COURSE DETAIL

CREATIVE CODING FOR 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
UCEAP Course Number 112
UCEAP Course Suffix
UCEAP Official Title CREATIVE CODING FOR SOUND
UCEAP Transcript Title CODING FOR SOUND
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

This course allows students to explore sound-based interaction methods in the context of new music, live performance, sound installation, and design by looking at creative approaches to using computers and code. Lectures cover a range of areas based on the development of interactive software systems for manipulating, sampling and synthesizing sound in real-time. Students investigate these aspects and apply them through coding their own projects in relation to areas such as interactive sound design, digital musical instrument design, data sonification, sound therapy, algorithmic composition, and audio- visual installation and performance. Projects are developed using an accessible software programming language such as Max.

Language(s) of Instruction
English

Host Institution Course Number
MUSI10100

Host Institution Course Title
CREATIVE CODING FOR SOUND

Host Institution Course Details
http://www.drps.ed.ac.uk/22-23/dpt/cxmusi10100.htm

Host Institution Campus
University of Edinburgh

Host Institution Faculty
Edinburgh College of Art

Host Institution Degree

Host Institution Department

Course Last Reviewed
2022-2023

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