



Haverford College
Department of Music

MUSIC 255

ENCODING MUSIC: DIGITAL APPROACHES TO SCORES AND SOUND

Fall 2022

M/W 2:30-4:00 + Lab TBD

How do we represent music, in all its forms, from concept to practice? What sorts of systems have humans devised to learn, transmit, and preserve music? How have we collected and categorized music, in all its richness? And what might these activities look like in an era of ubiquitous data?

In this course musicians and computer scientists will team up to explore two key dimensions of the digital revolution for music: data about music, and music as data.

Prerequisites: This course is open to students interested in music, computer science or data science. Some previous coursework or experience with either (but not both) would be good preparation for this course.

This course counts towards the **Major or Minor in Music at Haverford**, or the **Data Science Minor at Bryn Mawr College**

This course fulfills either **Domain A** or **Domain C** of the Haverford College General Education Requirements

This course fulfills the **Quantitative/Symbolic Reasoning Requirement** at Haverford College

