

MUSIC (MUSIC-UH)

MUSIC-UH 1001 Music Theory & Analysis I (4 Credits)

Typically offered Fall

This course provides an intensive introduction to music theory: the study of common elements and organizing principles in music, supported by analysis of specific musical examples. This includes constructs that are utilized every day by practicing musicians: intervals, keys, scales, modes, chord progressions, rhythms, meters, and forms, among others. Aural skills and fluency with musical notation are developed throughout the course. Modal practices are examined through diverse traditions including the Arab Maqam system, modal jazz/pop/rock, and choral music of the European Renaissance, leading to a detailed study of melody, harmony, and counterpoint in diatonic tonal music. The repertoire is drawn from both "classical" (Common Practice Period) music and more recent examples of tonality, including popular music. Regular projects in directed composition and analysis provide hands-on engagement with theoretical concepts, while frequent reading and listening assignments place techniques in historical context, introducing significant composers and performers. Weekly lab sections are devoted to skills in musicianship: listening, sight-singing, dictation, and basic keyboard skills.

Grading: Ugrd Abu Dhabi Graded

Repeatable for additional credit: No

- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music
- Bulletin Categories: Sound Music Computing Minor: Music Electives
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Sound Music Computing

MUSIC-UH 1002 Music Technology Fundamentals (4 Credits)

Typically offered Fall

This course is designed for anyone interested in producing music on computer using virtual instruments, samples and microphones. Regardless of style, this course provides an overview of the wide range of tools available to the modern music production. This is an "all-in-one" course for (almost) everything related to music technology, the basics of digital audio, physics of sound, music recording, binaural audio, musical acoustics, signal flow, sound synthesis, music production, game audio, post-production and mixing. Students will also study the elements of production design, composition, song form, and how to arrange, edit, build and shape a song using different D.A.Ws. In this course students will also learn the fundamentals of digital audio, studio and location recording, mixing, MIDI sequencing using Logic Pro X, Pro Tools 12, Ableton Live, music production, and audio programming using Max. Students will be briefly introduced to a wide-range of applications (and careers) in music technology.

Grading: Ugrd Abu Dhabi Graded

Repeatable for additional credit: No

- Bulletin Categories: Digital Arts Humanities Minor: Electives
- Bulletin Categories: Interactive Media:Media Design Thinking Elective
- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music
- Bulletin Categories: Sound Music Computing Minor: Required
- Crosslisted with: Digital Arts Humanities
- Crosslisted with: Interactive Media Minor: Required
- Crosslisted with: Interactive Media
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Sound Music Computing

MUSIC-UH 1003 Making Music (4 Credits)

Typically offered Spring

This course will introduce students to a foundational level of knowledge of music composition by producing work across a wide variety of different genres, styles, media and aesthetic traditions. Departing from an approach that looks at different musical systems, the course will guide students through different ways of organizing musical discourse. The emphasis will be on the practical creation of music using different approaches including improvisation and electronics, besides the more traditional paper composition. Students will be actively encouraged to perform their work, and to present other performances, including planned and free improvisation, approaches to the interpretation of contemporary music, installation work, graphic scores and other non-standard notations, as appropriate.

Grading: Ugrd Abu Dhabi Graded

Repeatable for additional credit: No

- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music

MUSIC-UH 1004 Music: Histories and Historiography 1 (4 Credits)*Typically offered Spring*

This course introduces students to readings and lectures on current topics in the fields of music studies and musicology with a focus on historiography, which is the study of the way history has been written. Within this broad framework, the course will engage with the study of music and its history under a number of different guises, including the historical study of music, addressing both research methodologies as well as the historical narratives used to tell the different "stories" about music history. While the course is organized thematically - providing an examination of music at its intersection with issues related to gender and sexuality, social justice and conflict, race, popular music, as well as media and technology - it is structured historically, providing a forum for an examination of music and musical practices across a wide range of historical and cultural situations from ancient times to the present. Engaging with diverse readings, this course provides a broad critical framework for the exploration of the field of music studies as a discipline that integrates the central concerns of different approaches to musicological and historical research.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Heritage Studies: Mgt Research Methods Electives
- Bulletin Categories: History: Global Thematic Electives
- Bulletin Categories: History: Pre-1800
- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music
- Crosslisted with: Heritage Studies
- Crosslisted with: History: Major Required
- Crosslisted with: History
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1005 Anthropology of Music 1 (4 Credits)*Typically offered Fall*

This course introduces the study of music as culture, variously called the anthropology of music or ethnomusicology. The first part of the course will look broadly at the anthropological study of music and musicological study of humanity, delving into scholarly writings from the early twentieth century to the present. Students will examine how music has been conceptualized as a human endeavor, and how anthropological thinking on music has shaped scholarly and public conversations on culture, race, and ethnicity. The second part of the course will focus on the key anthropological method of ethnography, the recording and analysis of human practice, and its use in music studies. Students will read three full-length ethnographic books on musical topics to examine the utility of ethnographic research methods in music studies and explore the insights and dilemmas these methods present. Students will also try their own hands at ethnographic research and writing on music.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Anthropology Minor: Electives
- Bulletin Categories: Heritage Studies: Heritage Theory Electives
- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music
- Crosslisted with: Anthropology
- Crosslisted with: Heritage Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1006 Thinking and Writing About Music (4 Credits)*Typically offered Fall*

Thinking and Writing About Music is a foundational course for the NYUAD Music Program that helps students to develop skills in writing and critical/analytical thinking about music as a sonic and social phenomenon. Students will be introduced to different approaches to thinking and communicating about music; ways of listening closely and analytically to musical sound; and selected themes in music studies, such as musical meaning and the intersection of music and politics. By the end of the semester, students are expected to have developed fluency in writing about music and musical phenomena, critical perspectives on music in society and culture, and a familiarity with questions and approaches in the various strands of music studies.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Studies Electives

MUSIC-UH 1010 Musicianship Skills I (2 Credits)*Typically offered Fall*

This course provides an introduction to fundamental musical structures and practices that occur widely across many global genres. These include aural skills, dictation, listening, basic keyboard skills, notation, score reading, and applied aspects of music theory. Students participate in extensive in-class musical exercises and assignments in analysis and composition, developing proficiencies related to pitch, rhythm, and form in a wide array of musics. Students acquire hands-on skills and understandings that will support them in virtually every area of potential future musical study, including music practice (both performance and composition), music studies, and music technology.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music

MUSIC-UH 1011 Musicianship Skills II (2 Credits)*Typically offered Fall of even numbered years*

This course builds on the introductory course Musicianship Skills I, extending and solidifying competencies with fundamental musical structures and practices that occur widely across many global genres. These include aural skills, dictation, listening, basic keyboard skills, notation, score reading, and applied aspects of music theory. Students participate in extensive in-class musical exercises and assignments in analysis and composition, developing proficiencies related to pitch, rhythm, and form in a wide array of musics. Students acquire hands-on skills and understandings that will support them in virtually every area of potential future musical study, including music practice (both performance and composition), music studies, and music technology.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1010 or instructor permission.

- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music

MUSIC-UH 1101 Sonic Practice (4 Credits)*Typically offered Spring*

This course will introduce students to performance practice and performance cultures in a global context. Through weekly lectures, workshops, and labs, students will explore the ways in which musicking functions as a creative practice for its practitioners, its 'users', and its listening cultures. Students will examine topics including the interface between performance and composition; performance as composition; musicking with technology; musicking as a crucible of experimentation and how to formulate practice research questions and frameworks. Each week will include extensive practical music experiences, such as listening exercises; guided readings and viewings; all in the service of facilitating music making and documenting.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1201 Beginning Group Music Instruction - Cello (2 Credits)*Typically offered occasionally*

Beginning Group Music Instruction - Cello is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with musical literacy skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1202 Beginning Group Music Instruction - Clarinet (2 Credits)*Typically offered Fall and Spring*

Beginning Group Music Instruction - Clarinet is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with musical literacy skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1203 Beginning Group Music Instruction - Flute (2 Credits)*Typically offered Fall and Spring*

Beginning Group Music Instruction - Flute is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with musical literacy skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1204 Beginning Group Music Instruction - Oud (2 Credits)*Typically offered Fall and Spring*

Beginning Group Music Instruction - Oud is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with aural skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1205 Beginning Group Music Instruction - Piano (2 Credits)*Typically offered Fall and Spring*

Beginning Group Music Instruction - Piano is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with musical literacy skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1206 Beginning Group Music Instruction - Saxophone (2 Credits)*Typically offered Fall and Spring*

Beginning Group Music Instruction - Saxophone is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with musical literacy skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1207 Beginning Group Music Instruction - Trumpet (2 Credits)*Typically offered occasionally*

Beginning Group Music Instruction - Trumpet is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with musical literacy skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1208 Beginner Group Music Instruction - Arabic Percussion (2 Credits)*Typically offered occasionally*

Beginning Group Music Instruction - Arab Percussion is designed to introduce students to a new musical instrument in an ensemble setting. The course focuses on establishing basic technical competencies, along with aural skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1209 Beginner Group Music - Immersive Audio (2 Credits)*Typically offered Fall*

Students in this course work creatively with concepts of sound, space, and narrative. The course illustrates how to record, produce, and diffuse immersive audio pieces using a variety of approaches, ranging from binaural stereo systems to more complex multichannel techniques.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1210 Beginning Group Music Instruction - Violin (2 Credits)*Typically offered occasionally*

Beginning Group Music Instruction - Violin is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with musical literacy skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1211 Beginning Group Music Instruction - Guitar (2 Credits)*Typically offered Fall and Spring*

Beginning Group Music Instruction - Guitar is designed to introduce students to a new musical instrument. The course focuses on establishing basic technical competencies, along with musical literacy skills, which will serve as the basis for developing performance skill and increasing musical mastery.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 1220 Music Ensembles (2 Credits)*Typically offered Fall and Spring*

A diverse array of ensembles is offered each semester. Participants develop skills in active musicianship: performance, listening, communication, and collaboration. Ensembles are offered at beginner, intermediate, and advanced performance levels. Ensemble formations include, for example, NYUAD Vocal Ensemble, A Capella group, or chamber music ensembles. Please contact the instructor or Head of the Music Program for details.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** Yes

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1251 Individual Music Instruction 1 (2 Credits)*Typically offered Fall and Spring*

Individual Instruction in Music is designed for students willing to develop their skills in one or more musical instruments, vocal performance, or wanting to learn compositional techniques and strategies to help them create musical work under supervision.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1252 Individual Music Instruction 2 (2 Credits)*Typically offered Fall and Spring*

This course is designed for students wanting to continue with Individual Instruction in Music, either in composition, vocal performance, or a specific instrument.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1271 John Cage and New Perspectives on Performance (4 Credits)*Typically offered Fall*

Have you ever wondered what makes a performance? This course will explore the work and thought of John Cage (1912-1992), arguably the most influential figure in expanding the parameters of music and performance during the 2nd half of the 20th century. Through a series of guided readings, film screenings, practical workshops and presentations of key works by Cage and his contemporaries, we will explore new ways of 'performing', which utilize sound, theater, art, and text, opening the performative space to chance procedures, undecidability and deconstruction.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Art Art History: Visual Arts/Practice Electives
- Bulletin Categories: Art History Elective for Visual Arts Track
- Bulletin Categories: Music: Practice Electives
- Bulletin Categories: Theater: History, Theory, Criticism Electives
- Crosslisted with: Art Art History
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Theater Major: Required
- Crosslisted with: Theater

MUSIC-UH 1611X Arab Music Cultures (4 Credits)*Typically offered Fall*

Arab music culture, understood as an assemblage of ideas, practices, instruments, and traditions of sounding and listening, flourishes across the Arab world and in other places where Arabs have settled. This course provides a thorough overview of Arab music culture in the contemporary world, by investigating a number of its iterations within and beyond the Middle East and North Africa. Course materials, including sound recordings and films as well as written works, utilize music as a prism to view other aspects of society, such as religion, nationalism, and diaspora. By engaging critically with these materials, students cultivate ways of speaking and writing about music and culture in Arab and other contexts. The course thus prepares students for further work in ethnomusicology, the study of music as culture.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: African Studies Minor: Arts Humanities Electives
- Bulletin Categories: Anthropology Minor: Electives
- Bulletin Categories: Arab Crossroads Studies: Arts Literature
- Bulletin Categories: Arab Music Studies Minor: Required
- Bulletin Categories: Heritage Studies: Heritage Theory Electives
- Bulletin Categories: Music: Studies Electives
- Crosslisted with: African Studies
- Crosslisted with: Anthropology
- Crosslisted with: Arab Crossroads Studies Major: Required
- Crosslisted with: Arab Crossroads Studies
- Crosslisted with: Arab Music Studies
- Crosslisted with: Heritage Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1613 Jazz (4 Credits)*Typically offered occasionally*

Over the course of the past 100 years, jazz has been framed variously as an erotic display, a symbol of modernity, the sound of the Black avant-garde, the sound of cosmopolitanism, "America's classical music," a part of our common global cultural heritage, an anachronistic form of bourgeois entertainment, an extremely virtuosic art form, a revolting noise, and a radical performance of freedom. Jazz is, in other words, complicated, its densely textured sound world is entwined with a complex social history. This course will introduce students to jazz music through a fine-grained examination of key figures, recordings, performance techniques, and discourses. Students will do a large amount of listening, both in and out of class, as well as reading of primary and secondary sources. Facility with music is encouraged but not required.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Studies Electives

MUSIC-UH 1615JX Engaging Khaleeji Musical Heritage: An Introduction to Applied Ethnomusicology (4 Credits)*Typically offered January term*

This interdisciplinary course meets at the intersection of applied ethnomusicology and heritage studies. By establishing a Khaleeji percussion ensemble and music diwaniya it paves the way for an in-depth understanding of both Khaleeji Arab music, and culture more broadly. It will lay the foundation for an ongoing Khaleeji percussion ensemble where students and community members will participate and perform on campus and locally. The class will be divided into two daily segments: a hands-on percussion workshop and a seminar. The seminar portion draws from the disciplines of performance studies, ethnomusicology, ethnography, documentary traditions (film), music and technology (field and studio recording), and heritage studies. An integral part of this course will take place in the Black Box Theater where students will perform and record for the purpose of creating an ethnomusicological document.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Anthropology Minor: Electives
- Bulletin Categories: Arab Crossroads Studies: Arts Literature
- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Heritage Studies: Mgt Research Methods Electives
- Bulletin Categories: Music: Studies Electives
- Crosslisted with: Anthropology
- Crosslisted with: Arab Crossroads Studies Major: Required
- Crosslisted with: Arab Crossroads Studies
- Crosslisted with: Arab Music Studies
- Crosslisted with: Heritage Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1617X Popular Music in the Arab World (4 Credits)*Typically offered occasionally*

This course combines theory with intensive listening to examine popular songs in the Arabic-speaking world from the 1950's to the present. Students will develop familiarity with a wide range of Arab singers and their work by way of audiovisual playlists, scholarly and journalistic writing, and social media commentary. The course will introduce basic theoretical issues in popular music studies to provide students with tools for engaging in analysis and writing. We will begin with an exploration of cross-linguistic classification of musical genres and ideologies of the popular and continue to study the ways in which music is linked to political, cultural, religious, and economic forces. The primary forms of assessment are weekly listening quizzes, periodic entries in a shared class blog, and a mid-term and final paper. We will begin with an exploration of cross-linguistic classification of musical genres and ideologies of the popular and continue to study the ways in which music is linked to political, cultural, religious, and economic forces. The primary forms of assessment are weekly listening quizzes, periodic entries in a shared class blog, and a mid-term and final paper.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Arab Crossroads Studies: Arts Literature
- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Core: Cultural Exploration Analysis
- Bulletin Categories: Music: Studies Electives
- Crosslisted with: Arab Crossroads Studies Major: Required
- Crosslisted with: Arab Crossroads Studies
- Crosslisted with: Arab Music Studies
- Crosslisted with: Core: Cultural Exploration Analysis
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1618X Music and Identity in Trade (4 Credits)*Typically offered Fall*

This interdisciplinary course meets at the intersections of applied ethnomusicology, performance studies, and heritage studies and contemporary Khaleeji Musical heritage with a focus on Kuwaiti Pearl Diving music between roughly 1900 and the present. With influences spanning from Zanzibar to Bombay to Kuwait and the coastal civilizations in between, this hybrid and cosmopolitan music was born of trade and cultural exchange. As a music of the Indian Ocean civilizations trade, it is also extra-Khaleeji and extra-Arabic. It changed with each pearling and trading season as sailors and divers played music with the locals as they waited for monsoon winds to change direction before sailing home, eager to share the new sounds and instruments upon their return. What happens to this tradition as it is appropriated into the realm of heritage performance as static national-capital? How does this music exist today as a dialogic and fluid expression of the pre-national past? How does cosmopolitanism play with national discourse? The class will also create a virtual Modern Khaleeji ensemble where we will collectively and virtually perform music.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Anthropology Minor: Electives
- Bulletin Categories: Arab Crossroads Studies: Arts Literature
- Bulletin Categories: Core: Arts, Design Technology
- Bulletin Categories: Core: Cultural Exploration Analysis
- Bulletin Categories: Heritage Studies: Heritage Theory Electives
- Bulletin Categories: Music: Studies Electives
- Crosslisted with: Anthropology
- Crosslisted with: Arab Crossroads Studies Major: Required
- Crosslisted with: Arab Crossroads Studies
- Crosslisted with: Core: Arts, Design Technology
- Crosslisted with: Core: Cultural Exploration Analysis
- Crosslisted with: Heritage Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1619JX Arab Jewish Musical Legacies (4 Credits)*Typically offered January term*

Arab and Jewish musical collaborations extend back many centuries in the Middle East and North Africa. Many of the musical genres considered to be "Arab" have had considerable Jewish influence over the years. At the same time, many "Jewish" musical traditions have origins in and or close parallels in the musical cultures of the Arab world and North Africa. Today, in an evolving geopolitical context, Arab and Jewish musicians continue to create new avenues of musical collaboration based on shared musical legacies. This course will explore the history and contemporary significance of Arab and Jewish musical cultures in Israel, drawing on the diverse musical cultures of Israel originating in countries as diverse as Syria, Lebanon, Iraq, Yemen, Morocco, Egypt, Turkey, and others, as well as Palestinian music. The course will alternate between seminar lectures, workshops, and attendance at musical performances of three of the main varieties of Arab and Jewish music in Israel: Levantine Arab music, Iraqi Maqam, and Andalusian music. Students will complete a final research project based on analysis of one or more of these traditions.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: African Studies Minor: Arts Humanities Electives
- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Ethnomusicology Electives
- Bulletin Categories: Music: Studies Electives
- Bulletin Categories: Pre-Professional Media, Culture Communication
- Crosslisted with: African Studies
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Pre-Professional Media, Culture Communication

MUSIC-UH 1620J African Music and the Global Order of Time (4 Credits)*Typically offered January term*

What are the distinctive features of pre-colonial African culture that might challenge and supplement the central assumptions of the Western order of time? This course investigates some of the traditional musical in Africa, including the Lubiri Court in Kampala, Uganda, the ancient Mapungubwe site in South Africa, and the Great Zimbabwe near Masvingo, Zimbabwe to address this fundamental question. We focus on various genres, including enanga harp, amadinda, akadinda, and embaire xylophone music, and baaksimba drumming, as well as music of the matepe and mbira dza vadzimu, the timbila xylophone, and Nyungwe panpipes. These are powerful musical traditions caught in the vexing crosshairs of colonial collaboration and coercion. The aim of the course is to move beyond critical commentary on this tragic history alone, and offer regenerative insight into the workings of pre-colonial African ideas. Amadinda music, for example, offers a mode of patterning both pitch and time that challenges the global-hegemonic organizational principles of musical temporality and tonality. Note: Pending feasible international travel conditions, this course will include a seminar in South Africa.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: African Studies Minor: Arts Humanities Electives
- Bulletin Categories: Music: Ethnomusicology Electives
- Bulletin Categories: Music: Studies Electives
- Bulletin Categories: Music: Theory Electives
- Bulletin Categories: Pre-Professional Media, Culture Communication
- Crosslisted with: African Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Pre-Professional Media, Culture Communication

MUSIC-UH 1662 African Popular Music (4 Credits)*Typically offered occasionally*

This course examines the historical foundations, sociocultural contexts, and formal characteristics of twentieth- and twenty-first-century African popular music, covering a range of genres from across the continent. Drawing on a rich corpus of scholarly and popular works by anthropologists, ethnomusicologists, historians, filmmakers, and journalists, it explores African popular music genres as cultural phenomena that are complexly woven into the social fabrics of urban African locales. A major theme is the intersection of popular culture and politics on the continent. By listening to and reading about popular music, students will gain a thorough understanding of the production and mobilization of publics, and the dynamics of nationalism in modern African societies.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: African Studies Minor: Arts Humanities Electives
- Bulletin Categories: Anthropology Minor: Electives
- Bulletin Categories: Heritage Studies: Heritage Theory Electives
- Bulletin Categories: Music: Studies Electives
- Crosslisted with: African Studies
- Crosslisted with: Anthropology
- Crosslisted with: Heritage Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 1711 Rock 'n' Roll Histories & Revolutions: Afro-American Music Traditions to the Beatles (4 Credits)*Typically offered occasionally*

The explosion of rock 'n' roll into the popular music scene of the 1950's took the world by surprise. Although it seemed as if the music had come out of nowhere, it had a long evolution with roots in Afro-American music traditions. This survey examines the roots and evolution of rock 'n' roll, focusing in particular on the critical role it played in the anti-war and peace movements of the 1960's as well as in movements for civil rights and social justice from that time to the present. Interdisciplinary in its conception, the seminar draws on materials from a diverse disciplines in order to provide a critical frame for the exploration of the topic. As part of the course, we will examine the music of the Beatles from the release of their first 1958 cover album to their later meteoric rise to international fame in the 1960's. Focusing on their overwhelming American success after 1964, the course looks at the history of the band and John Lennon's music against the backdrop of the Vietnam War and the politics of peace and protest that profoundly shaped the period.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Studies Electives

MUSIC-UH 1713 Musical Theater Since 1850: A Mirror of Society (4 Credits)*Typically offered Fall*

The musical has become one of the most globally popular forms of entertainment, illuminating the ways in which society understands itself by showcasing changing issues of politics, economics, gender, sexuality and ethnicity. This course examines these themes through a framework of lectures, detailed analytical viewings and practical performance workshops. Topics will include: the economic and political satires of Offenbach and Gilbert and Sullivan, changing attitudes to race and conflict in 'Showboat', 'South Pacific', 'Oh, What a Lovely War' and 'Miss Saigon', issues of cultural identity in 'Beyond Bollywood', gender and sexuality in 'Sweet Charity' and 'Rent', the grand historical spectacle of 'Evita' and 'Les Miserables', Disney comes to Broadway, satire in the 21st century through the lens of 'Urinetown' and 'Avenue Q' and the postmodernist fantasies of Sondheim. Lectures are supported by a practical workshop or an analytical viewing each week. Practical sessions allow students to workshop scenes and individual numbers from examples of the genre studied in the previous lecture, allowing for an in-depth exploration of music, text and interpretation for the actor/singer.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Studies Electives
- Bulletin Categories: Theater: History, Theory, Criticism Electives
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Theater Major: Required
- Crosslisted with: Theater

MUSIC-UH 2004 Music Histories and Historiography 2 (4 Credits)*Typically offered Spring*

This course introduces students to readings and lectures on current topics in the fields of music studies and musicology with a focus on historiography, which is the study of the way history has been written. Within this broad framework, the course will engage with the study of music and its history under a number of different guises, including the historical study of music, addressing both research methodologies as well as the historical narratives used to tell the different "stories" about music history. While the course is organized thematically providing an examination of music at its intersection with issues related to gender and sexuality, social justice and conflict, race, popular music, as well as media and technology it is structured historically, providing a forum for an examination of music and musical practices across a wide range of historical and cultural situations from ancient times to the present. This course introduces additional readings, providing students with a framework for the development of their own research within the field of music studies as a basis for field work and independent research.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1005.

- Bulletin Categories: Heritage Studies: Heritage Theory Electives
- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music
- Crosslisted with: Heritage Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 2005 Anthropology of Music 2 (4 Credits)*Typically offered Fall*

This course introduces the study of music as culture, variously called the anthropology of music or ethnomusicology. The first part of the course will look broadly at the anthropological study of music and musicological study of humanity, delving into scholarly writings from the early twentieth century to the present. Students will examine how music has been conceptualized as a human endeavor, and how anthropological thinking on music has shaped scholarly and public conversations on culture, race, and ethnicity. The second part of the course will focus on the key anthropological method of ethnography, the recording and analysis of human practice, and its use in music studies. Students will read three full-length ethnographic books on musical topics to examine the utility of ethnographic research methods in music studies and explore the insights and dilemmas these methods present. Students will also try their own hands at ethnographic research and writing on music. Engaging with additional readings beyond that of MUSIC-UH 1005, this seminar provides students with a framework for the development of their own research within the field of music studies.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1004.

- Bulletin Categories: Anthropology Minor: Electives
- Bulletin Categories: Heritage Studies: Heritage Theory Electives
- Bulletin Categories: Music Major: Required
- Bulletin Categories: Music
- Crosslisted with: Anthropology
- Crosslisted with: Heritage Studies

MUSIC-UH 2201 Continuing Group Music Instruction (2 Credits)*Typically offered Fall and Spring*

This section of Group Instruction is designed for students who already have a basic level of competency with the instrument. The focus of this course is to build upon established musical skills, while working toward mastering more challenging musical repertoire.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** Yes**Prerequisites:** One Beginning Group Music Instruction course or Instructor Permission.

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 2210 Art of Song (4 Credits)*Typically offered occasionally*

This course focuses on the art and practice of singing. Through a framework of practical approaches (individual instruction and ensemble practice labs), and weekly lectures, students will explore the practical and theoretical evolution of vocal repertoire and performance in relation to their own vocal development. This will lead to the application of a critically informed understanding of the development of vocal music to their own performances, reflecting stylistic changes, both temporal and global.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 2251 Individual Music Instruction 3 (2 Credits)*Typically offered Fall and Spring*

This course is designed for students wanting to continue with Individual Instruction in Music, either in composition, vocal performance, or a specific instrument.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 2252 Individual Music Instruction 4 (2 Credits)*Typically offered Fall and Spring*

This course is designed for students wanting to continue with Individual Instruction in Music, either in composition, vocal performance, or a specific instrument.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** Yes

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 2413 Fundamentals of Digital Audio - Introduction to Pro Tools (4 Credits)*Typically offered Spring*

Digital audio is the basis for practically every sound recording in the 21st century. Following the rapid development of integrated circuits in and after the 1960s, the transition to computers and digital equipment has changed the history of music production. During this course, students will acquire an in-depth, theoretical and practical knowledge of the industry standard Pro Tools software working with Music and Post-Production through two weekly, lab-based lessons. An emphasis will be placed on getting to know Pro Tools software. Pro Tools is the industry-standard audio production platform for music, film post-production and broadcast. Fundamentals of Digital Audio - Pro Tools class covers the core and fundamentals concepts and skills students need to operate an Avid Pro Tools HD system in a professional studio environment. After completing the material in this class, students will have essential knowledge required for a future in professional music production and post-production. This class covers techniques for working with Pro Tools from setup to mixdown. Students who complete this course will have the knowledge to take the Pro Tools User Certification Exam independently.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1002 or equivalent knowledge and permission of instructor.

- Bulletin Categories: Digital Arts Humanities Minor: Electives
- Bulletin Categories: Film New Media: Practice Electives
- Bulletin Categories: Music: Technology Electives
- Bulletin Categories: Sound Music Computing Minor: Music Electives
- Crosslisted with: Digital Arts Humanities
- Crosslisted with: Film New Media Major: Required
- Crosslisted with: Film New Media
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Sound Music Computing

MUSIC-UH 2416 Recording and Production Techniques (4 Credits)*Typically offered Spring*

This course exposes students to the art of music production, engineering and recording, as well as fundamentals of audio theory and engineering, audio production technique in both the studio environment and location specific recording, playback, post-production applications, and musical acoustics. As a sound engineers and producers, your job is ensuring that your production creates strong emotional impact. In this course students will be exploring the intersection where technical skills and creative ideas meet in order to create a song. Students will be exposed to a variety of topics including, to multitrack recording, microphone techniques, live recording sessions, advanced editing techniques, advanced topics on musical acoustics. Students will gain analytical and professional skills needed for a variety of music production-focused careers. This course will as well expose students to a variety of production and sound engineering techniques that can be applied on different music styles ranging from pop, funk, jazz and orchestral acquiring knowledge and expertise using Pro Tools in conjunction with Dante Network and Nuendo working on unique orchestral/ ensemble recordings.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1002 or equivalent knowledge and permission of instructor.

- Bulletin Categories: Interactive Media:Media Design Thinking Elective
- Bulletin Categories: Music: Technology Electives
- Bulletin Categories: Sound Music Computing Minor: Music Electives
- Crosslisted with: Interactive Media Minor: Required
- Crosslisted with: Interactive Media
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Sound Music Computing

MUSIC-UH 2417 Advanced Musical Programming (4 Credits)*Typically offered every year*

This intensive course is designed to develop skills in sound synthesis techniques and procedural music, with a focus on their specific application in composition, sound design, New Instruments of Musical Expression (NIME), and games. The course will consist of extensive exploration of analog modular synthesis, Max, and SuperCollider, in recreating algorithms used by synthesis and computer music pioneers (Xenakis, Chowning, Risset) as well as new talents in electronic music such as Agostino Di Scipio, Alessandro Cortini or Richard Devine. Previous knowledge of working with Max and/or SuperCollider is required for this course or students may have to take a complementary lab in order to be able to follow the class.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Engineering: Computer Engineering Electives
- Bulletin Categories: Engineering: Electrical Engineering Electives
- Bulletin Categories: Interactive Media: Computational Media Elective
- Bulletin Categories: Music: Technology Electives
- Crosslisted with: Engineering Common Courses (ECC)
- Crosslisted with: Engineering
- Crosslisted with: Interactive Media Minor: Required
- Crosslisted with: Interactive Media
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 2418 Immersive Audio Storytelling for Motion Picture (4 Credits)*Typically offered Spring*

Sound lends depth and expands space to the two-dimensional image on screen, while locating us within the scene. A crucial difference between visual and aural manipulation of the audience is that even sophisticated audiences rarely notice the soundtrack. Sounds can speak to us emotionally, and subconsciously put us in touch with a character. This course focuses on the importance of audio as a narrative medium in film. Students study how audio creation, manipulation, restoration, and mixing can go beyond the simple techniques of sound design to profoundly alter the cinematic experience. Students learn the complicated practice of making sound for multichannel in surround, down mix, and audio restoration using Izotope RX, all as applied to international loudness standards and deliverables. Working with Pro Tools as a creative medium, students practice non-linear content, editing to Timecode SMPTE, working in conjunction with the AVID S6 mixing board. The aim for this course is to give students numerous opportunities to apply creative techniques learnt in class to make films, from capstone projects to films nominated for international film festivals.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Film New Media: Practice Electives
- Bulletin Categories: Music: Technology Electives
- Bulletin Categories: Sound Music Computing Minor: Electives
- Crosslisted with: Film New Media Major: Required
- Crosslisted with: Film New Media
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Sound Music Computing

MUSIC-UH 2419 Computational Approaches to Music and Audio I (4 Credits)*Typically offered Spring*

The Computational Approaches to Music and Audio I will introduce students to programming for the development of applications of generative music and audio, ranging from standalone musical compositions to fun and engaging musical games or intelligent musical instruments. These applications will be developed mostly in Max, a widely used and very popular graphical programming environment for electronic music and interactive media. By the end of this course students will have become familiar with current approaches to audio and music programming namely in the Max programming environment, plug-in creation for Ableton Live, as well as have acquired a strong foundation in the field that will prepare them for the second course in the sequence.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1002.

- Bulletin Categories: Digital Arts Humanities Minor: Electives
- Bulletin Categories: Engineering Crosslisted Courses
- Bulletin Categories: Engineering: Computer Engineering Electives
- Bulletin Categories: Engineering: Electrical Engineering Electives
- Bulletin Categories: Interactive Media: Computational Media Elective
- Bulletin Categories: Music: Technology Electives
- Bulletin Categories: Sound Music Computing Minor: Music Electives
- Crosslisted with: Digital Arts Humanities
- Crosslisted with: Engineering Common Courses (ECC)
- Crosslisted with: Engineering
- Crosslisted with: Interactive Media Minor: Required
- Crosslisted with: Interactive Media
- Crosslisted with: Sound Music Computing

MUSIC-UH 2662 Music and Copyright (4 Credits)*Typically offered Spring*

This course examines the interplay of music, technology, and law in capitalist societies. Developments in intellectual property law - particularly in the area of intellectual property law known as copyright - have profoundly shaped how music is created, experienced, and conceptualized. At the same time, technology-driven changes in music production and consumption have profoundly shaped intellectual property law. This course critically examines this dialectical relationship between music and law and its ramifications for both, by drawing together perspectives from music studies, legal studies, and a range of other disciplines. In addition to the central concerns of musical authorship, creativity, and piracy, topics include music copyright and institutionalized racism; the legal facets of musical heritage and repatriation; and copyright in music economies of the Global South.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Legal Studies: Electives
- Bulletin Categories: Music: Musicology Electives
- Bulletin Categories: Music: Studies Electives
- Crosslisted with: Legal Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Pre-Professional: Law

MUSIC-UH 2665 Global Jazz (4 Credits)*Typically offered Fall*

This course begins with a history of Jazz as it originated in the African-American communities of New Orleans during the early 1900s; and continues by investigating the influences that modern globalization has had on this genre, (starting with the Afro-Cuban Jazz movement of the 1950s). In addition to providing a historical context about the origins and the evolutionary trajectory of Jazz, this course also takes a cross-cultural perspective in addressing particular migratory influences that spurred the diverse branches of contemporary Global Jazz, including: Afro-Cuban Jazz, Jazz Manouche (Gypsy Jazz) and Flamenco, Brazilian Jazz, South Asian Jazz, Highlife and Afrobeat, South African Jazz, Gnawa Fusion, Gypsy Jazz, Oriental Jazz, and Khaleeji Jazz. Central questions: What is "Global Jazz"? How does global jazz manifest itself as an expression of cosmopolitanism within the context of transnational encounters? and What does the term "Global Jazz" do that "Jazz" does not? What does it make possible?

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Core: Cultural Exploration Analysis
- Bulletin Categories: Music: Studies Electives
- Crosslisted with: Core: Cultural Exploration Analysis
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 2667X Music of the Indian Ocean World (4 Credits)*Typically offered Spring*

This applied-ethnomusicological course takes an interdisciplinary approach in addressing the migratory influences that spurred both diverse and overlapping musical traditions and instruments within the contexts of the Western Indian world. The geographic trajectory of this course follows the two most common trade routes in the Western Indian Ocean where the first starts in Basra during winter monsoon season (between November and February) and travels south to the Northeast African coast. While the second starts during the summer monsoon season (between April and September in Mombasa) in Mombasa and travels due east toward to the cities of Quilon and Calicut; before heading north along the Malabar coast and on to Persia on route back to Basra. 1. How has a system of debt and trade impacted the diverse and cosmopolitan music of the Western Indian Ocean? 2. Where can we find residual connectivity within musical aesthetic characteristics within contemporary diasporic communities? 3. What is the geopolitical legacy of the impact of hundreds of years of trade on the popular musics of the region?

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Studies Electives

MUSIC-UH 2668 Popular Music and Politics in Africa (4 Credits)*Typically offered Spring*

This course explores the intersection of popular music and politics in Africa. In recent years, studies of African popular music have offered up some of the most revealing analyses of public culture and politics in postcolonial Africa. This course examines African popular music genres as resonant spaces where publics are produced and mobilized, where the symbolic girders of the postcolonial state are reinforced and/or attacked, and where cosmopolitanism confronts the conceits of nationhood. In addition to engaging with essential literature on the nation, popular culture, globalization, and postcoloniality in Africa, students will become familiar with the histories and contexts of African musical genres such as Nigerian Afrobeat, Swahili taarab, Zimbabwean chimurenga, South African mbaqanga, and the hip hop-derived genres that emerged across the continent at the turn of the twenty-first century.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1006 OR HIST-UH 1105 OR ANTH-UH 1010.

- Bulletin Categories: African Studies Minor: Social Science Electives
- Bulletin Categories: Anthropology Minor: Electives
- Bulletin Categories: Music: Studies Electives
- Bulletin Categories: SRPP: Social Structure Global Processes
- Bulletin Categories: SRPP: Society Culture
- Crosslisted with: SRPP: Major Soc Sci Required
- Crosslisted with: Social Research Public Policy

MUSIC-UH 2801 Music Theory & Analysis II (4 Credits)*Typically offered Spring*

Further exploration of melody, harmony, and counterpoint in tonal and modal musics through projects in directed composition and analysis, transitioning into 20th-century and contemporary musical developments. Topics include small-and large-scale musical forms, modulation, mixture, chromaticism, and an array of modernist and post-modernist compositional practices.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1001.

- Bulletin Categories: Music: Theory Electives
- Bulletin Categories: Sound Music Computing Minor: Music Electives
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Sound Music Computing

MUSIC-UH 3251 Individual Music Instruction 5 (2 Credits)*Typically offered Fall and Spring*

This course is designed for students wanting to continue with Individual Instruction in Music, either in composition, vocal performance, or a specific instrument.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 3252 Individual Music Instruction 6 (2 Credits)*Typically offered Fall and Spring*

This course is designed for students wanting to continue with Individual Instruction in Music, either in composition, vocal performance, or a specific instrument.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Arab Music Studies Minor: Arab Music Electives
- Bulletin Categories: Music: Practice Electives
- Crosslisted with: Arab Music Studies
- Crosslisted with: Music Major: Required
- Crosslisted with: Music

MUSIC-UH 3411 Mixing & Mastering Techniques (4 Credits)*Typically offered Fall*

Mixing is a creative musical and technological expression that builds on a collaboration between and among those who compose, perform, and those who know how to play the studio as a musical instrument. As mix engineers, we must create music based on a deep knowledge of the informing disciplines such as music, acoustics, electrical engineering, computer science, and digital signal processing. This course provides students with a deeper understanding of mixing and mastering tools and techniques that can be applied to a wide variety of styles. This course has an in-depth hands-on examination of several mixing techniques. It explores the many creative and technical considerations necessary to mix in today's music production environment. Through weekly critical listening training, analysis of classic recordings, and comparative studies of different styles of mixing, students will learn to identify width and depth, frequency range, dynamics and the different mix approaches used in various musical genres. Mixing isn't just having the tools, it's really knowing how to use them in service of the art of music. Be ready to take a deeper look of what's behind what you listen to everyday.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 1002.

- Bulletin Categories: Music: Technology Electives

MUSIC-UH 3417 Computational Approaches to Music and Audio II (4 Credits)*Typically offered Fall*

An intensive, project-driven course designed to develop skills in sound synthesis techniques and procedural music, with a focus on their specific application in composition, sound design, New Instruments of Musical Expression, and games. The course will consist in extensive exploration of analog modular synthesis, Max, and SuperCollider, in recreating algorithms used by synthesis and computer music pioneers such as Xenakis, Chowning, and Risset as well as new talents in electronic music such as Agostino Di Scipio, Alessandro Cortini or Richard Devine. Previous knowledge of working with Max and/or SuperCollider is required for this course or students may have to take a complementary lab in order to be able to follow the class. By the end of the semester, students will have built a small portfolio of musical works employing the techniques learned during the semester.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 2419, or CS-UH 1001, or ENGR-UH 1000, or IM-UH 1010, or IM-UH 2311, or IM-UH 2315, or IM-UH 2318.

- Bulletin Categories: Engineering Crosslisted Courses
- Bulletin Categories: Engineering: Computer Engineering Electives
- Bulletin Categories: Engineering: Electrical Engineering Electives
- Bulletin Categories: Interactive Media: Computational Media Elective
- Bulletin Categories: Music: Practice Electives
- Bulletin Categories: Music: Technology Electives
- Bulletin Categories: Sound Music Computing Minor: Music Electives
- Crosslisted with: Engineering Common Courses (ECC)
- Crosslisted with: Engineering
- Crosslisted with: Interactive Media Minor: Required
- Crosslisted with: Interactive Media
- Crosslisted with: Music Major: Required
- Crosslisted with: Music
- Crosslisted with: Sound Music Computing

MUSIC-UH 3430 Special Topics in Music Production (4 Credits)*Typically offered occasionally*

This course will expose students to the fundamentals of audio engineering and music production technique within the studio environment. The course is focused on hands-on exercises and assignments. The class will introduce students to everything from studio recording sessions with live instrumentalists, to producing music using software and hardware electronic instruments.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Technology Electives

MUSIC-UH 3460 Advanced Topics in Music Technology (4 Credits)*Typically offered occasionally*

Advanced Topics course taught by affiliate or visiting Faculty.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Technology Electives

MUSIC-UH 3860 Advanced Topics in Music Theory (4 Credits)*Typically offered occasionally*

Innovative and rigorous courses in music theory, developed in accordance with the expertise and interests of the faculty.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No

- Bulletin Categories: Music: Theory Electives

MUSIC-UH 4000 Capstone Seminar (4 Credits)*Typically offered Fall*

The Music Program Capstone Seminar is the space where students deepen their proposed Capstone project proposals in either track for the major. This consists of weekly meetings with the Capstone advisor, complemented by a series of periodic lectures given by each full-time faculty member in the Music Program. The lecture topics relate to issues found pertinent to the development of a solid, well-grounded and rigorous project and accompanying paper. Towards the end of the semester, students are required to formally present the projects to be completed in the following semester.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** Must be a declared Music major and Senior standing.

- Bulletin Categories: Music: Artistic Practice Capstone
- Bulletin Categories: Music: Music Studies Capstone

MUSIC-UH 4001 Music Practice Capstone Project (4 Credits)*Typically offered Spring*

The Music Practice Capstone Project provides seniors with the opportunity to work closely with a faculty mentor and to produce a senior thesis project. Projects may range from an original artistic practice to a theoretical, historical or ethnographic research project. This course is where the project proposal developed and presented in the Music Capstone Seminar is finally accomplished, presented publicly, and defended before a jury.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 4000.

- Bulletin Categories: Music: Artistic Practice Capstone

MUSIC-UH 4011 Music Studies Capstone Project (4 Credits)*Typically offered Spring*

The Music Studies Capstone Project provides seniors with the opportunity to work closely with a faculty mentor and to produce a senior thesis project. Music Studies projects may include theoretical, historical, and ethnographic approaches to music scholarship. This course is where the capstone prospectus developed and presented in the Music Program Capstone Seminar is finally accomplished, presented publicly, and defended before a jury.

Grading: Ugrd Abu Dhabi Graded**Repeatable for additional credit:** No**Prerequisites:** MUSIC-UH 4010.

- Bulletin Categories: Music: Music Studies Capstone

MUSIC-UH 4251 Individual Music Instruction 7 (2 Credits)

Typically offered occasionally

Individual Instruction in Music is designed for students willing to develop their skills in one or more musical instruments, vocal performance, or wanting to learn compositional techniques and strategies to help them create musical work under supervision.

Grading: Ugrd Abu Dhabi Graded

Repeatable for additional credit: No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 4252 Individual Music Instruction 8 (2 Credits)

Typically offered occasionally

Individual Instruction in Music is designed for students willing to develop their skills in one or more musical instruments, vocal performance, or wanting to learn compositional techniques and strategies to help them create musical work under supervision.

Grading: Ugrd Abu Dhabi Graded

Repeatable for additional credit: Yes

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 4253 Individual Music Instruction 9 (2 Credits)

Typically offered Fall and Spring

Individual Instruction in Music is designed for students willing to develop their skills in one or more musical instruments, vocal performance, or wanting to learn compositional techniques and strategies to help them create musical work under supervision.

Grading: Ugrd Abu Dhabi Graded

Repeatable for additional credit: No

- Bulletin Categories: Music: Practice Electives

MUSIC-UH 4254 Individual Music Instruction 10 (2 Credits)

Typically offered occasionally

Individual Instruction in Music is designed for students willing to develop their skills in one or more musical instruments, vocal performance, or wanting to learn compositional techniques and strategies to help them create musical work under supervision.

Grading: Ugrd Abu Dhabi Graded

Repeatable for additional credit: No

- Bulletin Categories: Music: Practice Electives