



University College London

Mechanical Engineering at UCL

Situated in the heart of London on the main campus of UCL (University College London), the department is one of the top research and teaching Mechanical Engineering departments in the UK, achieving world class standing. We educate aspiring engineers how to play an integral role in finding solutions to some of the grand challenges the world is currently facing; such as sustainability, energy, health, transport, manufacturing and much more.

What is Mechanical Engineering?

Mechanical Engineering is a challenging, exciting and broad discipline which opens up a very wide range of rewarding career paths for those who have studied it. While automotive and aerospace engineering are among the diverse applications of this subject, it certainly isn't about fixing cars!

On video:

- Watch "[What is Mechanical Engineering](#)"
- To get a flavour of what our students do watch [this video about undergraduate group projects](#)
- Individual projects are a key part of our degree programmes [here is a nice example](#)
- [You can see why we love engineering in this video](#)

What's it all about?

The goal of this Insight into University course is to provide students with an understanding of what a career in engineering might entail, which skills are required and how a typical mechanical engineering project may be approached and tackled.

What will I be doing?

You will experience life as a first-year student by staying in undergraduate halls of residence. You will participate in practical activities which enable you to meet fantastic engineering role models, engage in hands-on workshops and laboratory sessions, as well as receive information related to admissions and future career prospects. The range of activities will include:

- Lectures and presentations
- Practical workshops
- Laboratory sessions
- Team challenges
- Social events

Would this course suit me?

Are you creative? Can you think outside the box? Do you like challenges and figuring out how things work? Would you like to make a positive change in the world? Are you passionate about maths and physics – but do not necessarily see yourself as a mathematician or a scientist? Then this course would suit you. To attend the course, you need an interest in engineering and a desire to solve problems. To study for a mechanical degree at UCL you need to be studying Mathematics and Physics 'A' levels, or an equivalent qualification.

Course dates: Monday, June 27, 2022 to Thursday, June 30, 2022 (3 nights residential)

Course cost: £375

Apply Now

[Click here for more information about Mechanical Engineering at UCL](#)