



University of Cambridge

Materials Science at University of Cambridge

FOCUS ON MATERIALS SCIENCE

This course at the University of Cambridge is designed to give you an insight into Materials Science and a flavour of what life is like as an undergraduate here. You'll be based in Churchill College but attend lectures and carry out practical work at the Department of Materials Science and Metallurgy.

What's it all about?

Materials Science is an interdisciplinary subject, which combines elements of physics, chemistry, engineering and even biology. We study how the properties of a material are affected by its structure and the way it has been processed, and the subject has applications in every aspect of our daily lives, from computer chips to prosthetics and from buildings to clean energy.

Materials Science at Cambridge forms part of the Natural Sciences Tripos, which enables students to experience a wide range of subjects during their first two years of study.

What will I be doing?

Academic staff and students will introduce you to a range of Materials Science activities which will include:

- lectures on a variety of topics, such as atomic structure, mechanical properties, and biomedical materials
- hands-on practical sessions where you will carry out experiments similar to those performed by undergraduates
- team projects
- admissions information

Would this course suit me?

If you would like a challenging and intensive Insight into University course covering a range of Materials Science topics, then this is for you. A good understanding of maths and science will enable you to appreciate all aspects of Materials Science. To study for a Natural Sciences degree at Cambridge University requires the highest academic grades and a passionate interest in science – this Insight into University course reflects these requirements. Open for non-selective state-school students only.

Course dates: Sunday, July 3, 2022 to Thursday, July 7, 2022 (4 nights residential)

Course cost: £475

Apply Now

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