Music Theory (MTY)

Minor in Music Theory

Department of Music, College of Arts and Sciences

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Music (MTY)

The minor in Music Theory is designed to provide undergraduate students with a specialized knowledge in musicianship and the theory of music in addition to its history. It is particularly well-suited to students interested in honing their skills as musicians and offers more rigorous training in music analysis than the general track. Coursework includes an introduction to the study of music, courses in musicianship, music theory, only two semesters in a performance ensemble, and a choice of courses on specialized topics, including the study of popular musics, non-western musical traditions, music and gender, music technology, and the works of individual composers.

Minor in Music Theory (MTY)

The general Music minor (MUS) is designed for students who are interested in music but who do not seek training in more sophisticated aspects of music theory and musicianship. The Music Theory minor (MTY), for which students take Music major courses in theory and musicianship, is for students who want to acquire more specialized knowledge and skills in the areas of music theory and musicianship.

Requirements for the Minor in Music Theory (MTX)

All courses offered for the minor must be passed with a letter grade of C or higher. The minor requires a minimum of 20 credits.

A Note on the Performance Requirement: With the permission of the director of undergraduate studies, students who do not pass the audition for one of the ensembles may fulfill the performance requirement through private lessons (MUS 161-MUS 187). For students in the minor who fulfill the performance requirement through lessons, the ensemble corequisite for private lessons (MUS 161-MUS 187) will be waived.

1. Theory:

   • MUS 120 Elementary Musicianship, MUS 121 Musicianship I
   • MUS 220 Musicianship II, MUS 221 Musicianship III
   • MUS 321 Tonal Harmony I, MUS 322 Tonal Harmony II

2. History:

   • MUS 101 and one course chosen from the following: MUS 105, 301-314, 319-320

3. Performance:

   Two semesters of one or more of the following:

   • MUS 261 Stony Brook Chorale
   • MUS 262 University Orchestra
   • MUS 263 University Wind Ensemble
   • MUS 264 Jazz Ensemble
   • MUS 266 Guitar Workshop
   • MUS 267 Jazz Combo
   • MUS 268 Marching Band
   • MUS 235 Intro to African Drumming
   • MUS 335 Advanced African Drumming
   • MUS 271 Stony Brook Camerata
   • MUS 391 Chamber Music
MUS 101: Introduction to Western Classical Music
An introduction to music of the Western classical tradition. This course covers basic concepts and terminology used to describe music and sound in cinema, techniques of audio-visual design, and the roles that music and sound play in the overall aesthetic effects in the cinema. The course studies music and sound in cinema from the earliest instances in the beginning of the 20th century to the most recent instances in the 21st century. No previous musical training is assumed.

DEC: G  
SBC: ARTS  
3 credits

MUS 103: Introduction to Music and the Cinema
This course studies the history of music in cinematic productions, the basic concepts and terminology used to describe music and sound in cinema, techniques of audio-visual design, and the roles that music and sound play in the overall aesthetic effects in the cinema. The course studies music and sound in cinema from the earliest instances in the beginning of the 20th century to the most recent instances in the 21st century. No previous musical training is assumed.

SBC: ARTS  
3 credits

MUS 105: Music Cultures of the World
An introduction to music traditions from around the world with an emphasis on political, social, and cultural aspects of music. Geographical areas are studied with attention to issues such as migration, gender, nationalism, belief, philosophy, and cosmology, as well as relationships with dance, drama, and poetry in particular music genres.

DEC:  
SBC: ARTS  
3 credits

MUS 109: Rock, Popular Music, and Society
A study of rock and related popular musical traditions in the United States. The music is investigated through consideration of its: 1) musical constituents (rhythm, form, pitch structure, instrumental texture, and vocal style), 2) historical development, beginning with its roots in earlier folk and popular styles through to the present, and 3) social meanings, uses, and ramifications.

DEC: D  
SBC: ARTS  
3 credits

MUS 119: The Elements of Music
Beginning with the rudiments of music, such as meter, tempo, rhythm, and how to read notes in several clefs, this "hands on" course goes on to examine how music is organized, covering scales, keys, intervals, chords, form, and style in classical music. Students also compose throughout the semester and sharpen their listening skills through attendance at concerts. Serves as prerequisite to many music department courses.

DEC: D  
SBC: ARTS  
3 credits

MUS 120: Elementary Musicianship
Beginning ear-training, including harmonic, rhythmic and melodic dictation, interval and chord recognition, and sight-singing of diatonic melodies. Intended for students who are not prepared to enter MUS 121 but who aspire to be music majors. May be repeated, but credit counts toward graduation only once. Not for music major credit.

Prerequisite: Placement Exam or by permission of instructor
Corequisites: MUS 221 and 321  
2 credits

MUS 121: Musicianship I
Sight-singing, dictation, and transcription of melodic, harmonic, and rhythmic material.

Prerequisite: Placement by undergraduate musicianship examination (consult department concerning dates)  
Corequisites: MUS 122 and 321  
2 credits

MUS 122: Beginning Keyboard
Basic keyboard skills, including reading in clefs and rudimentary technical competence. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Placement by undergraduate keyboard examination  
Corequisites for Music majors: MUS 121 and MUS 321  
1 credit

MUS 130: Sound Structures
Development of strategies for informed listening, analysis, and writing about music.

Topics include timbre and sonority, meter and rhythm, melodic design, form, organization of pitch and harmony, and interactions between music and language. Repertory is drawn from a wide range of historical periods and cultural contexts. Considerable emphasis on writing and on acquiring concepts and vocabulary appropriate to diverse types of music.

Prerequisite: MUS 119 or equivalent. Primarily intended for prospective music majors and others with sufficient musical background as demonstrated by the Theory Placement Exam or by permission of instructor

DEC: D  
SBC: ARTS  
3 credits

MUS 141: Keyboard Harmony A
Practical studies in music theory through basic keyboard exercises. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: MUS 122  
Corequisites: MUS 220 and 321  
1 credit

MUS 142: Keyboard Harmony B
Practical studies in music theory through basic keyboard exercises. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: MUS 141  
Corequisites: MUS 221 and 323  
1 credit

MUS 161: Piano
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required  
2 credits

MUS 163: Harpsichord
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
MUS 165: Violin
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262
2 credits

MUS 166: Viola
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262
2 credits

MUS 167: Cello
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262
2 credits

MUS 168: String Bass
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262 or MUS 264 or MUS 267
2 credits

MUS 169: Classical Guitar
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 391 or MUS 266
2 credits

MUS 170: Flute
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
2 credits

MUS 171: Oboe
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisites: Audition required
Corequisite: MUS 262 or MUS 263
2 credits

MUS 172: Clarinet
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisites: Audition required
Corequisite: MUS 262 or MUS 263
2 credits

MUS 173: Bassoon
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisites: Audition required
Corequisite: MUS 262 or MUS 263
2 credits

MUS 175: Horn
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264
2 credits

MUS 176: Trumpet
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
2 credits

MUS 177: Trombone
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
2 credits

MUS 180: Percussion
A forty-five-minute individual lesson each week, with five hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
2 credits
at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267

MUS 208: Introduction to Music Technology

Serves as an introduction to and exploration of production using computers to create sound and music. Lectures will cover concepts and presentations of musicians working in various capacities with computers, as well as tutorials on specific music software packages. Formerly offered as CDT 208 and ARS/THR 208.

This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Pre- or Corequisite: One ARS, CCS, CSE, ISE, MUS, or THR course
SBC: ARTS, TECH
3 credits

MUS 220: Musicianship II

Sight-singing, dictation, and transcription of more complex melodic, harmonic, and rhythmic material, including diatonic chord progressions.

Prerequisite: MUS 121 and MUS 321 
Corequisite for Music majors: MUS 141 and MUS 322

2 credits

MUS 221: Musicianship III

Advanced sight-singing and dictation, including modal, modulating, and chromatic melodies; chord progressions and diatonic and modulating chorales; and complex rhythms.

Prerequisite: MUS 141 and 220 
Corequisite: MUS 142 and 323

2 credits

MUS 235: Introduction to African Drumming

Students will learn to perform selections of dance-drumming repertoire from southern Ghana, Togo and Benin. Students will play on authentic instruments (bells, rattles and drums), sing, and dance. No musical experience or ability to read musical notation is required; students will learn pieces by ear through vugbe, 'drum language', which refers to the naming of specific sounds made on the drum in a kind of indigenous solfege. Song lyrics with translations will be made available. Readings, video screenings, and class visits by African artists will inform discussion of the sociocultural context of the music and its performance. The course will culminate in a mandatory performance, featuring African guest performers. Repeatable to a maximum of 4 credits.

1 credit

MUS 261: Stony Brook Chorale

Study and performance of a repertory from the Middle Ages to the present. Ability to read music is required; advanced sight-reading is not. May be repeated.

1 credit

MUS 262: University Orchestra

Study and performance of works from the repertory of the concert orchestra. Grading is based upon attendance. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
1 credit

MUS 263: University Wind Ensemble

Study and performance of works for ensembles of woodwinds, brass, and percussion in various combinations. Grading is based upon attendance. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
1 credit

MUS 264: Big Band Jazz Ensemble

Study and performance of works for jazz ensemble. Grading is based on attendance. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. Repeatable to a maximum of 6 credits.

Prerequisite: Audition required
1 credit

MUS 265: Workshop in Performance

Practice in performance skills in a small group workshop setting under the guidance of a performance instructor. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
1 credit

MUS 266: Guitar Workshop

An overview of guitar technique and fingerboard harmony, featuring in-class performance, transcription of tablature systems, and arranging for solo guitar. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
1 credit

MUS 267: Small Jazz Ensemble Level 1

For students with some experience playing Jazz. A further examination into the Jazz
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technique and performance. Students must have the basic abilities to read music and charts, play scales and spell chords. Some experience listening to Jazz is required. Includes a performance requirement and regular rehearsals. One must audition for MUS 267; auditions are held in the first week of classes. Sign up sheets will be posted outside the music office (3304 Staller Music Office) the week before classes start. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. Repeatable to a maximum of 6 credits.

Prerequisite: Audition required
1 credit

MUS 268: Spirit of Stony Brook Athletic Band
The study and playing/marching performance of music from the marching and pep band repertoire. The course requires attendance at a preseason marching band camp prior to the beginning of the Fall term (typically one week prior). Attendance at select athletic games and some away games is also required (including some Saturdays and some evenings, outside of course meeting times). Grading is based on attendance. Instrumentation consists of marching winds, marching percussion (snare, tenor, bass, cymbals), and color guard. May be repeated for credit.

Prerequisite: must be able to read music
1 credit

MUS 271: Camerata Singers
Camerata Singers performs accompanied and a cappella works from many eras and cultures. Music reading proficiency is required for this course. Course may be repeated to a maximum of 10 credits.

1 credit

MUS 289: Small Jazz Ensemble Level 2
For students with experience playing and listening to Jazz. A refined study in Jazz technique and performance. Students should be able to read written melodies and charts, play scales, and play over basic chord changes. They should be conversant with Jazz history, particularly pertaining to the principal players of their own instrument. Includes a performance requirement and regular rehearsals. One must audition for MUS 289; auditions are held in the first week of classes. Sign up sheets will be posted outside the music office (3304 Staller Music Office) the week before classes start. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. Repeatable to a maximum of 6 credits.

Prerequisite: Audition required
1 credit

MUS 290: Vocal Repertory
Performance and analysis of works from the vocal repertory. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Corequisite: MUS 182 or 382
1 credit

MUS 300: Music, Technology, and Digital Culture
Study of the interactions between music, technology, and culture in popular and concert music since World War I. Issues of production, distribution, and reception, involving such topics as the impact of radio on composition in the 1920s and 1930s, early synthesizers, and the rise of electronic music, digital sampling and DJs, the MP3 phenomenon, cross-cultural borrowings, gender and technology, the internet, interactivity, and new models of consumption. Not for major credit.

Prerequisite: One of the following: MUS 101, 105, 106, 119, or 130
DEC: H
SBC: STAS
3 credits

MUS 303: Music in the Age of Beethoven
Study of the historical period, up to and including the present, in which the music of Ludwig van Beethoven became the dominant model for European classical music. Consideration of Beethoven’s music and its influence in relation to Enlightenment values, Romantic and idealist philosophies, nationalism, gender, and disability. Not for music major credit.

Prerequisite: MUS 101 or 119 or 130
DEC: I
SBC: GLO, HFA+
3 credits

MUS 304: American Music
Study of the development of diverse 20th and 21st century musical traditions in the U.S. from the perspectives of the musical structures and social contexts that may be understood to define American music. The musical traditions of Jazz, Blues, Classical, Musical Theatre, Folk, and Popular music are considered, for instance, with respect to such issues as how historical events, race, and gender affect the production and reception of music, how philosophical beliefs shape musical composition, and how the development of new technologies have affected the production and reception of music in the United States. Not for music major credit.

Prerequisite: MUS 101 or MUS 119 or MUS 130
DEC: K
SBC: HFA+, USA
3 credits

MUS 306: The Music and Culture of Hip-Hop
Offers an introductory exploration of the music, culture, and interventions of hip-hop. This course draws from multiple fields of study, including history, musicology, gender/sexuality/queer studies, anthropology, performance studies, multicultural and ethnic studies, and literary criticism. The purpose of this course is not simply to enjoy hip-hop, but rather to sharpen our listening skills, to critically engage performance, sound and visual symbols, and to thoughtfully interpret analyses of hip-hop.

Prerequisite: MUS 101 or MUS 109 or MUS 119 or MUS 130
SBC: HFA+, USA
3 credits

MUS 307: Imaginative Worlds of Opera
Considering opera’s blend of drama, music, spectacle and stage action, the course examines diverse European operatic traditions from a variety of angles, ranging from expressive roles for music to social and cultural values embodied in individual works. Study focuses on outstanding repertory pieces such as Mozart’s Marriage of Figaro, Verdi’s Otello, and Berg’s Wozzeck. Not for music major credit.

Prerequisite: MUS 101 or 119 or 130
DEC: I
SBC: GLO, HFA+
3 credits

MUS 308: History of Jazz
Historical study of the origins, evolution, and influence of jazz, a musical art form originating in and evolving with the experiences of black Americans. Examination of styles, figures, and places connected to jazz, from Louis Armstrong in New Orleans to Billie Holiday in New York to Kendrick Lamar in Los Angeles. Consideration of central issues including improvisation, commercialization, race, and gender. Not for music major credit.

Prerequisite: MUS 101 or MUS 109 or MUS 119 or MUS 130
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>MUS 309</td>
<td>Music Since 1900</td>
<td>3</td>
<td>An introduction to the variegated and rapidly changing trends of contemporary classical music of the last and current centuries, including impressionism, expressionism, neoclassicism, twelve-tone and other serialism, chance and texture music, electronic and computer music, as well as styles derived from folk music, jazz, and other forms of popular music. Not for music major credit. Prerequisite: MUS 101 or MUS 109 or MUS 110 or MUS 130.</td>
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<tr>
<td>MUS 310</td>
<td>Music and Culture in the 1960’s</td>
<td>3</td>
<td>The music of Bob Dylan, John Cage, the Beatles, Pauline Oliveros, Ornette Coleman, Elliot Carter, John Coltrane, Laura Nyro, and others is studied in conjunction with texts from or criticism of the 1960s. Music and texts are correlated through the topics of chaos, protest, Black culture, technology, the women's movement, youth culture, and others. Not for music major credit. Prerequisite: MUS 101 or MUS 109 or MUS 110 or MUS 130.</td>
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<tr>
<td>MUS 311</td>
<td>Topics in Ethnomusicology</td>
<td>3</td>
<td>An ethnomusicological study of a particular area of the world, or a topic related to contemporary musical practice, with an emphasis on political, social, and cultural aspects of music and sound. May include a particular focus on issues such as migration, race, gender, belief, sound recording, live performance, or globalization. May be repeated for credit as the topic changes. Prerequisite: One of the following: MUS 101, 105, 106, 110, or 130.</td>
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<tr>
<td>MUS 312</td>
<td>Tonal Harmony I</td>
<td>3</td>
<td>An introduction to the language and basic structural concepts of the art of tonal music through the study of such elements as melody, rhythm, harmony, counterpoint, and form; analysis, written exercises, and discussion of theoretical principles. Not for music major credit. Prerequisite: MUS 119.</td>
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<tr>
<td>MUS 313</td>
<td>Hearing Politics</td>
<td>3</td>
<td>Examines the intersection of music, sound, and political life. 'Politics' is considered broadly, in domains ranging from electoral campaigns to the often fragile relationships between neighbors or lovers. The course considers how sound, hearing, and listening are implicated in the political dimensions of social life. We consider how our political lives are full of listening—to speeches, debates, music, and sound, and how (for example) issues of noise, headphone use, musical taste, and racialized sound have an intrinsic political dimension. The course will focus on musics from diverse global contexts, as well as non-musical sounds. Prerequisite: MUS 101 or MUS 109 or MUS 110.</td>
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<tr>
<td>MUS 314</td>
<td>Music, Gender, and Sexuality</td>
<td>3</td>
<td>A study of music from the perspectives of gender and sexuality in a global context. Topics may include women as composers, performers, and listeners; genres understood as gay or queer; music as an expression of identity within various gender or sexuality social groups, and depictions of gender and sexuality in musical drama. All types of music may be considered, including classical, rock, pop, hip-hop, electronic styles, folk, and jazz. This course is offered as both MUS 314 and MUS 314. Prerequisite: MUS 101 or MUS 110 or MUS 130.</td>
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<tr>
<td>MUS 315</td>
<td>The Structural Principles of Music I</td>
<td>3</td>
<td>An introduction to the language and basic structural concepts of the art of tonal music through the study of such elements as melody, rhythm, harmony, counterpoint, and form; analysis, written exercises, and discussion of theoretical principles. Not for music major credit. Prerequisite: MUS 119.</td>
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<tr>
<td>MUS 316</td>
<td>The Structural Principles of Music II</td>
<td>3</td>
<td>An introduction to the language and basic structural concepts of the art of tonal music through the study of such elements as melody, rhythm, harmony, counterpoint, and form; analysis, written exercises, and discussion of theoretical principles. Not for music major credit. Prerequisite: MUS 315.</td>
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<td>MUS 317</td>
<td>Music in China</td>
<td>3</td>
<td>Explores the musical landscape of China, including silk and bamboo ensembles, künqu opera, and the philosophy of the Chinese zither (qin). Considers music practices with regard to Taoism, Confucianism, and communist cultural policy. Explores China's border regions including Uyghur, Tibetan, and Mongolian music. Prerequisite: MUS 101 or MUS 109 or MUS 110.</td>
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<tr>
<td>MUS 320</td>
<td>U.S. Popular Music</td>
<td>3</td>
<td>The study of popular music in the United States. Topics may include popular music in the United States since 1945; American popular music of colonial times; and American musical theatre. The course explores such aspects as musical structure and form, the nature of the commercial music industry, and how issues of gender, race, geography, economics, and technology affect the creation, performance, and reception of popular music. Not for music major credit. Prerequisite: One of the following: MUS 101, 105, 106, 110, or 130.</td>
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<tr>
<td>MUS 321</td>
<td>Tonal Harmony II</td>
<td>3</td>
<td>Tonal harmony taught through practice in homophonic writing, including the harmonization of chorales. Students study excerpts from the musical repertoire as it pertains to questions of musical construction. Corequisites: MUS 121 and 122.</td>
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<tr>
<td>MUS 322</td>
<td>Tonal Harmony II</td>
<td>3</td>
<td>Practice in homophonic writing, including the harmonization of chorales, including diatonic harmonies, altered chords, and modulation. This course has an associated fee. Please see <a href="http://www.stonybrook.edu/coursefees">www.stonybrook.edu/coursefees</a> for more information. Prerequisites: MUS 121, 122, and 321. Corequisites: MUS 141 and 220.</td>
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<tr>
<td>MUS 323</td>
<td>Techniques of Music, 1880 to the Present</td>
<td>3</td>
<td>Study and practice in the techniques used in the late 19th and 20th centuries to organize pitch, rhythm, tone color, and dynamics. Prerequisites: MUS 141, 220, and 322. Corequisites: MUS 142 and 221.</td>
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<tr>
<td>MUS 331</td>
<td>Musicianship IV</td>
<td>3</td>
<td>Sight-singing and dictation of complex tonal, modal, and atonal material. Special emphasis.</td>
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on melodic, harmonic, and rhythmic idioms characteristic of 20th-century music. **Prerequisite:** MUS 221, 142, and 322 2 credits

**MUS 335: Advanced African Drumming**

Students will learn to perform selections of dance-drumming repertoire from southern Ghana, Togo and Benin. Students will play on authentic instruments (bells, rattles and drums), sing, and dance. No musical experience or ability to read musical notation is required; students will learn pieces by ear through vugbe, 'drum language,' which refers to the naming of specific sounds made on the drum in a kind of indigenous solfège. Song lyrics with translations will be made available. Readings, video screenings, and class visits by African artists will inform discussion of the sociocultural context of the music and its performance. The course will culminate in a mandatory performance, featuring African guest performers. Repeatable to a maximum of 4 credits. **Prerequisite:** MUS 235 1 credit

**MUS 339: Beginning Composition**

Individual projects in composition discussed and criticized in class. Enrollment limited to eight. May be repeated once. **Pre- or Corequisite:** MUS 323 3 credits

**MUS 340: Timbre and Technology**

An introduction to the computer-based technologies that are changing the art of music. Hands-on experience with hard-disk recording and sound manipulation, MIDI, sequencing, notation programs, sound module programming, and using the Web. Exploration of the impact of these technologies on aesthetic choices. Significant time in the computer lab required. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. **Prerequisites:** MUS 130 and 322 3 credits

**MUS 341: Sound Design**

An investigation into the scientific, formal and artistic qualities of sound developed for students who may or may not have had formal musical training. Students will write reviews of sound pieces, create film or game soundtracks, and create sound-based artworks in response to course content, and write a paper on acoustic or psycho-acoustic phenomena. Emphasis is on studio production techniques, history of sound art and basic acoustics. Students will work on Apple computers in the SINC site and LTA. Formerly offered as CDT 341; not for credit in addition to CDT 341. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. **Prerequisite:** MUS 322 and 351 3 credits

**MUS 344: Audio Engineering**

A theoretical examination of the principals of operation of the essential components of the sound recording and reinforcement chain from acoustic venue, through transduction, electronic manipulation and storage, and the reproduction of the acoustic field in various listening environments. **Prerequisite:** MUS 322 and 351 3 credits

**MUS 350: Western Music Before 1600**

The vibrant traditions of Western music from Gregorian chant and the beginnings of polyphony to the suave motets of Palestrina and the expressive madrigals of Monteverdi. Emphasis is on learning to think historically, on development of writing skills, and on cultivation of listening skills. **Prerequisite:** MUS 130, 141, 220, and 321 4 credits

**MUS 351: Western Music 1600-1830**

Musical traditions in early modern Europe from Monteverdi through Beethoven. Study of diverse genres such as opera, cantata, symphony, and string quartet within their cultural contexts. Focus is on understanding of historical processes, on academic prose writing, and on comprehension of complex musical structures. **Prerequisite:** MUS 321 and 350 4 credits

**MUS 352: Western Music from 1830 to the Present**

Western musical traditions from Schubert through David Lang, John Zorn, and Laurie Anderson. Consideration of the central genres of orchestral, vocal, and chamber music and their transformations by various cultural and technological forces. Focus on music stylistic change and proliferation, and on academic writing about music. **Prerequisite:** MUS 322 and 351 4 credits

**MUS 361: Piano**

A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. **Prerequisite:** Audition required 4 credits

**MUS 362: Piano Pedagogy**

A study of pedagogical methods for teachers of elementary and intermediate level piano students. This course will provide students with the skills, tools, and resources necessary to develop into an effective private music teacher. Students of this course will explore the fundamentals of piano teaching and review common teaching materials, method books, repertoire, and techniques. Students will also explore the various elements involved in establishing and managing a private teaching studio. May be repeated once, for a total of 2 credits. **Prerequisite:** MUS 161 1 credit

**MUS 363: Harpsichord**

A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. **Prerequisite:** Audition required 4 credits

**MUS 365: Violin**

A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see
www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262
4 credits

MUS 366: Viola
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262
4 credits

MUS 367: Cello
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262
4 credits

MUS 366: String Bass
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262 or MUS 264 or MUS 267
4 credits

MUS 369: Classical Guitar
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 391 or MUS 266
4 credits

MUS 370: Flute
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
4 credits

MUS 371: Oboe
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisites: Audition required
Corequisite: MUS 262 or MUS 263
4 credits

MUS 372: Clarinet
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisites: Audition required
Corequisite: MUS 262 or MUS 263
4 credits

MUS 373: Bassoon
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisites: Audition required
Corequisite: MUS 262 or MUS 263
4 credits

MUS 375: Horn
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264
4 credits

MUS 376: Trumpet
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
4 credits

MUS 377: Trombone
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
4 credits

MUS 380: Percussion
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
4 credits
MUS 382: Voice
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisites: Audition required
Corequisite: MUS 261
4 credits

MUS 387: Other Instruments
A sixty minute individual lesson each week, with fifteen hours of practice required. Students are required to play for a jury at the end of each term. Open to music majors and, enrollment permitting, to other qualified students. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisites: Audition required
Corequisite: MUS 262 or MUS 263 or MUS 264 or MUS 267
4 credits

MUS 388: Fundamentals of Accompanying
Development of skills required of an accompanist, including sight-reading and instrumental and vocal accompany. Specific accompanying assignments are made throughout the semester. May be repeated once. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: MUS 161 or 361
2 credits

MUS 390: Advanced Accompanying
A study of advanced collaborative repertoire for the collaborative pianist. This course is designed for students who have a strong interest in furthering and deepen the study in collaborative piano and who have previously taken MUS 388 Fundamentals of Accompanying. May be repeated to a maximum of 4 credits.
Prerequisite: MUS 161 and MUS 388
Advisory Prerequisite: MUS 361
2 credits

MUS 391: Chamber Music
Ensembles formed by students enrolled in MUS 161 to 187 or MUS 361 to 387 Performance Study. Two hours of rehearsal per week under the supervision of a faculty member or graduate assistant. May be repeated. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Corequisite: Enrollment in private lessons, MUS 161 through 187, as appropriate
1 credit

MUS 421: Analysis of Tonal Music
An examination, through the study of selected works, of the action and interaction of harmonic progression, rhythm, meter, motive, texture, and line in defining and articulating tonal structures.
Prerequisite: MUS 322
Corequisite: MUS 331
3 credits

MUS 422: Analysis of Post-Tonal Music
Music to be studied is selected from representative works by Debussy, Bartok, Schoenberg, Stravinsky, Webern, and other composers of the 20th and 21st centuries.
Prerequisite: MUS 421
Advisory Prerequisite: MUS 352
3 credits

MUS 437: Electronic Music
Historical background, musical works, aesthetic concepts and creative approaches to electronic music. Basic acoustics and sound engineering skills; electronic/live sound production, recording, modification, and editing; critical listening, improvisation, timbral design; musique concrete and live performance will be included. Studio work includes technical practice and creative assignments. Technical background is not required. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: MUS 321; permission of instructor
SBC: TECH
3 credits

MUS 439: Composition
Open only to students demonstrating sufficient aptitude and capacity for original work. May be repeated.
Prerequisite: Permission of instructor and submission of portfolio to Director of Undergraduate Studies
Advisory Prerequisite: MUS 339
3 credits

MUS 444: Experiential Learning
This course is designed for students who engage in a substantial, structured experiential learning activity in conjunction with another class. Experiential learning occurs when knowledge acquired through formal learning and past experience are applied to a "real-world" setting or problem to create new knowledge through a process of reflection, critical analysis, feedback and synthesis. Beyond-the-classroom experiences that support experiential learning may include: service learning, mentored research, field work, or an internship.
Prerequisite: WRT 102 or equivalent; permission of the instructor and approval of the EXP+ contract (http://sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/degree_requirements/EXPplus.php)
SBC: EXP+
0 credit, S/U grading

MUS 450: Seminar in the History of Music
Advanced study of a topic in music history for music majors. Topics may include study of major composers, major genres, dramatic music, the relation of music and poetry in song, or an historically or geographically defined musical style. May be repeated as the topic changes.
Prerequisite: one of the following courses:
MUS 322, 323, 350, 351, 352
SBC: ESI, HFA+
3 credits

MUS 451: Senior Seminar in Ethnography of Music
Ethnography has grown increasingly central to the scholarly study of music. The engagement of living subjects can illuminate music and musical practice from all times and places. And yet, ethnographic methods are not easily defined, no less learned. The challenges of writing human lives compels us to think ethically, legally, interpersonally, philosophically, often all at once. This course asks students to read extensively in the history of ethnography, reflecting on its key arguments and genealogies.
Prerequisite: MUS 105 or MUS 109; U3 or U4 status
DEC: J
SBC: DIV, ESI, HFA+
3 credits

MUS 458: Speak Effectively Before an Audience
A zero credit course that may be taken in conjunction with any MUS course that provides opportunity to achieve the learning
MUSIC THEORY (MTY) - COURSES

outcomes of the Stony Brook Curriculum's SPK learning objective.

Pre- or corequisite: WRT 102 or equivalent; permission of the instructor

SBC: SPK
0 credit, S/U grading

MUS 459: Write Effectively in Music
The WRTD requirement for music majors will be fulfilled by submission of two approved papers: one from an advanced music history course, either MUS 351, MUS 352, or MUS 450, and one from an advanced music analysis course, either MUS 421 or MUS 422. Students will submit papers with an approval form, signed by the instructor of the course for which the paper was written, to the Director of Undergraduate Studies in Music, who will assign the grade.

Pre- or co-requisite: one of the following: MUS 351 or 352 or 450; one of the following: MUS 421 or 422

SBC: WRTD
0 credit, S/U grading

MUS 475: Undergraduate Teaching Practicum I
Each student receives regularly scheduled supervision from the instructor of the course specified as the forum for the practicum. Responsibilities may include conducting recitation sections of lower-division courses, preparing material for practice or discussion, and helping students with course problems.

Prerequisite: U3 or U4 standing; music major; permission of instructor and department

SBC: EXP+
3 credits, S/U grading

MUS 476: Undergraduate Teaching Practicum II
Each student receives regularly scheduled supervision from the instructor of the course specified as the forum for the practicum. Students assume greater responsibility in such areas as leading discussions and analyzing results of tests that have already been graded. Students may not serve as teaching assistants in the same course twice.

Prerequisites: MUS 475; permission of instructor and department

SBC: EXP+
3 credits, S/U grading

MUS 487: Independent Project
Individual study (may be an honor's project) under the guidance of a faculty member leading to a significant essay, music composition, lecture-recital, recital with researched program notes, or participation in a graduate music ensemble. Independent Projects used to fulfill the upper division elective requirement should be approved by the Undergraduate Studies Committee in the semester prior to the semester in which MUS 487 is undertaken.

Prerequisite: Permission of instructor; approval of department's undergraduate studies committee

0-6 credits

MUS 488: Internship
Internship projects arranged in consultation with a faculty member and an outside agency.

Prerequisite: U3 or U4 standing; 15 credits in music department courses; permission of department

SBC: EXP+
0-6 credits, S/U grading

MUS 491: Conducting
Manual technique and the analysis and preparation of scores for performance. May be repeated.

Prerequisite: MUS 322; permission of instructor
Corequisite: MUS 261 or 262 or 263

3 credits

MUS 495: Senior Honors Project in Music
A one-semester project for music who are candidates for the degree with departmental honors. Projects must have a public speaking component, for example a lecture-recital, a pre-concert talk about a composition, or a colloquium presentation of musicological research. Repeatable to a maximum of 6 credits.

Prerequisites: Permission of instructor and department

3 credits

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