

In the company of **CREATORS**

ATKINS

Member of the SNC-Lavalin Group



Business area: Nuclear and Power

Requirements: On track to achieve a minimum of a 2.2 Bachelor's/BEng degree in Civil or Structural Engineering

Our teams and what they do

Our Nuclear & Power team works collaboratively across the industry, building trust and delivering exceptional engineering solutions to our key clients. It's a really exciting time to be a part of our team, with decades of nationally and internationally critical projects in the pipeline. For you, this means unrivalled opportunities to develop your career by joining a growing team operating in a fast-paced environment and delivering solutions to our clients' most challenging engineering requirements.

In joining our Nuclear & Power business, you'll be part of one of four key teams in the UK:

- Power New Build
- Reactor Operations & Decommissioning

Team Details

Power New Build

Locations within this Team: Bristol, Epsom.

As a Civil and Structural Engineer placement student within the Power New Build team you will be supporting the UK's ambition to achieve Net Zero emission targets. You will have the opportunity to work on numerous exciting projects, including helping us design the first new nuclear power stations to be built in the UK for 25 years, helping the UK achieve its greenhouse emissions Net Zero target. We support our clients remotely, but many opportunities are available to deliver work from our client locations and, potentially, from the power stations.

Our team is employing a number of state-of-art digital technologies to support our clients, including the use of Unmanned Aerial Vehicles (UAVs), Virtual and Augmented Reality (AR/VR) and Building Information Modelling (BIM). You will be supported in your career development as you develop your technical skills in structural assessment and design of various structures for complicated loadings, and beyond as you begin to take on management and leadership roles, as well as engage with client and regulators.

We are looking for placement candidates with a good understanding of civil and structural engineering, who are keen on developing their knowledge in the nuclear energy sector. Under the supervision of our experienced engineers, you can expect to work on large, complex projects as part of a multi-disciplinary team, alongside electrical and control engineers, mechanical engineers, and process engineers. Work is delivered in innovative ways, with a focus on digital technologies.

Reactor Operations and Decommissioning

Locations within this team: Glasgow, Bristol.

Our mission is to solve complex nuclear engineering problems to keep the lights on, keep everyone safe and ensure the clean evolution of the UK nuclear estate. Our purpose is to build lasting relationships where we are valued and can develop our people across the widest variety of challenges. Our vision is to be the 'go to' community for creative solutions, known for empowering and trusting our people, and where our nuclear expertise is sought after to secure the future.

As a Civil and Structural Engineer placement student within Reactor Operations and Decommissioning, you will join a growing and vibrant team and find yourself immersed in a diverse portfolio of work covering the entire nuclear lifecycle in both the civil nuclear sector and UK defence industry. With the knowledge and skills that you've gained throughout your studies, you'll be ready to start this exciting next chapter within a diverse team of highly skilled engineers. As part of our team, you will be empowered to gain broad experience across our portfolio of work with key clients such as EDF, Magnox and Rolls-Royce.

You can expect to gain experience in a variety of working environments, including being based in our Atkins offices around the UK, as well as gaining valuable site-based experience supporting our clients on their operating sites at the forefront of carbon neutral electricity generation. Our civil & structural engineering team provide technical design, repair specification and consultancy advice to our clients. In the early stages of the role, you'll find yourself detailed checking calculations and documents. This will give you an insight into the standard and style that we produce our work here at Atkins. This is also a good way to understand what the team are working on and what current projects involve. As you develop through these tasks, you'll gradually be introduced to carrying out your own calculations with the teams' engineers happy to guide you and give advice. You'll also identify customer requirements, produce specifications, support project management activities, and collaborate with clients as well as your Atkins colleagues and our supply chain partners. All of this adds up to an outstanding environment to gain varied experience that will aid you with your professional development and progress towards professional registration.

We're looking for placement candidates with a good understanding of civil & structural engineering and engineering design, who love the idea of applying their engineering skills to help keep the lights on, keep everyone safe, and ensure the clean evolution of the UK nuclear estate. You should also be keen to develop your knowledge, skills and understanding of the field and have an interest in the nuclear energy sector.

Locations for this business will include:

Industrial placement locations: Bristol, Epsom

Summer placement locations: Bristol, Epsom, Glasgow

To apply, please return to the main job specification