

# PHYS-140 : The Physics of Music

This course is a set of lectures and active-learning activities that explore the physics of sounds and music. Topics covered include propagation and energy of sound waves, frequency and wavelength, harmonics and overtones, perception of sound intensity, how various musical instruments produce different sounds, and standing waves in different media.

**Credits** 3

**Prerequisites**

[MATH-110](#) or [MATH-118](#)

**Term Offered**

May Term

**Session Cycle**

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