

Civil engineering @ UK unis - quick facts

Top 20*

1 Cambridge	A*A*A	11 Strathclyde	ABB
2 Glasgow	AAB	12 Exeter	AAB
3 Oxford	A*A*A	13 UCL	A*AA
4 Bath	A*AA	14 Edinburgh	AAA
5 Southampton	A*AA	15 Loughborough	ABB
6 Imperial	A*AA	16 Nottingham	AAB
7 Sheffield	AAA	17 Swansea	ABB
8 Bristol	A*AA	18 Liverpool	ABB
9 Aberdeen	ABB	19 Birmingham	AAB
10 Cardiff	ABB	20 Manchester	AAB

These entry requirements are for BEng. You can apply for a BEng (3 years) or an MEng (4 years). The entry requirements for MEng degrees are usually one or two grades higher than those for BEng. For example, the BEng at Birmingham, Exeter and Nottingham needs AAB but the MEng needs AAA. If you take a BEng you can usually switch to an MEng later in your degree provided you meet the academic requirements. At Cambridge and Oxford you apply for a general engineering degree and specialise later.

* Complete University Guide April 2020

Must haves

Maths A Level and for some (e.g. Imperial) physics. Another science subject and FM are favoured.

Other degrees to consider

General engineering, maths, physics, architecture. Degrees with a year in industry or apprenticeship degrees are worth considering.

Example course modules

A typical civil engineering degree will cover civil engineering practice and surveying, materials and statics, maths, structural mechanics and analysis, engineering geology, hydraulics, water in the environment, soil mechanics, the engineering industry and the profession.

Contact hours per week: 18 (Average all subjects 14.)

Career prospects

On completion of your degree you are likely to go into one of four fields:

- **Consultancy:** Where you might design buildings, bridges, highways and transport networks, drainage and water systems, foundations, power stations and tunnels and look at the reuse of historic buildings. You could be working on projects around the world.
- **Contracting:** Where you oversee the whole construction process from breaking ground to completing the project and handing it over to the client.
- **Management consultancy:** Where you manage large projects from conception to completion.
- **Further education:** including PhDs at a number of universities, and MSc in a variety of subjects.

Average starting salary: £25,500