

# Geoscientist

Geoscientists study the Earth's structure and formation, and analyse rocks to explore its natural mineral and energy resources.

Average salary (a year)



£28,000

£42,000

Starter

Experienced

Typical hours (a week)



39 to 41

variable

You could work



evenings / weekends /  
bank holidays  
away from home

## Different routes to get this job

(check the website for entry requirements)

- a university course
- an apprenticeship

## Day-to-day tasks

In the field you could:

- travel to investigate rocks in their natural setting
- assess the ground for suitability on engineering projects like dam or tunnel building
- sample rocks and record information to search for energy resources and minerals, like water, gas and oil
- study volcanic and seismic activity to develop early warning systems for communities living close to earthquake zones
- supervise site teams
- advise on suitable sites for landfill or storage of nuclear waste

In the laboratory you could:

- use a microscope to study rock samples
- test for things like strength or pollution levels
- use software modelling programmes
- analyse data and write reports

## Skills and knowledge

You'll need:

- maths knowledge
- knowledge of geography
- analytical thinking skills
- excellent verbal communication skills
- knowledge of engineering science and technology
- knowledge of physics
- knowledge of chemistry including the safe use and disposal of chemicals
- the ability to come up with new ways of doing things
- to have a thorough understanding of computer systems and applications

Regularly check Teams channel "[Careers advice for students](#)"