

Business area: Nuclear and Power
Requirements: On track to achieve a minimum of a 2.2 Master's/MEng degree in Electrical and Electronic Engineering, Electrical Control and Instrumentation, Electrical Engineering, Control and Instrumentation.
Our teams and what they do
Whitehaven Based in our Westlake's office on the edge of the stunning Lake District, our team supports clients within the Nuclear industry to deliver innovative solutions in a challenging environment. You will be part of our fast- evolving EC&I team who strive towards using cutting edge technology in a diverse range of projects. Recent projects have incorporated the design, specification, integration and substantiation of all three aspects of EC&I engineering. The ideal candidate will have a keen interest in the nuclear sector and is passionate about incorporating digital design into their work.
Warrington As part of Electrical team, you'll find yourself working primarily on projects in the power generation, nuclear and energy storage sectors. You will gain experience for delivering everything from feasibility studies, all the design cycles from functional to detailed design, alongside site-based work and commissioning. You'll find yourself working on projects in the nuclear and power and offshore wind which could include design and verification for offshore wind farms, grid connection studies for embedded generation projects and conventional generation plants, design and failure investigation of industrial installations, protection settings and battery storage schemes. You'll also gain experience in working alongside our other disciplines including mechanical, process, civil, and safety case engineers in addition to our project management community. We're looking for bright, enthusiastic and diligent engineers of the future, looking to further their technical development who have a keen interest in either working as part of the electrical networks or EC&I team.
Bristol You'll be supporting a variety of nuclear clients, covering the full nuclear lifecycle from new build design, through support to current nuclear generation, and decommissioning. Joining our team, you could help us design the first nuclear power stations to be built in the UK in 25 years, helping the UK achieve its greenhouse emissions Net Zero target. We support our clients remotely, and numerous opportunities are available to deliver work from their offices and, potentially, power stations. <u>Electrical, Control and Instrumentation</u> The Electrical, Control and Instrumentation (EC&I) team is looking for students with a good understanding of the broad base of electrical engineering, electronics, instrumentation and control systems. You should be keen on developing your knowledge in the field and have an interest in the nuclear energy sector. You'll be working as a part of the team on the specification, design, development and implementation of EC&I systems (including electrical and control panels, electrical layout, cabling routing, etc.), and substantiation of critical safety-related systems. You can also expect to get involved in multi-disciplinary projects with civil, mechanical and process engineers, and deliver our projects in innovative ways with focus on digital technologies. <u>Building Design</u> Our building design team is looking for an Electrical Engineering placement student with an interest in advancing their knowledge in the broad subject of electrical building services.

Under the careful guidance of our experienced engineers we'll develop your understanding of electrical building services while you get involved in the detail design of electrical distribution, back-up power and power generation, lighting design, fire alarm and security systems.

The ideal candidate would have an interest in building services, electrical engineering, power generation or similar discipline. Accuracy and attention to detail is essential as well a strong motivation for learning and personal development.

To apply, please return to the main job specification