

COURSE DETAIL

ARCHITECTURAL ACOUSTICS AND SPATIAL SOUND

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Music Architecture

UCEAP Course Number

111

UCEAP Course Suffix**UCEAP Official Title**

ARCHITECTURAL ACOUSTICS AND SPATIAL SOUND

UCEAP Transcript Title

ACOUSTICS & SOUND

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course provides a broad foundation in architectural acoustics and the human perception of sound ("psychological acoustics", or "psychoacoustics"), that may be grasped by students from a range of backgrounds. The course brings these subjects together through both theoretical study and a range of practical applications. For example, students explore how the principles of architectural and psychological acoustics have recently come together to drive a revolution in the world of augmented (AR) and virtual reality (VR) systems. This course provides a broad foundation in both architectural and psychological acoustics that combines aspects of acoustics, architecture, engineering, informatics, and music. Whether you are a student of one of these subjects or not, the only formal requirement is that you should have achieved a good pass in mathematics at Higher/A-Level.

Language(s) of Instruction

English

Host Institution Course Number

MUSI08079

Host Institution Course Title

ARCHITECTURAL ACOUSTICS AND SPATIAL SOUND

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Music

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