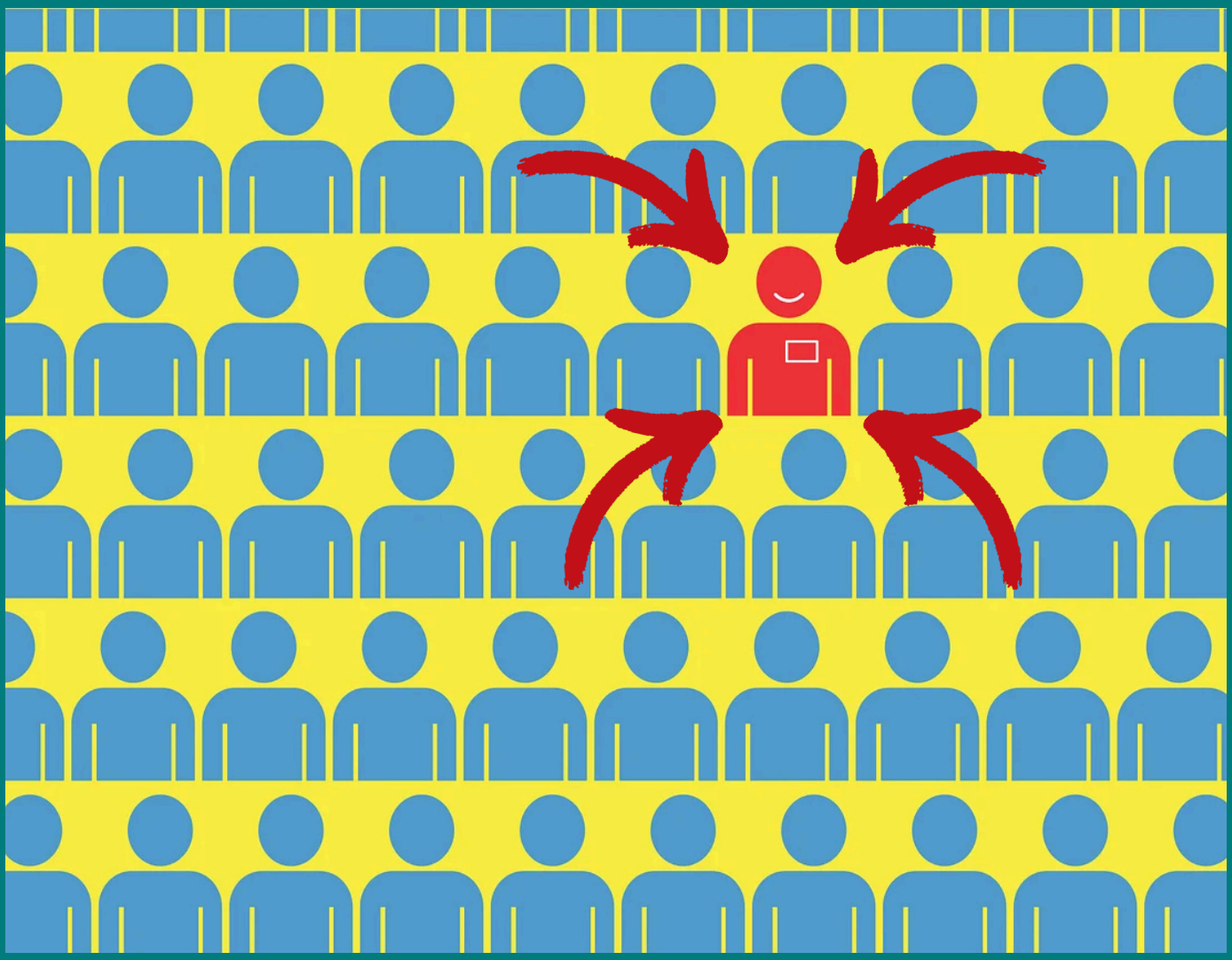
GREEN CAREERS



ANOTHER WAY

FIND YOUR PATHWAY TO A GREEN CAREER...

ANOTHER WAY
POWER OF 10

SO WHAT IS A GREEN CAREER?

A **GREEN CAREER** isn't just working in a lab or on a nature reserve. A green career is any job that focuses on sustainability: finding ways to do business, create products or provide services without depleting resources or damaging the environment. Whatever your passion is, you can create a green career!

YOU DON'T NEED "ECO" IN YOUR JOB TITLE TO HELP THE PLANET - SUSTAINABILITY IS JUST A MINDSET YOU BRING TO WORK.

Here is a few examples of how careers can **GO GREEN**:

- **TECH & GAMING:** Write energy-efficient code, build software to track endangered species or design games that teach eco habits.
- **FASHION & DESIGN:** Craft streetwear from recycled fabrics, design repairable clothing or run a circular thrifting brand.
- **EVENTS & FOOD:** Produce zero-waste music festivals powered by solar energy or run plant-based, zero-waste kitchens.
- **BUSINESS & FINANCE:** Fund clean-tech startups and map supply chains to eliminate waste and carbon emissions.

You don't have to change your interests and passions: **WHATEVER YOU ENJOY DOING, THERE IS A WAY TO MAKE IT INTO A GREEN CAREER!**



READY TO LAUNCH YOUR GREEN CAREER?

This booklet demystifies the process by breaking down the essential qualifications and skills you need. Discover how to build a career you love while actively protecting the planet!

KEY SKILLS FOR GREEN CAREERS

COMMUNICATION
Sharing ideas clearly through speaking, writing or listening well.

DIGITAL AND TECHNICAL SKILLS
Using computers, software, technology and specialised tools effectively.

EMOTIONAL INTELLIGENCE
Understanding your own feelings and empathising with others.

CRITICAL THINKING
Looking at facts and information carefully before believing or deciding on something.

NETWORKING
Meeting and building helpful connections with people in your area of interest.

LEADERSHIP
Guiding, motivating and supporting others to reach a goal together.

COLLABORATION
Working well in a team to achieve a shared goal.

CREATIVITY
Thinking outside the box to come up with fresh, original ideas.

PROBLEM-SOLVING
Figuring out smart ways to fix difficult challenges.

TIME-MANAGEMENT
Planning your time wisely so you can get things done on schedule.

HOW MANY OF THESE SKILLS DO YOU ALREADY HAVE?

HOW COULD YOU DEVELOP THESE SKILLS?

PATHWAYS TO A GREEN CAREER



AFTER YOUR GCSES you have lots of different options

- **A LEVELS**
- **APPRENTICESHIP**
- **VOCATIONAL QUALIFICATION**

ANY ONE OF THESE COULD BE THE NEXT STEP ON THE PATHWAY TO YOUR GREEN CAREER...



A LEVELS

Classroom-based courses where you study specific subjects in detail and take exams at the end, usually taken at a school or college.

Take a look at your local schools/ colleges to find out more



APPRENTICESHIPS: Pages 5-8

A work-based route where you split your time between working for an employer and studying at a college or training provider so you "earn while you learn".

findapprenticeship.service.gov.uk

CHECK OUT P 9-10



VOCATIONAL QUALIFICATION: Pages 11-14

Practical, hands-on courses (like BTECs or T-Levels) that teach you technical skills for a specific job area through projects and coursework.

https://skillsengland.education.gov.uk/qualifications/

CHECK OUT P 15-16

AFTER ONE OF THESE YOU CAN JUMP STRAIGHT INTO A CAREER OR GET YOUR NEXT QUALIFICATIONS:



DEGREE: Pages 17-20

A 3 or 4 year course studied at a university that lets you focus deeply on one subject through lectures, reading, and assignments.

https://www.ucas.com

CHECK OUT P 21-22



DEGREE APPRENTICESHIPS: Pages 23-26

A route where you work full-time for a company while studying part-time toward a funded university degree.

https://www.ucas.com/apprenticeships/degree-apprenticeships

CHECK OUT P 27-28

THIS BOOKLET IS DESIGNED TO SHOW YOU SOME OF THE OPTIONS THAT ARE OUT THERE BUT THERE ARE LOTS OF PATHWAYS TO EXPLORE! REMEMBER, YOUR JOURNEY DOESN'T HAVE TO BE A STRAIGHT LINE: IT'S NORMAL TO ADAPT AND CHANGE COURSE AS YOU GROW.

APPRENTICESHIPS





CORPORATE RESPONSIBILITY AND SUSTAINABILITY APPRENTICESHIP (LEVEL 4)

WHAT IS IT?

A 36-month program focusing on data management, research, and stakeholder engagement.

WHAT WILL I DO?

Acting as the "social conscience" of an organisation, managing social and environmental change projects such as carbon reduction or volunteering.

WHAT DO I NEED?

An interest in ethical business practices



SUSTAINABILITY ADVISOR APPRENTICESHIP (LEVEL 6)

WHAT IS IT?

Workplace-based learning focusing on tracking sustainability indicators like energy and resource usage.

WHAT WILL I DO?

Providing technical and administrative support for sustainability programs, assessing the cost-effectiveness and feasibility of green initiatives.

WHAT DO I NEED?

A level 3 qualification or relevant experience.



LEVEL 3 TRAVEL CONSULTANT APPRENTICESHIP

WHAT IS IT?

A 12-month program involving sales training, geography studies, and use of industry booking systems.

WHAT WILL I DO?

Arranging travel, booking accommodation, and handling customer enquiries for holidaymakers and business travellers.

WHAT DO I NEED?

GCSEs at Grade 4/C or above in English and Maths.



BBC CAMERA OPERATOR APPRENTICESHIP (LEVEL 3)

WHAT IS IT?

Part of the BBC "Operator" scheme - application involves online situational tests and a virtual assessment centre.

WHAT WILL I DO?

Technical training in camera operations, sound, and editing within a broadcast production environment.

WHAT DO I NEED?

Primarily aimed at non-graduates: you must be at least 18 years old.

APPRENTICESHIPS



HEATING ENGINEER APPRENTICESHIP (LEVEL 3)



WHAT IS IT?

A 48-month program including one day per week at college and at least four days of on-the-job training.

WHAT WILL I DO?

Planning, selecting, installing, and maintaining plumbing and heating systems, including environmental technologies like heat pumps and solar thermal systems.

WHAT DO I NEED?

GCSEs at Grade 4/C or above in English and Maths.

FOREST CRAFTSPERSON APPRENTICESHIP (LEVEL 3)



WHAT IS IT?

A 24-month program with an End-Point Assessment (EPA) consisting of a practical observation and a professional discussion.

WHAT WILL I DO?

Carrying out practical operations to create, maintain, and harvest forests, including ground preparation, planting, and tree felling.

WHAT DO I NEED?

Ability to work outdoors in all weathers and travel to remote sites.

CIVIL ENGINEER APPRENTICESHIP (LEVEL 6)



WHAT IS IT?

A 5-year full-time program leading to a BSc (Hons) in Civil Engineering.

WHAT WILL I DO?

Designing and managing infrastructure projects while focusing on structural engineering, geotechnics, and sustainable development.

WHAT DO I NEED?

Typical A-Level offer of ABB - and an employer to support the application.

TRAINEE SOLICITOR APPRENTICESHIP (LEVEL 7)



WHAT IS IT?

A 6-year program where 20% of the time is spent on off

WHAT WILL I DO?

A path to qualifying as a solicitor that integrates a law degree, qualifying work experience (QWE), and preparation for the SQE assessments.

WHAT DO I NEED?

Strong A level results.

FIND OUT MORE...

HEATING ENGINEER APPRENTICESHIP (LEVEL 3)

JTL Training Apprenticeships

City & Guilds Plumbing & Heating

FOREST CRAFTSPERSON APPRENTICESHIP (LEVEL 3)

Forestry England Early Careers

Plumpton College Forestry Apprenticeships

SUSTAINABILITY ADVISOR APPRENTICESHIP (LEVEL 6)

Institute for Apprenticeships & Technical Education (IfATE)

CIVIL ENGINEER APPRENTICESHIP (LEVEL 6)

ARUP Early Careers & Apprenticeships

Institute of Civil Engineers

CORPORATE RESPONSIBILITY AND SUSTAINABILITY APPRENTICESHIP (LEVEL 4)

Capgemini UK Apprenticeships

TRAINEE SOLICITOR APPRENTICESHIP (LEVEL 7)

The University of Law Solicitor Apprenticeships

BPP University Law Apprenticeships

BBC CAMERA OPERATOR APPRENTICESHIP (LEVEL 3)

BBC Early Careers Portal

LEVEL 3 TRAVEL CONSULTANT APPRENTICESHIP

TUI Careers UK

Hays Travel Apprenticeships



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VOCATIONAL QUALIFICATIONS





LANDSCAPING & HORTICULTURE WORK-BASED DIPLOMA

WHAT IS IT?

Learned at a college or training provider with practical work-based assessments.

WHAT WILL I DO?

Practical training in plant care, groundskeeping, or garden design; pathways include greenkeeping for golf courses.

WHAT DO I NEED?

4 GCSEs and current employment in the industry.



FASHION AND TEXTILES LEVEL 3 T-LEVEL

WHAT IS IT?

A 2-year technical qualification covering fashion design, manufacturing, and textile innovation.

WHAT WILL I DO?

Includes a mixture of classroom learning and a compulsory 45-day industry placement.

WHAT DO I NEED?

5 GCSEs including English and Maths at Grade 4 or above.



COUNTRYSIDE AND ENVIRONMENT DIPLOMA (LEVEL 2 CITY & GUILDS)

WHAT IS IT?

Practical experience with a training provider: covers topics like ecology and habitat management.

WHAT WILL I DO?

Developing skills for managing land, monitoring animal populations, and maintaining healthy rivers.

WHAT DO I NEED?

No previous qualifications or experience required to start.



LAND AND WILDLIFE CONSERVATION (LEVEL 2)

WHAT IS IT?

Training through an approved City & Guilds centre with practical tasks.

WHAT WILL I DO?

Foundational knowledge in conservation, vertebrate pest control, and environmental management.

WHAT DO I NEED?

Ideal for those new to the sector; can be taken under age 16.

VOCATIONAL QUALIFICATIONS



QUALIFIED ELECTRICIAN (SOLAR PHOTOVOLTAIC SYSTEMS FOCUS)



WHAT IS IT?

Completion of advanced PV training hours (e.g. 58 hour NABCEP) and OSHA safety certification.

WHAT WILL I DO?

Installation and maintenance of solar PV systems, requiring knowledge of electrical physics and safety codes.

WHAT DO I NEED?

Existing electrical qualification and experience with hand and power tools.

QUALIFIED PLUMBER



WHAT IS IT?

NVQ Level 2 provides basic training; Level 3 is required for complex unsupervised work.

WHAT WILL I DO?

Installation and maintenance of domestic hot/cold water, heating, and sanitation systems.

WHAT DO I NEED?

GCSE grades 4–9 in English and Maths.

LEVEL 3 DIPLOMA IN PROFESSIONAL COOKERY



WHAT IS IT?

Practical demonstrations, assignments, and multiple-choice exams.

WHAT WILL I DO?

Advanced techniques in food preparation, kitchen management, and menu planning.

WHAT DO I NEED?

Previous experience as a chef or completion of a Level 2 qualification.

LEVEL 3 DIPLOMA IN PERFORMANCE AND PRODUCTION ARTS



WHAT IS IT?

A 1-year full-time practical course; 60% of the course is practical performance.

WHAT WILL I DO?

Training in acting, theatre performance, voice, and movement; involves live show production.

WHAT DO I NEED?

4 GCSEs at Grade 4 or above and a practical audition.

FIND OUT MORE...

LANDSCAPING & HORTICULTURE WORK-BASED DIPLOMA

Capel Manor College London

SRUC (Scotland's Rural College)

Coleg Cambria Land-Based Training

College of Agriculture, Food and Rural Enterprise

FASHION AND TEXTILES LEVEL 3 T-LEVEL & TECHNICAL DIPLOMAS

Fashion Retail Academy T-Levels

Glasgow Kelvin College Fashion & Textiles

Belfast Metropolitan College Fashion

COUNTRYSIDE AND ENVIRONMENT DIPLOMA (LEVEL 2 CITY & GUILDS)

Sparsholt College Hampshire

SRUC Environmental Management

LAND AND WILDLIFE CONSERVATION (LEVEL 2)

Askham Bryan College Yorkshire

Borders College Land-Based Studies

QUALIFIED ELECTRICIAN (SOLAR PHOTOVOLTAIC SYSTEMS FOCUS)

Logic4training Solar PV Installer Course

Tradeskills4U Electrical Training

LEVEL 3 DIPLOMA / HND IN PROFESSIONAL COOKERY

Westminster Kingsway College Culinary School

City of Glasgow College Cookery

Belfast Metropolitan College Professional Cookery

LEVEL 3 DIPLOMA IN PERFORMANCE AND PRODUCTION ARTS

UAL Performing and Production Arts

North West Regional College (NWRC) Performing Arts

QUALIFIED PLUMBER

Able Skills Plumbing Courses

Belfast Metropolitan College Plumbing Diploma



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DEGREES



BA YOUTH, SOCIETY AND SUSTAINABLE FUTURES



WHAT IS IT?

3-year degree - core modules in global social challenges interdisciplinary foundations before specialising.

WHAT WILL I DO?

Learning youth culture, social inequality, sustainable development and public policy through research and community-based projects.

WHAT DO I NEED?

A-Levels AAB–ABB, typically including at least one essay-based social science or humanities subject.

MSC ENGINEERING (SUSTAINABLE ENERGY)



WHAT IS IT?

1-year full-time degree: core modules in sustainability and lifecycle analysis before specialising.

WHAT WILL I DO?

Learning renewable energy systems, circular economy strategies, environmental impact assessment, and clean technologies.

WHAT DO I NEED?

A 2:1 or 2:2 UK Honours degree (or international equivalent) in Engineering, Physical Sciences, Mathematics or a similar discipline.

ENVIRONMENTAL CHANGE AND SUSTAINABILITY (BIRMINGHAM)



WHAT IS IT?

3-year full-time program.

WHAT WILL I DO?

3-year BSc program - optional "Year in Environmental Sustainability" for other subjects.

WHAT DO I NEED?

A-Level offer of AAB.

TEXTILE INNOVATION AND SUSTAINABILITY (LEEDS)



WHAT IS IT?

3-year BSc program; includes modules on digital design and healthcare materials.

WHAT WILL I DO?

Sustainable manufacturing, product development, and global fashion supply chains.

WHAT DO I NEED?

A-Level offer of ABB.

DEGREES



BA JOURNALISM (CARDIFF)



WHAT IS IT?

3-year full-time program with pathways in media and communications.

WHAT WILL I DO?

Exploring media scholarship, news-making, and digital culture.

WHAT DO I NEED?

A-Level grades AAB–BBB.

MSC IN CLINICAL PSYCHOLOGY (PLYMOUTH)



WHAT IS IT?

A conversion course providing a background in major psychological approaches like cognitive and social psychology.

WHAT WILL I DO?

A conversion course providing a background in major psychological approaches like cognitive and social psychology.

WHAT DO I NEED?

An honours degree (at least 2:2) in any subject.

BA FINE ARTS (FALMOUTH)



WHAT IS IT?

3-year BA (Hons) program with an interview and portfolio review.

WHAT WILL I DO?

Portfolio-based study in creative arts with access to industry connections.

WHAT DO I NEED?

Minimum 64 UCAS Tariff points with a portfolio.

BA EVENTS MANAGEMENT (BRIGHTON)



WHAT IS IT?

3-year degree; shared core modules in Year 1 before specialising.

WHAT WILL I DO?

Learning business principles, marketing, and event design.

WHAT DO I NEED?

A-Levels BBB–BCC: UCAS Tariff 104–120 points.

FIND OUT MORE...

MSC IN CLINICAL PSYCHOLOGY

University of Plymouth Clinical Psychology MSc

Swansea University Clinical Psychology MSc

UCAS Clinical Psychology

BA FINE ARTS

Falmouth University BA Fine Art

University of the Arts London - Fine Art

UCAS - Fine Art

BA EVENTS MANAGEMENT

University of Brighton Events Management BA

Events Management - University of Chester

UCAS Event Management

BA JOURNALISM

Cardiff University BA Journalism

Journalism - BA (Hons) University of Sunderland



MSC ENGINEERING (SUSTAINABLE ENERGY)

Teeside University

University of Bristol

UCAS Engineering (Sustainable Energy)

YOUTH, SOCIETY AND SUSTAINABLE FUTURES

University College London

ENVIRONMENTAL CHANGE AND SUSTAINABILITY

University of Birmingham Environmental Change

TEXTILE INNOVATION AND SUSTAINABILITY

University of Leeds Textile Innovation BSc

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DEGREE APPRENTICESHIPS



ENERGY MANAGEMENT



WHAT IS IT?

Level 6 program covering electrical power systems, grid connectivity, and energy reduction.

WHAT WILL I DO?

Supporting organizations to meet cost reduction goals within a sustainability framework.

WHAT DO I NEED?

Typically requires GCSE English Grade B and A-Levels in Maths/ Science.

ENVIRONMENTAL PRACTITIONER



WHAT IS IT?

Working across departments to provide environmental expertise and ensure compliance with relevant policies.

WHAT WILL I DO?

Focusing on water-edge projects, drainage systems, and habitat creation within civil engineering.

WHAT DO I NEED?

Must be living in England and not in full-time education.

ENVIRONMENTAL CONSULTATION



WHAT IS IT?

Integrated learning leading to roles like Ecologist or Environmental Consultant.

WHAT WILL I DO?

Assessing biodiversity impacts, protecting ecosystems, and designing developments that preserve habitats.

WHAT DO I NEED?

Employer support and relevant science A-Levels.

TRANSPORT PLANNING



WHAT IS IT?

Level 6 integrated degree program combining planning theory with workplace practice.

WHAT WILL I DO?

Designing sustainable transport systems and promoting walking, cycling, and public transport.

WHAT DO I NEED?

120 UCAS Tariff points and employment in a planning-focused role.

DEGREE APPRENTICESHIPS



SUSTAINABILITY BUSINESS SPECIALIST



WHAT IS IT?

Aligned with the Institute of Environmental Management and Assessment (IEMA).

WHAT WILL I DO?

Developing organizational sustainability strategies and collaborating with external stakeholders like NGOs.

WHAT DO I NEED?

Professional experience or relevant Level 6 qualifications.

CIVIL ENGINEERING (RIVER AND COASTLINE RESILIENCE)



WHAT IS IT?

Integrated BSc degree with on-the-job training in environmental resilience groups.

WHAT WILL I DO?

Focusing on water-edge projects, drainage systems, and habitat creation within civil engineering.

WHAT DO I NEED?

Employment with a company like the Environment Agency and A-Level ABB.

LEVEL 7 SOIL SCIENTIST APPRENTICESHIP



WHAT IS IT?

A 24-month program aligning with professional recognition from the British Society of Soil Science.

WHAT WILL I DO?

Analysing soil chemistry and physics to support land management, agriculture, and environmental protection.

WHAT DO I NEED?

Ability to work outdoors in all weathers and travel to remote sites.

ARCHITECTURE APPRENTICESHIP (LEVEL 6 & 7)



WHAT IS IT?

A 4-year (Level 6) or further (Level 7) integrated degree program combining studio work and professional practice.

WHAT WILL I DO?

Planning, selecting, installing, and maintaining plumbing and heating systems, including environmental technologies like heat pumps and solar thermal systems.

WHAT DO I NEED?

120–128 UCAS Tariff points for Level 6

FIND OUT MORE...

SUSTAINABILITY BUSINESS SPECIALIST

UWL Sustainability Business Specialist

Cranfield Sustainability Business Specialist Apprenticeship

CIVIL ENGINEERING (RIVER AND COASTLINE RESILIENCE)

Royal Haskoning DHV UK

ICE Civil Engineering

TRANSPORT PLANNING

Transport for London (TfL) Apprenticeships

Aston University Transport Degree Apprenticeships

ENVIRONMENTAL CONSULTATION

AECOM Early Careers Portal

WSP UK Degree Apprenticeships

ENERGY MANAGEMENT

National Grid Early Careers

ENVIRONMENTAL PRACTITIONER

Keele University Environmental Degree Apprenticeships

United Utilities Apprenticeship Scheme

ARCHITECTURE APPRENTICESHIP (LEVEL 6 & 7)

University of Portsmouth Architecture Degree Apprenticeship

LEVEL 7 SOIL SCIENTIST APPRENTICESHIP

Cranfield University Soil Science

British Society of Soil Science Opportunities



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