

Graduate Electrical Engineer

Foster + Partners is a global studio for sustainable architecture, urbanism, engineering, and design, founded by Norman Foster in 1967. With offices across the world, the practice works as a single entity that is both ethnically and culturally diverse, with people central to all our endeavours.

We have an exciting opportunity for a Graduate Electrical Engineer to be part of our multidisciplinary Building Services Engineering Design team in London. You will work within a team to develop the engineering designs for national and international building projects with an emphasis on innovative technology and low carbon strategies. Foster + Partners offers a CIBSE accredited Graduate Training Scheme to assist developing engineers to attain professional Chartered Engineer qualification and have staff support networks including for women and LGBT+ groups.

Role description

- Prepare, and develop under the guidance of a project leader, engineering drawings, calculations and analysis
- Use 3D and 2D software to model electrical engineering installations and prepare technical systems diagrams
- Take responsibility, for specific areas of the design and project development
- Present design decisions for discussion at team meetings
- Liaise, with members of the external design team and other associated organisations or companies
- Take interest in innovative technology and new methods in electrical engineering
- Seek, and record evidence of, continuing professional development (CPD)
- Learn Foster + Partners internal procedures and standards for quality and code compliance

Qualities and skills required

- Degree qualification in Electrical, General Engineering or Building Services engineering
- Good interpersonal skills and the ability to work well in a team
- Broad interest in engineering, building design and environmental issues
- Ability to work well under pressure and meet deadlines efficiently
- A flexible and open attitude towards new ways of working and commitment to independent, lifelong learning
- Proficient user of MS Office software with enthusiasm to learn specialist design and engineering packages (Training will be provided)
- Ability to take initiative in response to direction or instruction
- Excellent organisational skills
- Excellent written and verbal communication skills (Fluent in English)
- Legally able to work in the country in which the position is based, we may apply for a “skilled work visa” for the appropriate candidate.