

## Halcrow Group Ltd

### Environmental Engineering Hydraulic Modeller Internships – 2 Opportunities

<b>Based:</b>	Birmingham, Swindon or Crawley	<b>Salary:</b>	£19,000 – 23,000 (pro rata, depending on experience)
<b>Start date:</b>	March 2008	<b>Duration:</b>	50 weeks

Halcrow specialises in the provision of professional planning, design and management services for infrastructure development worldwide. Currently ranked as one of the UK's leading consultancies, we employ over 6,500 people and generate a turnover in excess of £300 million (RMB 4,500 million). We have a well-established presence around the world, contributing to commissions in over 70 countries. From our 29 UK offices and 42 international locations, we provide consulting services to a full spectrum of private and public sector organisations including contractors, developers, financial institutions and governments. We are fully committed to ongoing development, and use our expertise to help sustain and improve the quality of people's lives.

#### Responsibilities

The successful candidate will join one of our design teams and will be responsible for;

- The hydraulic modelling of water distribution networks or wastewater sewerage systems to develop the most cost effective scheme.
- Design of water supply or wastewater civil engineering
- Co-ordination and management of schemes from conception to completion.
- The production of technical reports for your work area for discussion at internal or external meetings with clients.

#### Requirements

We are looking for strong communicators, those with good inter-personal skills and team builders who are eager to learn. Specifically you should have:

- Be studying for or have a good quality Masters (BEng) degree in either civil engineering, hydraulic engineering or environmental engineering or equivalent subject
- A keen interest in developing a career in water or wastewater engineering
- A solid understanding of the basic principles involved in water mains, sewerage and urban drainage design and the operation of modelling and analysis of networks.
- Strong IT and computer literacy skills.
- Strong report writing and presentation skills.
- Fluent reading, written and spoken English – TOEFL minimum score of 580, IELTS 6.5.
- Good interpersonal skills – including the ability to seek advice and guidance where necessary and to work independently and as part of a team.
- Demonstrated ability to take ownership of tasks and projects ensuring delivery – ability to solve complex problems and identify new solutions.
- Knowledge of one or more of the following software applications (or their equivalents): EPANet, InfoWorks WS, SYNERGEE, InfoWorks CS, Mike Urban, TufLOW, EPA SWMM

**To apply for these opportunities, please contact the China Scholarship Council**

**[www.csc.edu.cn](http://www.csc.edu.cn)**

**You will be required to complete a written application form and provide a copy of your CV in English as well as copies of your academic transcripts and TOEFL/IELTS scores.**