

Geography is where the social and natural sciences meet, exploring human and physical features of the world. Skills include analysis, organisation and critical thinking, all useful transferable skills.

Earth Observation (EO) Scientist

You'll use data from satellites to identify changes in the Earth's environment, from the expansion of cities to natural disasters. This job is becoming increasingly important as we tackle the climate crisis and the government is investing in the latest EO technology. There is the potential for 100,000 new jobs to be created in this industry by 2030 as the UK reduces carbon emissions. You'll analyse images and other data to understand how human activity is impacting the environment.

Urban Grower

As the global population continues to increase exponentially, countries around the world are struggling to find space for people to live and most importantly grow enough food to meet this increasing demand. As an Urban Grower, you'll explore alternative locations and develop new techniques such as vertical farming, hydroponics and underground farming to meet this demand. One study predicts that as much as 10% of the world's output of vegetables and pulses could come from urban farms by 2050. Adapting agricultural techniques globally and developing new methods are going to become increasingly vital challenges to solve everywhere on Earth.

How will the most popular industries for Geography graduates change?

Business - Scarce natural resources and changing human traffic flows have implications for business. Geographers will be essential to helping humanity make the transition to greener energy.

Marketing, PR and Sales - Understanding changes in human geography are vital for commercial success.



'Preparing students for a lifetime of employability'



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careers@horizoncc.co.uk

GEOGRAPHY

5 work skills that Geography will give you:



Team working

You'll work with your classmates to collect data for investigations in human and physical geography. You'll also work on group projects, where you'll need to listen to different ideas and points of view before agreeing on your eventual findings.



Data Analysis

When you're studying Geography, you'll gather data from a range of sources. This might be numerical or spatial data, crowd sourced data or factual texts. You need to take this information and analyse it, usually in the context of a specific issue.



Research

You'll carry out primary research, as well as using your research skills to find relevant literature to support your theories. You'll need to gather information from different sources and present it clearly.



Critical Thinking

It's not enough to just accept the information presented to you. You need to think about where it has come from and what implications that has. Is it reliable or biased? Could there be errors? You need to explain all of this when you're drawing conclusions about different scenarios.



Information Technology

You'll use many tools to collect, store and process data, presenting it in a form that's easy to understand. You'll learn about computer modelling and electronic databases. You'll also use IT to produce a range of diagrams, graphs and maps.

Where can Geography take you?

Travel & Transport jobs:

- Air Traffic Controller
- Foreign/Travel Writer
- Freight Forwarder
- Logistics & Distribution Manager
- Transport Planner
- Travel Consultant
- Navigator (Naval)
- Pilot
- Tourism Officer

Scientific jobs:

- Climatologist
- Environmental Scientist
- Geographical Information Systems Officer
- Hydrologist
- Meteorologist
- Geo-technologist
- Renewable Energy Researcher

Environmental jobs:

- Commercial Surveyor
- Residential Surveyor
- Countryside Officer
- Farm/Estate Manager
- Nature Conservationist
- Plan & Development Surveyor
- Cartographer
- Ecologist
- Farm/Estate Manager
- Town Planner
- Oceanographer
- Recycling Officer

Other related jobs:

- Geography Teacher
- International Aid
- Development Worker
- Market Researcher

Future of Job Facts:



Education

Primary school and Nursery Teachers have one of the highest rates of job satisfaction in the UK. There are more than **450,000** teachers working across the UK.



Public Sector

The public sector — which includes NHS hospitals, state schools, local councils and the police — employs more than **five million** people across the UK. That's over 17% of the workforce.



Agriculture

This sector employs over **350,000** people across the UK. Although core agricultural roles are expected to drop by 2030, many new jobs will be created in 'Agri-tech'.



Science & Research

Between 2016 and 2023, jobs in science and research will grow at twice the rate of other industries, creating **142,000** new jobs. One in every six jobs will be in science and research.



Consultancy

In the future, consultants with skills and knowledge in IT and Technology, Data Analysis, Digital Marketing and Cyber Security will be in demand.



Energy & Utilities

Today, about **500,000** people work in the energy sector. But with the demand for green energy growing, by 2020 half a million people could be working in renewable' alone.