# **Image result for acoustics consultant imagesJob title: Acoustics Consultant**

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| **Job title: Acoustics consultant**Acoustician, acoustics engineer | Acoustics consultants help manage and control noise and vibrations in homes, workplaces and other environments. |
| **Entry requirements:**  | **University:**Most employers will expect you to have a degree in:* acoustics
* maths
* physics
* engineering

You could also do a degree in music technology or environmental science then take further training, like the [Diploma in Acoustics and Noise Control](https://www.ioa.org.uk/education-training/diploma-acoustics-and-noise-control), offered by the Institute of Acoustics.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 maths and physics

**Apprenticeship:**You could start by doing an acoustics technician higher apprenticeship, then take further training to become an engineering consultant.To do this apprenticeship, you'll need:* A levels or equivalent qualifications, including maths and science

**Work:**You may be able to start work as an assistant or trainee technician and, with further training, qualify as an engineer or consultant. You'll normally need at least 4 GCSEs at grades 9 to 4 (A\* to C), including two science subjects. A levels or equivalent, like applied science, may be acceptable. Employers may also consider relevant work experience like non-destructive testing, if you do not have academic qualifications. |
| **Skills required:**  | You'll need:* to be thorough and pay attention to detail
* knowledge of computer operating systems, hardware and software
* the ability to work well with others
* knowledge of engineering science and technology
* the ability to accept criticism and work well under pressure
* to be flexible and open to change
* customer service skills
* knowledge of media production and communication
* to be able to use a computer and the main software packages confidently
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| **What you'll do:**  | Your day-to-day duties could include:* carrying out noise assessments on buildings to make sure they meet building regulations
* checking noise levels are within legal limits
* testing how changes to a building’s design affects sound levels and quality
* using computers to find ways of reducing machinery noise and vibration in the workplace
* giving specialist advice in legal cases
* exploring how sound vibrations affect machinery and structures
* designing and working with recording studio and broadcast sound equipment
* designing medical equipment, like ultrasound, to help doctors diagnose and treat patients
* producing reports, sharing your findings and making recommendations for action
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| **What you’ll earn:**  | £18,000 Starter to £50,000 Experienced |
| **Working hours, patterns and environment:** | * 38-41 hours per week
* You could work evenings/weekends away from home
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| **Career path and progression:** | You could become a project leader, managing the design and development of new products. You might also specialise in a particular area, for example architectural, medical or underwater acoustics technology.With experience, you could become a senior acoustics engineering consultant and register for chartered status through the Institute of Acoustics. |