

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 - COUNTERPOINT

Study of contrapuntal practice, forms, and techniques through readings, analysis, and original compositions.

Credits: 3

Prerequisites: MUSC 222A and MUSC 222B

MTA 305 - FORM AND ANALYSIS

Forms, structures, and styles of selected works from 18th through the 20th century. Emphasis on the origins and evolution of organizational approaches and an introduction to current trends in music theory.

Credits: 3

Prerequisites: MUSC 222A and MUSC 222B and ENG 102

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 397 - SPECIAL TOPICS

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

Credits: 3