# **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 |
| **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 |
| **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 |
| **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. |
| **Career path and progression:** | With experience, you could progress towards a consultant position, or move into teaching or management. |

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