# **[Image result for acoustics consultant images](https://www.bing.com/images/search?view=detailV2&ccid=gJ2gIWJC&id=881116B5417E307C797055179447E2B721669E4F&thid=OIP.gJ2gIWJCf893qw9G9BYkzwHaDt&mediaurl=https%3a%2f%2fwww.soundtesting.co.uk%2fwp-content%2fuploads%2f2017%2f04%2fMartin-Hamer-Achieves-Masters-1-900x450.jpg&exph=450&expw=900&q=acoustics+consultant+images&simid=608048530910086378&selectedIndex=6&adlt=strict)Job 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 |
| **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 |
| **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 |
| **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. |