Nebraska Wesleyan University

PHYS 1500 Musical Acoustics

Catalog

2021-2022

Course Description

The course includes a study of vibrating systems, waves and wave propagation, resonance, intensity and loudness levels of musical sounds, tone quality, frequency and pitch, interval scales, tuning and temperament. Room acoustics and the production of musical sounds by various musical instruments will be studied.
Three lectures per week. One laboratory per week.

Archway Curriculum: Foundational Literacies: Scientific Investigations: Natural Science Laboratory

Course Hours

4 hours

Departments

1. Physics