

Engineering Science Information Sheet for entry in 2018

Engineering Science encompasses a vast range of subjects, from microelectronics to offshore oil platforms, and involves the application of creative reasoning, science, mathematics (and of course experience and common sense) to real problems.



The Department of Engineering Science at Oxford has a top-level quality assessment rating for teaching, and a world-class reputation for research.

Because we believe that future engineering innovation will benefit from broad foundations as well as specialised knowledge, teaching is based on a unified course in Engineering Science, which integrates study of the subject across the traditional boundaries of engineering disciplines. Links between topics in apparently diverse fields of engineering provide well-structured fundamental understanding, and can be exploited to give efficient teaching.

The Engineering Science programme is a four-year course, leading to the degree of Master of Engineering. The first two years are devoted to topics which we believe all Engineering undergraduates should study. In the third and fourth years there is scope for specialisation into one of six branches of engineering: Biomedical, Chemical, Civil, Electrical, Information and Mechanical. Decisions about which of these will be your specialisation can be deferred until the third year. In the fourth year there may be opportunities to study abroad.

The course is accredited every four years by the major engineering institutions in respect of the initial requirements for the designation of chartered engineer.

Industrial experience is an extremely important adjunct to an academic engineering education, and undergraduates are strongly encouraged to obtain it. One way to do so is by being sponsored. Further information is generally available through your careers teacher, or from the engineering institutions.

If your sponsoring company wants you to spend a year with them before university, you will be asked to declare this at your interview and in your UCAS application.

A typical weekly timetable

As a guide, in an average week you will have approximately ten lectures and two college tutorials or classes. In some weeks in the first two years you will also have up to five hours of practical work.

1st year	
Courses <ul style="list-style-type: none">• Mathematics• Electrical and information engineering• Structures and mechanics• Energy and the environment• Engineering practical work	Assessment <p>First University examinations: Four written papers; Assessment of Engineering practical work</p>

2nd year	
Courses <ul style="list-style-type: none"> • Mathematics • Electrical and information engineering • Structures, materials and dynamics • Energy systems • Engineering practical work 	Assessment Final University examinations, Part A: Four written papers; Assessment of Engineering practical work
3rd year	
Courses <ul style="list-style-type: none"> • Five optional Engineering courses • Engineering in society • Engineering computation • Engineering practical work • Group design project 	Assessment Final University examinations, Part B: Six written papers; Assessment of Engineering practical work; Project reports (Engineering Computation and Design Project)
4th year	
Research A major project, plus six specialist courses chosen from within the areas of: <ul style="list-style-type: none"> • Biomedical engineering • Chemical engineering • Civil engineering • Electrical engineering • Engineering mathematics • Information engineering • Mechanical engineering • Production engineering <i>The options listed above are illustrative and may change. More information about current options is available on the Engineering Science website.</i>	Assessment Final University examinations, Part C: Six written papers; Project report

The University will seek to deliver each course in accordance with the descriptions set out above. However, there may be situations in which it is desirable or necessary for the University to make changes in course provision, either before or after registration. For further information, please see the University's Terms and Conditions.

Fees

Oxford University is committed to recruiting the best and brightest students from all backgrounds. We offer a generous package of financial support to Home/EU students from lower-income households. (UK nationals living in the UK are usually Home students.)

These annual fees are for full-time students who begin this undergraduate course here in 2018.

Fee Status	Tuition fee	College fee	Total annual fees
Home/EU	£9,250	£0	£9,250
Islands (Channel Islands & Isle of Man)	£9,250	£0	£9,250
Overseas	£23,885	£7,570	£31,455

Information about how much fees and other costs may increase is set out in the University's Terms and Conditions.

Additional Fees and Charges Information for Engineering Science

There are no compulsory costs for this course beyond the fees shown above and your living costs.

Living Costs

Your living costs will vary significantly dependent on your lifestyle. These are estimated to be between £1,014 and £1,556 per month in 2018-19. Undergraduate courses usually consist of three terms of eight weeks each, but as a guide you may wish to budget over a nine-month period to ensure you also have sufficient funds during the holidays to meet essential costs.

Living costs breakdown

	Per month		Total for 9 months	
	Lower range	Upper range	Lower range	Upper range
Food	£258	£361	£2,318	£3,245
Accommodation (including utilities)	£536	£677	£4,824	£6,093
Personal items	£118	£263	£1,066	£2,364
Social activities	£41	£123	£369	£1,105
Study costs	£39	£85	£348	£765
Other	£22	£47	£202	£419
Total	£1,014	£1,556	£9,127	£13,991

When planning your finances for future years of study at Oxford beyond 2018-19, you should allow for an estimated increase in living expenses of 3% each year.

10 November 2017