# **Job title: Geoscientist**

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| **Job title: Geoscientist**Geologist  | Geoscientists study the Earth's structure and formation, and analyse rocks to explore its natural mineral and energy resources. |
| **Entry requirements:**  | **University:**To work as a professional geoscientist you'll need a degree in a relevant subject. Courses often combine theory with fieldwork and practical training. Degree subjects include:* geology
* geoscience
* geophysics
* Earth science

It's becoming more common for new entrants to hold or be working towards postgraduate qualifications like an MSc or PhD. Integrated postgraduate master's qualifications like a MGeol or MSci can be studied at university. These courses include more independent research and are designed to lead directly onto further study like a PhD.You'll usually need:* 5 GCSEs at grades 9 to 4 (A\* to C), including English, maths and a science
* 2 or 3 A levels, including a science, for a degree
* a degree in a relevant subject for postgraduate study
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| **Skills required:**  | 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 be able to use a computer and the main software packages competently
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| **What you'll do:**  | Your day-to-day tasks may include:* 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 be able to use a computer and the main software packages competently
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| **What you’ll earn:**  | £22,000 Starter *to* £75,000 Experienced |
| **Working hours, patterns and environment:** | * 39-41 hours per week
* You could work evenings / weekends / bank holidays away from home
* You could work in a laboratory, on a rig or in an office.
* Your working environment may be you'll travel often, physically demanding and outdoors in all weathers.
* You may need to wear protective clothing.
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| **Career path and progression:** | With experience, you could progress towards a consultant position, or move into teaching or management.  |

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