

491, 492, 493, 494 **Research**

See the description of these courses at the beginning of the “Departments and Curricula” section of this catalog.

495, 496, 497, 498 **Individual Study**

See the description of these courses at the beginning of the “Departments and Curricula” section of this catalog.

### Music (MUSC)

George (chair), Banfield, Broeker, A. Bryan, M. Bryan, Callahan, Frazee, Gleason, Kachian, Korstvedt, Krebsbach, Scott; Allaire, Britton, Caviani, Dumas, Duna, Faricy, Garvin, Griffith, Haugen, Heberlein, Hejny, Jenkins, Lilienthal, Lorraine, Lund, Mensah, Sorenson, Strusinski, Titus, Van Nostrand; Brown, Brudnoy, Haagenson, Hauser, Jamieson, Jorstad, Keno, Kite, Livingston, McAfee, Merz, Morgan, Skaar, Strasser, Stuckey, Volpe

The faculty, students and staff of the University of St. Thomas Department of Music honor the innovations of the present and the traditions of the past by providing a vital, cohesive and creative environment by educating, facilitating and leading all individuals to realize their full potential in the development of their musical, artistic and career goals. Through performance, composition, research and teaching, the department enhances the cultural, spiritual and intellectual life of the university and the community.

Students majoring in music take courses in four areas: music theory, music history, performance studies, and ensembles.

Through the study of music theory, students develop an aural comprehension of tonal and non-tonal music, an understanding of the harmonic language and voice-leading principles of the “common-practice” style, and an understanding of the musical vocabulary, analytical systems, and structural and formal principles that apply to classical music since 1600. Students develop the necessary skills to read orchestral scores and to write in standard musical notation for the instruments of the orchestra. Students develop the ability to understand a wide range of musical traditions and cultural practices, ranging from the western classical tradition to the music of selected non-western cultures. Students will be able to discuss music critically, and will be prepared to engage in meaningful research in musical fields. Student performers will develop an expressive interpretation of solo repertoire through an understanding of compositional process and historical style with the necessary technical proficiency. Students will demonstrate advanced ensemble skills and contextual understandings of repertoire by artistically performing music representing a variety of genres, stylistic periods and cultures.

Students majoring in music may not have a letter grade lower than C- in a required music course.

The department offers minors for those students who have an interest in music, but do not wish to major in the field.

A variety of musical ensembles are available for instrumentalists and vocalists, regardless of major.

Individual instrumental, vocal, and composition lessons are available on a credit basis through the department, or on a non-credit basis through the St. Thomas Conservatory of Music.

More information concerning the department’s offerings may be found in the *Handbook for Music Students*, which is available in the department office.

The department also offers a number of courses for non-majors that fulfill the Fine Arts, Human Diversity, and second-level Computer Competency components of the core curriculum.

The University of St. Thomas is a member of the National Association of Schools of Music.

### Major in Music

MUSC 112	Introduction to Music (students testing out of 112 take MUSC 115)
MUSC 113	Theory I
MUSC 212	Theory II
MUSC 213	Theory III
MUSC 312	Theory IV
MUSC 411	History and Literature of Music I
MUSC 412	History and Literature of Music II
MUSN 1xx	Ensemble participation (see note below)
MUSP 102 or 103	Skills for Piano Proficiency
MUSP 2xx	Eight semesters of performance studies in the same performance medium (2 credits per semester)
MUSR 200	Piano Proficiency (0 credit)
MUSR 270	Level I Recital (0 credit)
MUSR 350	Level II Recital (0 credit)
MUSR 450	Level III Recital (0 credit)

## Departments

### *Guidelines for choosing an ensemble:*

Every music major is required to register for and successfully complete an ensemble during each semester of full-time enrollment. A minimum of eight semesters of ensemble participation is required for graduation regardless of full- or part-time status. (Students majoring in music register for ensembles on an audit basis.)

If principal instrument is:

*Piano* – at least two semesters in 171; at least two semesters in 172; at least two semesters in one of: 143, 160, 181, 185, 186, 190; two semesters may be in 161, 182, 183

*Voice* – at least eight semesters in choral ensembles (a maximum of six semesters in any one of: 140, 142, 143, 160; a maximum of two semesters in 190; Music/Business majors may have a maximum of four semesters in any one choir

*Woodwind, brass, or percussion* – at least eight semesters in 185 or 186

*Orchestral string* – at least eight semesters in 181

*Guitar* – at least six semesters in 173; at least two semesters in 174

*Other instruments* – at least eight semesters chosen from: 143, 160, 171, 172, 181, 185, 190

### *Allied requirements*

PHYS105 Musical Acoustics

Four credits in Art History or Theater

### **Concentration in Liturgical Music**

(Open only to students whose principal instrument is voice, keyboard, guitar, or by special permission of the chair.)

MUSC 112 Introduction to Music (students testing out of 112 take MUSC 115)

MUSC 113 Theory I

MUSC 212 Theory II

MUSC 213 Theory III

MUSC 312 Theory IV

MUSC 351 Introduction to Conducting (2 credits)

MUSC 411 History and Literature of Music I

MUSC 412 History and Literature of Music II

MUSP 231 Performance Studies (14 credits over seven semesters)

### *Plus ensemble participation for eight semesters (audit):*

MUSN 143 Liturgical Choir (six semesters)

MUSN 140/142/160 Women's Choir/Chamber Singers/Concert Choir (for voice majors)

MUSN 172 Accompanying ensemble (keyboard majors)

MUSN 173/174 Guitar Ensembles (guitar majors)

### *Plus four semesters (if principal instrument is not voice) (1 credit each semester)*

MUSP 133 Voice: Elective

### *Allied Requirements*

THEO 101 Christian Theological Tradition

### *Plus one of:*

THEO 205 Old Testament

THEO 210 New Testament

### *Plus one of:*

THEO 310 Christian Worship

THEO 313 Christian Sacramentality

### *Plus one of:*

THEO 356 Music and the Bible

THEO 357 Sacred Music of the Catholic Heritage

### *Plus:*

IDSC 478 Experiential Learning

PHYS 105 Musical Acoustics

### *Plus one of:*

ARTH 280 Sacred Architecture and Space

ARTH 335 Cathedrals, Monasteries, and Caliphates

ARTH 340 Southern Renaissance Art and Society

ARTH 342 Renaissance and Reformation in Northern Europe

*Recommended:*

MUSC 352 Choral Conducting

**Concentration in Music/Business**

This emphasis allows a person to have a solid music foundation while pursuing a related field in business. The seminar and internship included in this emphasis help the student focus on the type of music business that is of interest to him/her.

MUSC 112 Introduction to Music (students testing out of 112 take MUSC 115)  
 MUSC 113 Theory I  
 MUSC 212 Theory II  
 MUSC 213 Theory III  
 MUSC 312 Theory IV  
 MUSC 411 History and Literature of Music I  
 MUSC 412 History and Literature of Music II  
 MUSC 480 Music/Business Seminar  
 MUSN 1xx Ensemble participation (see note under Major in Music)  
 MUSP 102 or 103 Skills for Piano Proficiency  
 MUSR 200 Piano Proficiency  
 MUSP 2xx Six semesters of performance studies in the same performance medium  
 (2 credits per semester)  
 MUSR 270 Level I Recital  
 MUSR 350 Level II Recital

*Allied requirements*

ECON 252 Principles of Microeconomics  
 ENTR 300 Entrepreneurship for Non-majors  
 IDSC 475 Experiential Learning: Career Exploration Externship (2 credits)

*Plus:*

Sixteen additional credits in business courses chosen in consultation with the program adviser (all prerequisites for the courses selected must be satisfied)

*Plus:*

PHYS 105 Musical Acoustics  
 Four credits in Art History or Theater

**Major in Music Education**

Instrumental and Classroom Music (K-12)  
 Vocal and Classroom Music (K-12)  
*See Department of Teacher Education*

**Minor in Music**

MUSC 112 Introduction to Music (students testing out of 112 take MUSC 115)  
 MUSC 113 Theory I  
 MUSC 412 History and Literature of Music II  
 MUSN 1xx Four semesters in appropriate ensemble for principal instrument  
 (see guidelines under Major in Music)  
 MUSP 1xx Four semesters (50-minute lessons) in same performance medium  
 (1 credit per semester)  
 MUSR 270 Level I Recital

*Plus one of the following:*

MUSC 212 Theory II  
 MUSC 411 History and Literature of Music I

**Minor in Electronic Music Production**

112 Introduction to Music (students testing out of 112 take MUSC 115)  
 113 Theory I  
 212 Theory II  
 150 MIDI Studio (2 credits)  
 180 Multi-Track Tape Recording (2 credits)  
 220 Digital Recording/Sampling (2 credits)  
 240 Musical Audio Post Production (2 credits)

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### *Allied requirement*

PHYS 105 Musical Acoustics

### **Minor in Jazz Studies**

MUSC 125 Jazz Theory I (2 credits)  
MUSC 126 Fundamentals of Jazz Musicianship I (2 credits)  
MUSC 216 Jazz in America  
MUSC 223 Jazz Arranging (2 credits)  
MUSC 226 Fundamentals of Jazz Musicianship II (2 credits)  
MUSP 1xx Four semesters of performance jazz studies (50-minute lessons)  
MUSR 290 Jazz Recital

### *Plus two of:*

MUSC 224 Jazz Composition/Song Writing (2 credits)  
MUSC 225 Jazz Theory II (2 credits)  
MUSC 228 Advanced Jazz Arranging (2 credits)

### *Plus four semesters in:*

MUSN 182 or 183 Instrumental Jazz Ensemble or Jazz Singers

### **Music Courses (MUSC)**

#### **112 Introduction to Music (115, 217, 219)**

An introduction to the history, literature, and theory of music. This course establishes fundamental theoretical concepts and skills, provides an historical overview of western art music, and includes an introduction to world music. Meaning, expression, and music in culture are explored through discussion, critical listening, reading, and writing. Offered fall semester.

#### **113 Theory I**

Basic materials and structures of music, approached through analysis and experience. The four-semester sequence integrates sight-singing and ear-training with the analysis of harmony, form and contrapuntal procedures from the 16th through the 20th centuries. Assignments will include the development of compositional and arranging skills including those skills needed to write for the standard instruments of the wind ensemble and orchestra. Lecture plus 100 minutes laboratory per week. Offered spring semester.

Prerequisite: 112

#### **115 Understanding Music & Culture (112, 118, 119)**

This survey course explores the classics of European and American music in their historical, cultural and social contexts. It will investigate the many ethnic, religious, political, philosophical, economic and scientific influences that have shaped these traditions. This course is designed to enable students, regardless of musical background or ability, to increase their understanding of music. The listening skill and knowledge acquired will provide a foundation for students to become more critical and discerning listeners of music of all types. This course fulfills the Fine Arts requirement in the core curriculum.

#### **118 Understanding Music & Culture to 1850 (112, 115)**

**2 credits**

The first half of 115, the general survey of music up to approximately 1850. This course partially fulfills the Fine Arts requirement in the core curriculum. Offered in January term.

#### **119 Understanding Music & Culture 1850 to Present (112, 115)**

**2 credits**

The second half of 115, the general survey of music, beginning around 1850 and continuing the survey to the present. This course partially fulfills the Fine Arts requirement in the core curriculum. Offered in January term.  
Prerequisite: 118

#### **120 Orchestral Literature**

This course presents an overview of orchestral and instrumental chamber music, combining a critical and historical study of music with the regular experience of hearing live music. The course includes preparation for seven Wednesday evening concerts at Orchestra Hall as well as in-class presentations which cover knowledge and appreciation of music, musical performance, and the creative process. This course fulfills the Fine Arts requirement in the core curriculum.

#### **125 Jazz Theory I**

**2 credits**

This course will present a detailed exploration of the harmonic vocabulary used in jazz performance. The course will cover basic chord construction as well as chord extensions and alterations. The chords will be presented with their related modes and scales so the student may be able to analyze the relationship of melody to harmony. The student will learn several approaches to chord substitution including the chromatic dominant approach and substitution based on plurality.

Prerequisite: Ability to read music

**126 Fundamentals of Jazz Musicianship I**

**2 credits**

This course is designed to give the student a working knowledge of the skills required for jazz performance and research of historical performance practice. Study will include rhythm (how to swing); melody (how to jazz it up); harmony (how to jazz it up part 2). All styles of jazz will be examined, beginning with blues, modal tunes and the study of jazz standards. A systematic approach to the art of improvisation with emphasis placed on ear training exercises, in-class improvisation and performance. This course is open to all instrumentalists and singers.

**130 Introduction to World Music**

This course studies the phenomenon of music as an activity in people's lives. Students will be guided to think critically about music employing a multicultural perspective. Models will be presented to provide a context in which music serves as part of larger social ritual. The music of selected cultures such as Africa, the Middle East, China, Japan, India, Native American and American popular music in addition to European classical music will be covered. Designed for the non-major. This course fulfills the Fine Arts and the Human Diversity requirements in the core curriculum.

**150 MIDI Studio**

**2 credits**

Work with synthesizers and record the results with a Macintosh computer in a state-of-the-art MIDI studio. Special emphasis is placed on sequencing techniques and music editing on multi-track arrangements. Basic-to-advanced MIDI functions will be explained and utilized in team studio sessions. This course partially fulfills the second-level Computer Competency requirement in the core curriculum.

**176 German Diction for Singers**

**1 credit**

An introduction to German pronunciation, utilizing the International Phonetic Alphabet. A guide to the use of the dictionary in the language. Special emphasis on the problems encountered by the singer.

**177 French Diction for Singers**

**1 credit**

An introduction to French pronunciation, utilizing the International Phonetic Alphabet. A guide to the use of the dictionary in the language. Special emphasis on the problems encountered by the singer.

**180 Multi-Track Tape Recording**

**2 credits**

Students will learn to record and mix music in an up-to-date multi-track recording studio: effects processors, compressor/limiter, vocal booth, large console, 8-track deck and more. Add to the recording by synchronizing the Macintosh computer and sequenced synthesizers. Operation of a mixing board and stereo mixdown will be covered early in the semester. This course partially fulfills the second-level Computer Competency requirement in the core curriculum.

Prerequisite: 150

**212 Theory II**

Continuation of 113. Offered in fall semester.

Prerequisite: 113 or successful placement test

**213 Theory III**

Continuation of 212. Offered in spring semester.

Prerequisite: 212 or successful placement test

**216 Jazz in America**

The origins and history of jazz in the United States. Various phases in the development of jazz style are discussed. Blues, ragtime, Dixieland, swing, bop, cool jazz, fusion, as well as other recent developments in jazz performances are investigated. An essential part of the course is the analysis and evaluation of recorded performances by outstanding jazz musicians. Designed for non-majors as well as an elective for music majors interested in jazz. Offered fall semester. This course fulfills the Fine Arts and Human Diversity requirements in the core curriculum.

**217 Music of the Americas (112)**

A survey of music from the sixteenth century to the present as found in the Western hemisphere. Primarily concerned with the European influence brought by the various colonizing nations, some time is spent with the folk music of Canada, the United States and Latin America. Music of non-Western cultures are discussed as they relate to the native American and African-American influences in the New World. Designed for the non-major. This course fulfills the Fine Arts and Human Diversity requirements in the core curriculum.

**218 Black American Music: An Historical Survey**

This course explores and examines the history and musical practices of Black American artists and music dating from Francis Johnson of the late 18th century to contemporary artists such as Prince, Sweet Honey in the Rock, and Wynton Marsalis. Styles examined and discussed begin with the formation of the spirituals, blues and jazz to contemporary concert composers (Anthony Davis, Tania Leon), to Motown, soul, rap, and other popular American music forms. This course fulfills the Fine Arts and Human Diversity requirements in the core curriculum.

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### 219 Music in the United States (112)

A survey of music heard in the United States from pre-Revolutionary days to the present, including discussions of the popular, folk and concert music. Particular emphasis will be given to forms of music which are unique to this country because of the diversity of its population. Designed for the non-major. This course fulfills the Fine Arts requirement in the core curriculum. Offered in fall semester.

### 220 Digital Recording and Sampling

2 credits

Recording music and sound effects into the Macintosh and combining the results with MIDI sequences will be covered in this course. Students will sample both live sounds and material from compact-disc libraries, then edit them and finally place them alongside instrumental MIDI tracks. Subjects covered: digital recording theory and practice, digital media, evolution of digital technology, new equipment, musical applications. This course partially fulfills the second-level Computer Competency requirement in the core curriculum.

Prerequisite: 150

### 222 The Theology of American Popular Music

An examination of contemporary popular American music (spirituals, blues, jazz, rock, pop, and hip-hop) and discussion of the theological and artistic implications of these styles and traditions. The course will place an emphasis on their dual nature as cultural products expressing political and physical liberation as well as road maps for specific theological and spiritual world views. This course fulfills the Fine Arts requirement in the core curriculum.

### 223 Jazz Arranging

2 credits

The emphasis of this course is to introduce arranging concepts for instrumental and vocal applications. A basic overview of arranging materials (i.e. chord voicing, discussion of forms, music notation, ranges, vocal and instrumental differences, transpositions, rhythm section writing, and the construction of introductions and codas) will be covered. In addition, several scores will be discussed and analyzed.

### 224 Jazz Composition/Song Writing

2 credits

Introduces the concept of the nine basic chord families and the scales that play through each chord. Also covers polychords and their applications to conventional chord symbols. Study the craft of song and lyric writing.

Prerequisite: 125 or 126 or permission of the instructor

### 225 Jazz Theory II

2 credits

Continuation of 125. This course covers complex modes, altered scales, bitonality and advanced application of pentatonic scales. The student also will study tritonic and tetratonic scale structures and analyze selected jazz solos to understand their melodic and harmonic content.

Prerequisite: 125

### 226 Fundamentals of Jazz Musicianship II

2 credits

Continuation of 126. Further study of standards, including bebop, post bop, jazz-rock fusion and other contemporary styles.

Prerequisite: 126

### 228 Advanced Jazz Arranging

2 credits

Continuation of 223 with emphasis on both vocal and instrumental writing. The student will arrange selected jazz standards for the following ensembles: three horns with rhythm section, vocal jazz group (four voices, with and without rhythm section), and big band. The student also will study existing arrangements of Horace Silver, Duke Ellington, Manhattan Transfer and Gil Evans.

Prerequisites: 125 and 223 and 226

### 240 Music/Audio Post Production

2 credits

Emphasis is placed on the creation of soundtracks for video. Source material will come from taped television broadcasts, commercial tapes and in-house video productions. Elements of synchronization (VITC, SMPTE) will be explored. Writing musical soundtracks for advertisements and programs, students will have the opportunity to lay-in sound effects and dialogue using the Macintosh computer and digital recording and sequencing software and hardware. This course partially fulfills the second-level Computer Competency requirement in the core curriculum.

Prerequisite: 220

### 281 Introduction to Accompanying

2 credits

This course focuses on topics related to the accompanying of singers and solo instrumentalists.

### 295, 296, 297, 298 Topics

The subject matter of these courses, announced in the annual *Class Schedule*, will vary from year to year, but will

not duplicate existing courses. See the description of these courses at the beginning of the “Departments and Curricula” section of this catalog.

**300 Introduction to Piano Pedagogy** 2 credits

This class will survey methods and materials for piano study at various levels of advancement. Discussions will include principles of technique, learning theories, musicianship and performance skills. Class members will be required to observe piano lessons. Although the course is designed primarily for music majors (pianists), other qualified students may be admitted with the consent of the instructor.

**303 Music Notation on Computer** 2 credits

Develop skills in using music publishing software. Intended for composers, music educators, choral and instrumental conductors and anyone interested in producing print-quality music using the Macintosh or IBM. This course partially fulfills the second-level Computer Competency requirement in the core curriculum.

**307 Guitar Pedagogy** 2 credits

Historical overview of teaching methods beginning through advanced primers and student repertoire, exposure to all types of notational systems and discussion of professional teacher preparation.

**312 Theory IV**

Continuation of 213. Offered in fall semester.

Prerequisite: 213, or successful placement test

**318 Voice Literature**

A survey of song literature by outstanding composers in Italy, France, Germany, Spain, Russia, Great Britain and America from 1800 to the present. Areas explored include performance, analysis of poetry and music, and comparison of nationalistic styles.

**319 Piano Literature**

A survey of keyboard literature from the beginning of the 18th century to the present day. Primarily for the music major (pianist) but open to all interested in piano literature.

**320 Guitar Literature**

A selected chronological survey of solo, ensemble and chamber ensemble literature for guitar from the 15th through the 20th centuries, including transcriptions from early music to popular.

**335 Topics in World Music** 2 credits

Each time this course is offered, it presents an in-depth survey of the music of a particular culture, exploring the music of: East India, Java, the Orient, Africa, the Middle East, Native Americans, etc.

**351 Introduction to Conducting** 2 credits

Content of the course includes basic conducting patterns and gestures, general knowledge of score types (choral, orchestral, band), score study and basic rehearsal planning. Practice in conducting small ensembles will be provided. Offered in fall semester of even-numbered years.

**352 Choral Conducting**

Includes advanced choral conducting and rehearsal techniques, the study of performance practices, and a survey of choral literature appropriate for use in school or church choirs. Consideration is given to the daily rehearsal plan, rehearsal techniques and classroom management as these relate to the expected outcome of the entire unit. Laboratory method. Offered in spring semester of odd-numbered years.

Prerequisite: 351

**353 Instrumental Conducting**

As a continuation of 351, the conducting student will learn more complex conducting patterns and refined expressive gestures. A survey of the literature for orchestra and band with an in-depth study of selected pieces. An introduction to directing the jazz ensemble and marching band, including computer-assisted field show charting. Consideration also is given to the daily rehearsal plan, rehearsal techniques and classroom management as these relate to the expected outcome of the entire unit. Offered in spring semester of odd-numbered years.

Prerequisite: 351

**411 History and Literature of Music I**

A survey of Western European music to 1800: the medieval, Renaissance, Baroque and Classical periods. Historical development, social context, forms, styles and issues of expression are explored. Offered in fall semester.

**412 History and Literature of Music II**

A survey of Western European music from 1800 to the present: the Romantic period and the twentieth century. This course includes traditional musics of the world and selected American popular styles. Emphasis is on social

## Departments

context and issues of meaning and expression. Continuation of 411. This course fulfills the Fine Arts requirement in the core curriculum. Offered in spring semester.

### 416 Orchestration 2 credits

Ranges, timbres, and performance characteristics of string, winds and percussion instruments in the western tradition. Scoring for small and large ensembles of such instruments.

Prerequisite: 200, 312

### 475, 476, 477, 478 Experiential Learning

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

### 480 Music/Business Seminar

A course involving individual research that is shared among the participants. Guest speakers from various areas of music business, the electronic media industries and arts management make presentations to the seminar, which is under the direction of a faculty coordinator. A major research project is required.

### 483, 484, 485, 486 Seminar

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

### 487, 488, 489, 490 Topics

The subject matter of these courses, announced in the annual *Class Schedule*, will vary from year to year, but will not duplicate existing courses. See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

### 491, 492, 493, 494 Research

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

### 495, 496, 497, 498 Individual Study

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

## Music Ensembles (MUSN)

Membership in music ensembles is based upon a successful audition. Students may register for the same ensemble in as many semesters as desired.

The Fine Arts requirement may be fulfilled by four semesters of participation in one of the following ensembles: 140, 142, 143, 160, 185, 186. A total of four semesters in 142 and 160 or 185 and 186 will also fulfill the requirement. Other combinations must be approved by the department chair. There is no tuition charged for ensemble registration.

Students majoring in music are required to register for and successfully complete an ensemble during each semester of full-time enrollment. A minimum of eight semesters is required for graduation regardless of full- or part-time status. (See specific ensemble requirements for various major emphases in the first part of the music section of this catalog, or consult the *Handbook for Music Students* available from the Department of Music office.) Music majors audit all ensembles.

### 140 Women's Choir 1 credit

A vocal ensemble that explores the wide variety of secular and sacred repertoire composed for women's voices. Choral literature performed includes unaccompanied works as well as works performed with a professional chamber orchestra. Major performances are given each semester and may include exchange/joint concerts with other choirs. Three rehearsals a week. Membership by audition. Four semesters of participation fulfill the Fine Arts requirement in the core curriculum.

### 142 Chamber Singers 1 credit

A mixed vocal ensemble of 20-30 members that will study and perform materials appropriate to the chamber ensemble; repertoire will include secular and sacred literature. Major performances are given each semester and may include exchange/joint concerts with other choirs. Three rehearsals per week. Membership by audition. Four semesters of participation fulfill the Fine Arts requirement in the core curriculum.

### 143 Liturgical Choir 1 credit

Liturgical Choir is an ensemble of students of varied faith and cultural backgrounds that sings for services in the UST chapel. Local, regional and international tours are part of the choir's ministry as well as concert performances with other Music Department ensembles. Two rehearsals a week plus bi-weekly Sunday chapel liturgies. Membership by audition. Four semesters of participation fulfill the Fine Arts requirement in the core curriculum.

### 151 Schola Cantorum 1 credit

This vocal ensemble focuses primarily on early Plainchant from the Gregorian chant tradition as well as contem-

porary chant repertoire. Historical and modern chant notations are studied and repertoire will be performed in the context of both liturgical service and concert. Membership by audition.

- 160 Concert Choir** **1 credit**  
A mixed vocal ensemble that performs a variety of secular and sacred repertoire from the Middle Ages to the 20th century. Choral literature performed includes unaccompanied works as well as works with professional chamber orchestra. Major performances are given each semester and may include exchange/joint concerts with other choirs. Tours locally, nationally and internationally. Three rehearsals a week. Membership by audition. Four semesters of participation fulfill the Fine Arts requirement in the core curriculum.
- 161 String Ensembles** **1 credit**  
Formation of string trios, quartets, quintets. Ensembles meet once a week and are coached by a member of the string faculty. Membership by audition.
- 162 Flute Ensembles** **1 credit**  
Formation of trios, quartets and other small ensembles, dependent upon personnel available. Ensembles may include piccolo, soprano flutes, alto flute and bass flute. Ensembles meet once a week and are coached by a member of the woodwind faculty. Membership by audition.
- 163 Clarinet Ensembles** **1 credit**  
Formation of small ensembles involving various members of the clarinet family. Ensembles meet once a week and are coached by a member of the woodwind faculty. Membership by audition.
- 164 Saxophone Ensembles** **1 credit**  
Formation of small ensembles involving various members of the saxophone family. Ensembles meet once a week and are coached by a member of the woodwind faculty. Membership by audition.
- 165 Woodwind Ensembles** **1 credit**  
Formation of mixed woodwinds and horn to form quartets and quintets. Ensembles meet once a week and are coached by a member of the woodwind faculty. Membership by audition.
- 166 Brass Choir** **1 credit**  
Formation of small and large ensembles using only brass and sometimes percussion instruments. The choir, directed by a member of the brass faculty, gives regularly scheduled public performances. Membership by audition.
- 167 Percussion Ensembles** **1 credit**  
A variety of mallet and stick instruments are used to form these ensembles. Ensembles meet once a week and are coached by a member of the percussion faculty. Membership by audition.
- 169 African Music Ensemble** **1 credit**  
This course provides a non-Western music performance experience. The repertoire to be studied includes traditional genres such as Adowa, Agbadza, Gota, Kpanlogo, Boboobo, and includes contemporary compositions. Three main areas in the ensemble are drumming, flutes and vocal. No prior experience is necessary for this ensemble. An audition is required.
- 170 Handbell Choir** **1 credit**  
This instrumental ensemble performs with both English and Dutch handbells. Repertoire consists of arrangements for two to five octaves from a variety of musical periods and styles as well as music composed specifically for the expanding contemporary handbell literature. Performances include monthly appearances in chapel liturgical settings as well as regular campus and public performances. No previous handbell experience necessary but ability to read music is required. Membership by audition or permission of instructor.
- 171 Piano Ensembles** **1 credit**  
Study and performance of duets and two-piano music. One major performance per semester. Membership by audition.
- 172 Accompanying Ensembles** **1 credit**  
Qualified pianists have the opportunity to accompany solo vocalists and solo instrumentalists. This is a one-on-one situation for the student and instructor. Membership by audition.
- 173 Guitar Ensemble** **1 credit**  
Study, performance and recording of music for multiple guitars and bass from Renaissance through twentieth-century composers including American jazz and rock styles. Repertoire includes original works, transcriptions, and arrangements. Opportunities provided for students to learn improvisation, composition, and arrangement.

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- 174 **Guitar Small Ensemble** 1 credit  
The study and performance of music for guitar and diverse instruments, including bass and drums. At least one major performance per semester.
- 181 **Orchestra** 1 credit  
Study and performance of music from early Baroque through contemporary. Basic orchestral performance skills and player responsibilities are discussed for ensemble playing. Four major performances a year. Membership by audition.
- 182 **Instrumental Jazz Ensemble** 1 credit  
Study and performance of instrumental jazz in various styles with exposure to improvisation. Formal concert is presented each semester, and informal campus appearances occur on a regular basis. Membership by audition.
- 183 **Jazz Singers** 1 credit  
Study and performance of vocal jazz in various styles. Group is limited in size, thus allowing each member to develop independence in singing and microphone technique. Membership by audition.
- 185 **Symphonic Band** 1 credit  
Study and performance of original works for wind-band; transcriptions, manuscripts, and solo repertoire with band accompaniment. Three rehearsals per week; regular series of concerts, including regional, national and international tours. Private lessons recommended. Membership by audition. Four semesters of participation fulfill the Fine Arts requirement in the core curriculum.
- 186 **Symphonic Wind Ensemble** 1 credit  
This course is designed for the advanced woodwind, brass and percussion student. A select group of approximately forty musicians studies and performs music primarily written for the wind ensemble genre. Literature studied and performed comes from a diversity of cultures and style periods. The Wind Ensemble gives public performances on a regular basis throughout the school year including regional, national and international tours. Meets three times a week. Membership by audition. Four semesters of participation fulfill the Fine Arts requirement in the core curriculum.
- 190 **Music Theater Production** 1 credit  
Musical and dramatic preparation of a musical show or opera, leading to complete performance with costumes, set and orchestra. Participation by audition.
- 191 **Music Theater Scenes** 1 credit  
Musical and dramatic preparation of scenes from musical shows or operas. An informal performance may be presented. Participation by audition.
- 196 **Topics Ensembles** 1 credit  
The ensemble(s) will be announced in the annual *Class Schedule*. Content will vary but will not duplicate existing ensembles.

### Performance Studies (MUSP)

Performance studies are generally on an individual basis, although some group lessons are available.

A course fee is charged for all performance studies, based on the length of the lesson.

#### *Elective Level*

Performance studies on the elective level are available for all students. No audition is required for elective studies. These courses are designed for non-majors who are interested in beginning or continuing study on an instrument or voice. Students wishing to study piano, having little or no previous study on the instrument, are encouraged to register for group lessons. Half-hour or 50-minute lessons are available. Twelve lessons are scheduled each semester. A minimum of six hours a week practice is required. These courses must be taken for credit. They cannot be audited. Performance studies do not fulfill the Fine Arts requirement.

- 101 **Group Piano** 1 credit  
This course is designed for students who have little or no piano background. The small group setting includes work on keyboard technique, reading music, transposing, improvising, playing by ear and harmonizing melodies. Groups are limited to eight students and meet for an hour each week. This course may be repeated.
- 102 **Skills for Piano Proficiency (non-piano majors)** 0 credit  
This course teaches the skills required for the piano proficiency exam, which include basic keyboard technique, sight-reading simple melodies, basic accompanying, transposing and harmonizing melodies, scale and arpeggio technique. Students whose principal instrument is other than piano are required to enroll in this course.  
Prerequisite: Music major with principal instrument other than piano.

**Music**

103	<b>Skills for Piano Proficiency (piano majors)</b>	0 credit
	This course is similar to 102, but designed for the piano proficiency exam required of music majors whose principal instrument is piano.	
106	<b>Class Piano</b>	1 credit
	Keyboard instruction in an electronic piano laboratory. Course designed for beginners or students with limited experience.	
108	<b>Class Voice</b>	1 credit
	Designed for non-music majors who wish to study voice and also for non-vocal music majors who wish to develop their singing in a class situation.	
110	<b>Digital Music Lessons</b>	1 credit
	These lessons focus on Hard-Disk Recording and MIDI-Sequencing and are designed with the modern musician in mind. Each week students witness the demonstration of professional recording techniques in one of the UST computerized recording studios. Then they apply their new skills to original compositions in scheduled studio sessions. Some of the subjects covered: Multi-tracking, Automation, Groove Quantizing, Harmonizing, Music Notation, and Miking. Students may have their choice of MIDI-controllers: guitar, keyboard, or drum-machine pads.	
	Prerequisite: Basic computer and music-making skills	
121	<b>Harpichord: elective</b>	1 credit
122	<b>Lute: elective</b>	1 credit
128	<b>Recorder: elective</b>	1 credit
131	<b>Piano: elective</b>	1 credit
133	<b>Voice: elective</b>	1 credit
135	<b>Organ: elective</b>	1 credit
136	<b>Flute: elective</b>	1 credit
137	<b>Oboe: elective</b>	1 credit
138	<b>Clarinet: elective</b>	1 credit
139	<b>Bassoon: elective</b>	1 credit
141	<b>Saxophone: elective</b>	1 credit
144	<b>Trumpet: elective</b>	1 credit
145	<b>French horn: elective</b>	1 credit
146	<b>Trombone: elective</b>	1 credit
147	<b>Euphonium: elective</b>	1 credit
148	<b>Tuba: elective</b>	1 credit
149	<b>Percussion: elective</b>	1 credit
152	<b>Jazz/Pop Vocal: elective</b>	1 credit
	Covers techniques for communicative lyric singing, including repertoire from different eras of the American music spectrum. Considers stage presence, microphone technique, vocal inflection and communication with an accompanist or rhythm section. Improvisation may also be explored.	
153	<b>Jazz Piano: elective</b>	1 credit
	Individual studies with a jazz pianist, developing jazz style and working on improvisation.	
	Prerequisite: Some facility on the piano.	
154	<b>Violin: elective</b>	1 credit
155	<b>Viola: elective</b>	1 credit
156	<b>Cello: elective</b>	1 credit
157	<b>Double Bass: elective</b>	1 credit
158	<b>Guitar: elective</b>	1 credit

## Departments

159	Harp: elective	1 credit
168	<b>African Drumming: elective</b>	1 credit
	Study the art and techniques of both hand and stick drumming in West African traditions. Covers a wide variety of repertoire (Agbadza, Kpanlogo, Adowa, Gota, etc.), including those performed by the African Music Ensemble.	
187	<b>Electric Guitar: elective</b>	1 credit
	Students will study basic to advanced plectrum and fingerstyle techniques as they apply to the amplified guitar. Other topics will include fretboard theory, improvisation, ensemble performance practice and current technologies in amplification and MIDI applications. Repertoire will include all American popular music styles .	
188	<b>Flamenco Guitar: elective</b>	1 credit
	Students will study the techniques involved in picado, arpeggio, tremolo, and rasqueado. The course includes intensive study of various rhythms and styles including Sevillanas, Soleareas, Alegrias, Siguiryas, Tango, Bulerias, Tiento, etc., and an introduction to basic flamenco dance and song accompaniment. Students will learn about the Gypsy and Moorish influences on the history of this artform.	
	<i>Performance Level</i>	
	Performance studies at the performance level are required of music majors on their principal instrument. An audition before the music faculty is required for performance-level studies. Qualified non-majors also may audition. Twelve 50-minute lessons are scheduled each semester. A minimum of 12 hours a week practice is required. These lessons provide an in-depth study of representative literature for the instrument. Juries and recitals are required of all students taking performance-level studies. See the <i>Handbook for Music Students</i> .	
221	Harpichord: performance	2 credits
231	Piano: performance	2 credits
233	Voice: performance	2 credits
235	Organ: performance	2 credits
236	Flute: performance	2 credits
237	Oboe: performance	2 credits
238	Clarinet: performance	2 credits
239	Bassoon: performance	2 credits
241	Saxophone: performance	2 credits
244	Trumpet: performance	2 credits
245	French horn: performance	2 credits
246	Trombone: performance	2 credits
247	Euphonium: performance	2 credits
248	Tuba: performance	2 credits
249	Percussion: performance	2 credits
254	Violin: performance	2 credits
255	Viola: performance	2 credits
256	Cello: performance	2 credits
257	Double Bass: performance	2 credits
258	Guitar: performance	2 credits
259	Harp: performance	2 credits
265	<b>Music composition</b>	1 credit
	The course aims at developing the student's own imagination and musical style, as well as providing studies for the developing of technical and notational skills. Individual guidance and group meetings. Half-hour sessions. Prerequisite: 212 and permission of instructor	

266 **Music Composition** 2 credits  
 Same as 265, but 50-minute sessions.  
 Prerequisite: 212 and permission of instructor

**Music Proficiencies and Recitals (MUSR)**

Piano proficiency is required in all of the major emphases.

Recitals are required in all major emphases and in some minor emphases.

Recitals and proficiencies carry no course credit. All MUSR courses are graded on an S-R basis.

200 **Piano Proficiency** 0 credit

Required of all majors, piano proficiency should be completed by the end of the second year of study. See the *Handbook for Music Students* for specific details of the proficiency examination.

270 **Level I Recital** 0 credit

A Level I recital can be given in any semester. It requires a minimum of 15 minutes of music. A student performing at this level usually will be presented on a program with two or three other students.

290 **Jazz Recital** 0 credit

A Jazz recital is required of all students in the Jazz Studies minor. A minimum of five songs is required with one from each of the following categories: standard; ballad; swing; bossa nova, samba or other Latin style; and bop. Brass, winds and singers must be accompanied by piano, bass and drums. Piano and guitar must be accompanied by bass and drums and play one selection as a soloist without the rhythm section. Bassists will be accompanied by piano and drums and must play the melody on all selections. Percussionists will appear with piano and bass, and will be required to play one selection on vibraphone.

350 **Level II Recital** 0 credit

A Level II recital can be given in any semester. It requires a minimum of 25 minutes of music. Students performing at this level usually will be presented with one or two other students in the recital.

Prerequisite: 270

400 **Festival Orchestra Honors Concert** 0 credit

This concert is presented in the spring semester. Professional musicians from the Twin Cities area are hired to form the orchestra, and students are auditioned in December to perform vocal or instrumental music that originally was intended to be presented with orchestra. Festival Orchestra auditions are open to all full-time St. Thomas undergraduate students and graduate students currently enrolled in performance studies. See the *Handbook for Music Students* for details.

450 **Level III Recital** 0 credit

A Level III recital usually is given in the last semester of the student's work. This is a solo recital and requires a minimum of 45 minutes of music.

Prerequisite: 350

**Operations Management**

See *Division of Business – Department of Management*

**Philosophy (PHIL)**

Atkinson (chair), Berquist, Brower, Clemenson, Coulter, Degnan, Heaney, Hubbard, Jack, Kemp, Kronen, Laumakis, Lemmons, Menssen, Sserwanga, Sullivan, van Ingen, Winter

The philosophy program offers students the opportunity to study principal figures in the major periods of the history of philosophy (ancient, medieval, modern, and contemporary). Special attention will be given to the thought of Aristotle and St. Thomas Aquinas.

Graduates with a major in philosophy should be able to present and defend philosophical positions using standard logical techniques, to formulate effective criticisms of opposing arguments, and to explain the relevance of such positions to broader questions in philosophy or related disciplines.

The two core curriculum requirements, Philosophy of the Human Person and Introductory Ethics, are intended to introduce all students to the fundamental philosophical questions about human nature and conduct, and to help them develop basic skills in critical reasoning.

**Philosophy Honor Society**

Phi Sigma Tau is a society whose objectives are to serve as a means of awarding distinction to students having high scholarship and personal interest in philosophy; to promote student interest in research and advanced study in this field; to provide opportunities for the publication of student research papers of merit; to encourage a professional spirit and friendship among those who have displayed marked ability in this field; and to popularize interest in philosophy among the general collegiate public.