

Msc / PGDip / PGCert

ENVIRONMENTAL ACOUSTICS



University of
Salford
MANCHESTER

There is a growing need for engineers who can control and mitigate noise and its effects on our wellbeing. This course is designed to provide you with the knowledge and skills to develop a career in environmental acoustic management.

MSc Environmental Acoustics is recommended for numerate science or technology graduates seeking to refine their skills and experienced professionals looking to enhance their career in acoustic and audio consultancy practice or research.

COURSE DELIVERY

The course is available in flexible study formats, including full and part-time pathways, delivered on campus or via distance learning. This course comprises eight 15 credit taught modules, followed by a 60 credit dissertation project.

Featured modules:

- / Principles of Acoustics and Vibration
- / Loudspeakers and Microphones
- / Room Acoustics
- / Noise Control
- / Psychoacoustics
- / Computer Simulation for Acoustics
- / Measurement, Analysis and Assessment
- / Environmental Noise Measurement
- / Research Project



COURSE EXPERIENCE

- / Take an in-depth analytical review of acoustic engineering and environmental noise control
- / Explore architectural acoustics, psychoacoustics, dynamics and vibration, computer modelling and measurement
- / Develop practical skills in our world-class acoustic and audio test facilities, which include an anechoic chamber, two semi-anechoic chambers, transmission suite, reverberation chambers, an ITU standard listening room, audiometric test facilities, plus advanced instrumentation and equipment
- / Learn alongside world-class researchers and benefit from long-standing connections with industrial partners across Europe

CAREER PROSPECTS

MSc Environmental Acoustics is a gateway to future career roles managing noise and sound in the built and natural environment. Since acousticians with engineering, science and mathematical skills are in short supply, you'll be in a strong position to build a career once you've graduated. Many of Salford's acoustics alumni now work in practice, research and development, and design roles at leading companies, such as Apple, Dolby the BBC and almost every major acoustics consultancy in the world.





CONTACT US

Programme Leader

Jonathan Hargreaves

J.A.Hargreaves@salford.ac.uk

Course enquiries

enquiries@salford.ac.uk

0161 295 4545

MSC ENVIRONMENTAL ACOUSTICS

Start Date: September

Duration: One year full-time, up to three years part-time

Location: Peel Park campus

Entry Requirements:

Applicants should possess at least a UK second-class honours degree (2:2) in numerate engineering or a scientific discipline, with a significant grounding in engineering mathematics.

We also accept applicants who may not have formal/traditional entry criteria but who have relevant experience, through our Accreditation of Prior Learning (APL) scheme.

International applicants must demonstrate proficiency in English through an IELTS score of 6.0 (and no element below 5.5).