimise chemical processes. To finish off the week, you will put your new skills to the test and compete in groups to complete a Chemical Engineering design challenge. You will also have the opportunity to learn more about a career in Chemical Engineering through a series of talks with speakers from the department and from industry. Our speakers will talk to you about:

- **Their career paths into Chemical Engineering.**
- **What made them study Chemical Engineering at university.**
- **How studying Chemical Engineering can lead to exciting careers.**
- **What an industrial Chemical Engineer does.**

Are you a creative problem solver? Would you like to learn how to think like an engineer? Do you want to use Maths, Physics and Chemistry to make a positive impact on the world? Then this course would suit you – we hope to meet you this summer!

Required A level/ Advanced Higher subjects: Mathematics and Chemistry required. Another science preferred as third subject, but not essential.

For further information and other qualifications, please visit our website:

<https://www.ucl.ac.uk/prospective-students/undergraduate/degrees/>