



ENGINEERS
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Structural Engineering Area of Practice / Area of Engineering

Structural engineering deals with the understanding, prediction, and calculation of the stability, strength and rigidity of built structures. Structures can include buildings, bridges, in-ground structures, footings, frameworks and space frames.

Some of the indicative activities that may be undertaken when practising structural engineering are:

- construction
- consultancy
- demolition
- design
- inspection
- maintenance
- manufacture
- monitoring
- planning
- rehabilitation
- research

These activities could take place in any of the following structural engineering domains:

- building construction
- framework
- high rise
- infrastructure
- low rise
- residential
- spaceframes
- tunnelling.

To find out more about structural engineering visit our [Engineering communities](#) page.



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How to apply

Structural engineering is an area of practice available to those who want to become Chartered and is available to all occupational categories. Learn more about becoming [Chartered](#) and how to apply.

If you want to add structural engineering as an additional area of practice, [email](#) us to enquire about the process.

Registration eligibility

Structural engineers may need to hold statutory registration in an Area of Engineering in accordance with relevant legislation. Check the [State registration](#) page for more information.