Engineering

UCAS Postgraduate

SUMMARY

There are over 3,400 courses to choose from, in key subject areas such as:

- civil engineering
- chemical engineering
- electrical and electronic engineering
- general engineering
- aerospace engineering
- naval architecture
- mechanical engineering
- production and manufacturing engineering

TAUGHT

- **MEng** – four years full-time. An integrated master's (MEng, BEng) is a four year degree course that extends your studies to master's level.
- **MSc** – one year full-time, two years part-time.

RESEARCH

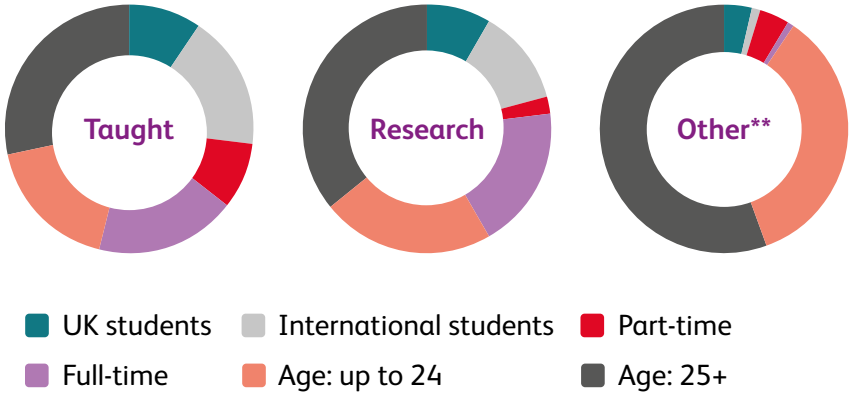
- **MRes** – 18 months to three years full-time.
- **MPhil** – one to two years full-time.
- **PhD** – three to four years full-time, seven to eight years part-time
- **EngD** – four years full-time. An alternative to the traditional PhD for students who want a career in industry, combining PhD-level research projects with master's-level technical and MBA courses.

For more information, go to **www.ucas.com/postgraduate/what-to-study**.

> "There's a huge range of MSc courses to choose from to enable you to develop your career. This could be by building on your undergraduate qualification in a pure science to help you to 'convert' to engineering, or by equipping you with the knowledge of an area of interest to your employer.'
>
> **(Engineering Professors' Council)**

WHO STUDIES ENGINEERING?

Total number of students – 39,245*



*Total number of students studying engineering for the 2013/14 academic year.

**Other includes postgraduate diplomas, certificates, and professional qualifications, Postgraduate Certificate in Education (PGCE), level 7 Diploma in Teaching in the Lifelong Learning Sector, higher education provider postgraduate credits, and non-formal postgraduate qualifications.

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Engineering **continued...**

CAREER AREAS

Engineers are employed in a very wide range of industries and businesses, from aerospace to construction, IT and computing, through to telecoms and geotechnology.

Career opportunities span electronic and electrical engineering, production and manufacturing engineering, as well as civil, mechanical, chemical and energy engineering.

Engineering companies are projected to need 182,000 people with engineering skills **every year** between now and 2022.

ASSOCIATED PROFESSIONAL BODIES

There are professional bodies for all areas of engineering, including:

- Chartered Institution of Building Services Engineers (CIBSE)
- Institution of Agricultural Engineers (IAgrE)
- Institution of Civil Engineers (ICE)
- Institution of Engineering and Technology (IET)
- Institute of Healthcare Engineering and Estate Management (IHEEM)
- Institution of Mechanical Engineers (IMechE)
- Institute of Acoustics (IOA)
- Institute of Physics and Engineering in Medicine (IPEM)
- Nuclear Institute (NI)
- Royal Aeronautical Society (RAeS)

PEOPLE WHO STUDIED ENGINEERING WENT ON TO WORK IN...*

Total number of people – 2,655**

6.4% Mining and quarrying

19.02% Manufacturing

2.45% Electricity, gas, steam, and air conditioning supply

1.51% Water supply, sewerage, waste management, and remediation activities

7.91% Construction

2.82% Wholesale and retail trade; repair of motor vehicles

3.01% Transport and storage

1.13% Accommodation and food service activities

4.9% Information and communication

1.69% Financial and insurance activities

0.19% Real estate activities

20.15% Professional, scientific, and technical activities

1.32% Administrative and support service activities

7.91% Public administration and defence, compulsory social security

14.88% Education

3.01% Human health and social work activities

0.75% Arts, entertainment, and recreation

0.56% Other service activities

0.19% Activities of extraterritorial organisations and bodies

19.02% Unknown

*Source: HESA DLHE tables (2013/14)
**UK domiciled leavers who obtained postgraduate qualifications and were in employment for the academic year 2013/14.

MD-1355 / V2_030616