COURSE DETAIL

MUSIC AND TECHNOSCIENCE: CULTURAL AND HISTORICAL PERSPECTIVES

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
106

UCEAP Course Suffix

UCEAP Official Title
MUSIC AND TECHNOSCIENCE: CULTURAL AND HISTORICAL PERSPECTIVES

UCEAP Transcript Title
MUSIC&TECHNOSCIENCE

UCEAP Quarter Units
8.00

UCEAP Semester Units

5.30

Course Description
The ongoing interaction between music, the sciences, and engineering is emerging as a major concern in 21st century musicology and sound studies. In this course, students survey this new body of literature, covering topics from the renaissance to the present day, in order to understand why this interaction matters, and how it can inform our understanding of musical materials and musical ideas. The course examines some of the ways that music has been treated as an object of scientific study, as well as the ways that music has been used by scientists and engineers to understand other aspects of nature, culture, and society. It also assesses the degree to which science and engineering have contributed to the progress of musical aesthetics. Using case studies from the history of music, musical instruments, and musicology it also introduces key concepts in the philosophy and sociology of modern science.

Language(s) of Instruction
English

Host Institution Course Number
MUSI10096

Host Institution Course Title
MUSIC AND TECHNOSCIENCE: CULTURAL AND HISTORICAL PERSPECTIVES

Host Institution Course Details

Host Institution Campus
Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
Music

Course Last Reviewed

Print