

MUSIC THEORY & ANALYSIS (MTA)

MTA 301 - INSTRUMENTATION/ORCHESTRATION

Study of orchestral instruments, their characteristics and technical capabilities. Analysis of traditional and contemporary orchestral and chamber music; orchestral techniques. Readings of students' orchestrations in class.

Credits: 3

Prerequisites: MUSC 222A and MUSC 222B and MUSC 222C

MTA 302 - ADVANCED ORCHESTRATION

Scoring for various ensembles; emphasis on larger groups. Study of representative contemporary scores.

Credits: 3

Prerequisites: MTA 301

MTA 304 - POLYPHONY ON THE PAGE AND STAGE

This course focuses a pragmatic lens on the application of contrapuntal principles to the successful analysis, composition, and performance of music across a wide variety of styles and eras, spanning early music to contemporary.

Credits: 2

Prerequisites: MUSC 221

MTA 305 - RHYTHM, METER, FORM, AND GENRE

Exploration of advanced theoretical concepts of Rhythm, Meter, Form, and Genre for undergraduate students. Provides tools for thinking about form in analytical settings.

Credits: 3

Prerequisites: ENG 102 and MUSC 221

MTA 325 - INTRO ELECTROACOUSTIC MUSIC

Introduction to music and sonic-art created through the means of electronics and computers. The history and theory of electro-acoustic music, musical acoustics, psychoacoustics, digital audio theory, digital signal processing. Development of listening skills. The main focus is on students' personal creative projects; students will complete one fixed electronic music project and several assignments on Max/MSP.

Credits: 3

Prerequisites: MUSC 222A and MUSC 222B

MTA 326 - ELECTROACOUSTIC MUSIC II

Continuation of MTA 325. This class focuses on electro-acoustic music composition in fixed media with one instrument, and a brief introduction to live electronics with one instrument and digital video art using Max/MSP/Jitter. This class is offered in conjunction with the biennial Electro-Acoustic Music Festival where all students' works will be featured as well as works by guest composers.

Credits: 3

Prerequisites: MUSC 222A and MUSC 222B and MUSC 222C and MTA 325

MTA 351 - SPECIAL TOPIC SEMINAR IN MUSIC THEORY

An upper-level, undergraduate seminar on a rotating music theory topic related to the routine research and creative activity of the instructor.

Credits: 3

Prerequisites: MUSC 221

MTA 397 - SPECIAL TOPICS

Enrollment in graduate level coursework. Requires permission of Academic Music Studies Dept. Topics vary by semester.

Credits: 3