

Biomedical Engineering Area of Practice / Area of Engineering

Biomedical engineering deals with combining design and problem-solving skills in applying engineering principles and design concepts to medicine and biology for healthcare purposes.

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

- control
- design
- development
- evaluation
- installation
- maintenance
- manufacture
- operation
- research.

These activities could take place in relation to biomedical:

- devices
- equipment
- facilities
- prosthetics.

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

How to apply

This area of practice is 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 biomedical engineering as an additional area of practice, [email](#) us to enquire about the process.

Registration eligibility

Biomedical 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.