



SCIENCE

Rail science careers:

Planning and Environment
Manager

Laboratory Supervisor

Approvals Coordinator

Environmental Engineer

Land Consultant Advisor

Environmental Waste Consultant

Renewal Energy Advisor

Environment and Noise
Specialist

Environmental Compliance
Officer

Project Manager –
Environmental

Environment Science and
Protection Technician

Human Factors and
Ergonomics Specialist

Health and Safety Advisor

STEM

The Rail Academy STEM toolkit promotes Science, Technology, Engineering and Maths as a rewarding pathway to the rail industry.



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TECHNOLOGY

Rail technology careers:

Signal Maintenance Technician

**Telecommunications and
Control Systems Worker**

**Telecommunications
Network Planner**

Network Controller

Web Designer

Database Administrator

Web Developer

Cable Joints

Substation Technician

Software Developer

Information Security Analyst

Cyber Security Analyst

System Integration Specialist

**Interface and Network
Assurance**

Communication Technician

Asset Management

Rail Surveyor/Inventory

Life Cycle Management

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ENGINEERING

Rail engineering careers:

Electrical Engineer

Civil Engineer

Rail Engineer

Mechanical Engineer

Risk and Systems Safety Advisor

Project Manager

Site Engineer

Project Engineer

Construction Engineer

Rolling Stock Engineer

Signal Engineer

Surveyor

Track Engineer

Structural Engineer

Software Engineer

Telecommunications Engineer

Fleet Engineer

Project Engineers Structures

Concrete Engineer

Stabling & Station Engineer

Overhead Wiring Design Engineer

Fire Safety Engineer

**Instrument and
Monitoring Engineer**

System Interface Engineer

**Computer Network and
Systems Engineer**

**Telecommunications
Network Engineer**

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MATHS

Rail math careers:

Track Worker

Researcher

Data Scientist

Statistician

Accountant

Overhead Lineworker

Business Economics

Customer Service Assistant

Timetable Officer

Financial Analyst

Management Accountant

Surveyor

Welder

Booking Clerk

Civil Foreperson / Supervisor

Planner and Scheduler

Procurement Specialist

Graphic Designer

Cost Engineer

Mobile Plant Inspector

Operations Analyst

Financial Reporting

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