

OXFORD SIGMA JOB DESCRIPTION

3rd October 2024

Job title:	Graduate Engineer
Job location:	Oxford City Centre, UK
Hours:	Full-time (37.5 hours per week)
Salary:	Competitive
Dates:	Start date in September 2025
Reference:	OS-JA-GRADENG-04

Company

Our vision is to tackle energy security and climate change by accelerating the commercialisation of fusion energy. **Our mission** is to deliver materials technology, materials solutions, and fusion design services in order to assist fusion delivery.

About us: We are a small, organically grown, company owned and operated by scientists and engineers, with our roots and headquarters in Oxford. We have established ourselves as a highly respected technical service supplier for the fusion energy market, within both the private and public sectors, nationally and internationally. We are equally a research and technology development company developing novel disruptive materials and design technologies to help in the required fundamental shift for the world's clean energy future.

Role

We are expanding our technical team to support our core businesses in materials solutions for fusion. This role will support both:

1. Technical research, analysis, and critical thought of materials engineering for fusion enterprises globally.
2. Expanding our portfolio of patented disruptive technology, through research & development, with new ideas, and approaches in fusion materials and engineering.

The role will require teamwork, and the ability to communicate complex challenges to a range of audiences. Materials engineering and reactor design are a grand challenge for the realisation of fusion power on the grid, you will be working on problems without obvious solutions requiring tenacity, and lateral approaches to solve. Some national and international travel will be required.

Qualifications & experience

Ideally, you will have some of these:

- A strong academic background within engineering, materials science, physics or a similar STEM environment. Either an early career professional or expecting to graduate soon.
- An ability to communicate technical concepts.
- Good verbal and written communication, and presentation skills.
- A willingness to learn new things and to change your mind with new knowledge.

Maybe, you will have some of these:

- A desire to build business and strategise for the future.
- Some experience developing computational approaches (such as Python) to support problem solving.

Eligibility

The candidate must have the right to work in the UK.

Our benefits

- 28 days annual leave
- Company bonus scheme
- Flexible working around core hours
- Company pension scheme
- Cycle to work scheme
- Company share options
- Enhanced parental pay
- Inclusion in the Business Health Scheme
- Assist and support chartership progression with the appropriate body.

Additional Information

Underrepresented people are less likely to apply for engineering roles if they do not meet 100% of the job requirements. We are actively seeking these kinds of applicants and believe in hiring people not checklists. If you are interested but unsure if your experience aligns, please get in touch with Jonathan Musgrove, the hiring manager, to discuss if this role or others we are developing may match you as a person.

Apply

We'd love to understand more about you, and why you want to get involved in fusion.

Submit your CV and covering letter (both in PDF format) at www.oxfordsigma.com/careers/ quoting the job reference number.

Applications will be reviewed fortnightly, until all our spaces are filled, or until **17:00 13th December 2024** – whichever comes first.