Business area: Infrastructure

Requirements: On track to achieve a degree in a relevant discipline. Please refer to team details below for specific requirements.

Our teams and what they do

Water Management Consultancy

Degree requirements: On track to achieve a minimum of a 2.1 Bachelor's or 2.2 Master's degree in Aquatic Ecology, Chemistry, Civil Engineering, Coastal, Environment, Environmental Engineering, Flood Risk, GIS, Geography, Hydrogeology, Hydrology, Marine, Maths, Physics or Water Resources disciplines

Industrial year placement locations: Birmingham, Bristol, Derby, Epsom, Manchester, Newcastle, Oxford, Peterborough, Stockton, Swansea.

Summer placement locations: Glasgow

Operating at the interface between people and the water environment, we work with our clients in the UK and around the world in providing innovative design solutions, research and advisory services for a sustainable future.

Our key services include: water resources and water quality planning; hydrogeology and groundwater management; flood risk management; natural capital and environmental economic appraisal; hydrology; hydraulic and coastal flood modelling and flood risk scheme appraisal; coastal and marine environmental appraisal; integrated catchment management; hydromorphology; river restoration, aquatic ecology, natural flood management and nature-based solutions; environmental, hydraulic and civil engineering; regulation and assurance; strategic asset management; and data analytics.

Day to day activities could include:

- Contributing to projects with a water management focus, particularly alongside one of our key services, as well as a wide variety of projects across the environment business.
- Field/survey work in support of projects
- Providing input to the development and refinement of new and existing digital tools that quantify and illustrate environmental impacts and the value of nature to people in a clear and visual way
- Supporting with wider data analysis and report writing as part of project work, including creation and presentation of information in GIS
- Involvement in supporting business development through our win work/ bidding process, in addition to the successful delivery of key tasks on projects
- The role is focused on achieving and delivering technical excellence

Networks & Drainage Solutions (Modeller)

Degree requirements: Minimum 2.2 BEng in Civil Engineering, Environmental Engineering, Environmental Science, Geography.

Industrial year placement locations: Peterborough.

Summer placement locations: N/A

Our Networks & Drainage Solutions team is one of the UK's largest and most diverse water infrastructure teams. We deliver innovative, sustainable, and digitally enabled solutions across the water cycle - from clean water supply to wastewater and stormwater management. Our work spans the UK and international markets, supporting clients such as water companies, local authorities, transport bodies, and developers.

We're involved in a wide range of projects, including:

- Major transportation, energy, and critical infrastructure schemes such as Lower Thames Crossing, Sizewell C, and Heathrow Airport
- Community-focused developments such as EDAROTH and SuDS for Schools initiatives
- Long-term planning for water companies (e.g., DWMPs) and Government (Integrated Water Management Plans)
- International masterplanning and climate resilience strategies
- Reducing environmental impact through CSO spill mitigation

As a placement student, you could have the opportunity to be involved in a variety of projects.

Day to day duties could include:

- Helping in building and calibrating hydraulic models of water and wastewater networks using InfoWorks ICM, InfoWater, and NetCreate
- Supporting the team in stormwater management planning and sustainable drainage (SuDS) strategies.
- Contributing to catchment analysis and digital master planning for major developments
- Helping develop and applying digital tools using Python, Excel/VBA, and Power BI to derive insights and improve decision-making
- Collaborating with multi-disciplinary teams to identify and solve complex drainage challenges, including reducing CSO spills
- Helping in preparing technical reports and presenting findings to clients and stakeholders
- Supporting both UK and international projects with a focus on innovation and sustainability

To apply, please return to the main job specification