


School of Music

FACULTY OF ARTS, HUMANITIES AND CULTURES



UNIVERSITY OF LEEDS



BSc Music, Multimedia and Electronics (UCAS Code WGH4)

This unique course pairs electronic engineering with music technology, and is run jointly between the Schools of Music, and Electronic and Electrical Engineering. You'll design and build music technology, create electronic music using technology, and research and write about music technology. The course provides the perfect opportunity for you to develop your skills in electronic engineering and creative music technology, while deepening your understanding of the scientific, artistic, historic, and socio-cultural dimensions of music technology. The course provides you with the knowledge and skills to pursue a range of careers in areas such as digital media, software programming, audio and consumer electronics, broadcasting, studio engineering, music editing and production, as well as in research, teaching, and the creative industries.

**ELECTRONIC ENGINEERING,
CREATIVE PRACTICE AND
CUTTING EDGE RESEARCH
AT THE INTERSECTION OF
MUSIC AND TECHNOLOGY**

Level 1 focuses on fundamental theory and practical skills as relevant to sound, technology and music. As well as analysing and designing circuits, you'll learn about communications networks and signals, digital electronics and microcontrollers, and engineering mathematics. You'll receive training to help you research and write about music, as well as creating your own electronic music.

At Level 2, you'll begin to develop a broader perspective on music technology in its scientific, creative, and socio-cultural dimensions. As well as learning about audio signal processing, you'll undertake focused projects in embedded systems and mobile applications. You'll develop skills in the creative application of music technologies, and deepen your critical understanding of the relationships between technology and musical practice.

At Level 3, you'll devise your own individual and group projects that combine engineering, research, and creative applications of music technology. As well as studying digital media engineering and embedded systems, you will develop your individual project work in the medium of your choice: as a portfolio of compositions, as an applied project in creative music technology, or as an extended piece of written work (dissertation).



BSc Music, Multimedia and Electronics

This course is an ideal choice for aspiring electronic engineers with an interest in music, or for electronic musicians looking to advance their electronic engineering skills.

You'll benefit from tuition by world-leading researchers in sonic arts, digital electronics and electroacoustic music studies, and have access to advanced facilities including state-of-the-art recording and electronic music production studios in the School of Music, and dedicated acoustics and digital media laboratories in the School of Electronic and Electrical Engineering.

The course is accredited by the Institution of Engineering and Technology (IET)

"This unique course equips you with a diverse set of skills, from analogue circuitry and programming to music technology and research, allowing for specialisation in specific fields. The most interesting projects I have worked on have been those which have integrated the electronics with musical design. This includes the mobile applications module where I designed an iPhone application which acted as a musical interface."

Helena Bisby

BSc Music, Multimedia and Electronics

Entry requirements

A-level: AAB including Mathematics and/or Music Technology. Normally students will have studied Music, but if you have not, you should demonstrate some level of musical experience such as practical or theory examinations, or equivalent.

Where an A-Level Science subject is taken, we require a pass in the practical science element, alongside the achievement of the A-Level at the stated grade.

Study abroad and work placements

During your second year you'll be able to apply to transfer to our BSc Music, Multimedia and Electronics (International) programme. This allows you to extend your degree by a year and spend your third year studying at one of our many partner universities worldwide. You could also apply for a Year in Enterprise.

You might choose to do an Industrial year through one of the many existing placement providers. On successful completion, you will be awarded the 'industrial' variant in your degree title to demonstrate your unique expertise to future employers. Students who choose to take the Work Placement year in Music also have the chance to create their own placements.

These are great opportunities to enhance your CV and gain experience. In addition to being a highlight of your degree, it can give you real confidence in a competitive job market.

Important Information

Information provided by the University such as in presentations, University brochures and the University website, is accurate at the time of first disclosure. However, courses, University services and content of publications remain subject to change. Changes may be necessary to comply with the requirements of accrediting bodies or to keep courses contemporary through updating practices or areas of study. Circumstances may arise outside the reasonable control of the University, leading to required changes. Such circumstances include, industrial action, unexpected student numbers, significant staff illness (where a course is reliant upon a person's expertise), unexpected lack of funding, severe weather, fire, civil disorder, political unrest, government restrictions and serious concern with regard to the transmission of serious illness making a course unsafe to deliver. After a student has taken up a place with the University, the University will look to give early notification of any changes and try to minimise their impact, offering suitable alternative arrangements or forms of compensation where it believes there is a fair case to do so. Offers of a place to study at the University will provide up to date information on courses. The latest key information on courses, entry requirements and fees can be found at www.leeds.ac.uk/courses. Please check this website before making any decisions.