

RAILWAY ENGINEERING

Where will your postgraduate degree take you?

BELOW IS AN OVERVIEW OF THE KINDS OF EMPLOYMENT SECTORS, ORGANISATIONS AND PROFESSIONS THAT RECENT RAILWAY ENGINEERING POSTGRADUATES HAVE ENTERED, BASED ON RESPONSES TO 'DESTINATIONS OF LEAVERS' SURVEYS CONDUCTED SIX MONTHS AFTER GRADUATION.

Range of employment sectors

- Architectural and engineering activities and related technical consultancy
- Civil engineering
- Construction of residential and non-residential buildings
- Construction of other civil engineering projects
- Electric power generation
- Engineering activities and related technical consultancy
- Manufacture of electrical equipment
- Passenger rail transport
- Research and experimental development on natural sciences and engineering
- Support activities for petroleum and natural gas extraction
- Water collection and treatment

Range of employers

- Atkins
- BAe Systems
- Balfour Beatty Ltd
- Bombardier Transportation
- Capita Symonds
- Eiffage (construction)
- Environment Agency

- Halcrow Group Ltd (engineering consultancy)
- Mott Macdonald Group Limited
- Network Rail
- icosia Municipality (Traffic Department)
- Peter Brett Associates LLP
- Thames Water Plc
- Transport For London (TFL)
- University of Bristol

Range of occupations

- Academic Fellow
- Chemical Engineer
- Civil Engineer
- Director
- Geotechnical Engineer
- Graduate Engineer
- Graduate Water Engineer
- Head of Station Civil and Rail Engineering
- Hydrologist
- Open Pit Geologist
- Performance Improvement Analyst
- Project Engineer
- Senior Consultant
- Senior Scientist



'The main reason I have decided to undertake this course was to broaden my understanding around a specialist subject. With the skills and knowledge that this course has given me I am able to use it as a stepping stone to further develop my career.'

The railway is a fascinating and diverse industry. The course gives students a broad appreciation of the major elements and constraints throughout the modules preparing for a future in Railway Systems Engineering. The programme gives students a high level appreciation of the structure of the railway industry and the management and control of safety and risks.

I work at SNC-Lavalin Rail and Transit, where I aim to use my broad appreciation of railway systems to enhance the projects I am working on such as Crossrail 2 and HS2 in order to make the industry a more efficient and effective place.'

COLIN WILLIAMS, MSc Railway Systems Engineering and Integration alumnus