

# School of Music

**Roger Kugler, Director**  
**Wright Music Building 150**

The School of Music offers a Master of Arts degree in Music with specializations in collaborative arts—instrumental, collaborative arts-vocal, composition for contemporary media, conducting, jazz studies, music composition, music education, musicology, and performance. A minor in Music is offered at the graduate level.

Applicants seeking admission to the Master of Arts degree must submit a score for the GRE exam. Applicants for graduate study seeking specialization in music education must submit scores for MAT or GRE.

An audition is required of all students entering a graduate degree program in music with the exception of those applying for admission to the music education and conducting specializations who may submit a VHS tape of their teaching or conducting in place of an audition. Applicants for admission who do not pass the applied performance audition may be allowed, at the discretion of the faculty, to be admitted with probationary status to the program for one semester and must register for MUAP 5020, Private Instruction, and reaudition at the end of their first semester of study. Students not passing the audition on their second attempt will be excused from the program.

A music theory examination and a music history assessment are required of all candidates for admission. These assessments will be scheduled during the first week of class of the first semester of study. Students not meeting proficiency requirements are required to take additional coursework. Any coursework necessary to meet proficiency requirements does not count toward the M.A. degree.

## Requirements for the Master of Arts

1. Prior to the completion of 24 semester hours, a Candidacy Form must be filed with the Graduate Office.
2. Candidates for graduation must pass both written and oral comprehensive examinations. These examinations are scheduled during the student's last semester of study. Comprehensive examinations may be taken no more than twice.
3. Students choosing the recital option must complete 18 semester hours of coursework before enrolling in MUAP 6670, Graduate Recital.
4. No more than 30 percent of the total degree hours may be dually listed (undergraduate/graduate) courses.

## Areas of Specialization

### Specialization 1: Collaborative Arts with an Instrumental Emphasis (32 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Performance Audition (for piano faculty)
  - c. Accompanying Audition (for accompanying faculty)
- II. Proficiencies
  - a. Music History (diagnostic examination)
  - b. Music Theory (diagnostic examination)
- III. Special Requirements for Graduation  
 Six hours of French, German, or Italian at the undergraduate level (transfer credits accepted)
- IV. Group A (9 hours)
  - a. MUS 6620 Bibliography and Research
  - b. MUTH 6050 Analytical Techniques
  - c. MUS 6630 Music Seminar
- V. Group B - Courses in Specialization (20 hours)
  - a. MUAP 6682 Private Instruction (Collaborative Piano)
  - b. MUAP 6670 Graduate Recital (3 hours each)  
 This will require two new repertoire selections (each repeatable once)
    1. First - collaborative piano with vocal
    2. Second - collaborative piano with instrumental
  - c. MUHL 5710 Vocal Literature
  - d. Select one of the following instrumental literature courses (2 hours)
    1. MUHL 5730 Brass Literature
    2. MUHL 5750 String Literature
    3. MUHL 5760 Woodwind Literature
  - e. MUHL 5780 Chamber Music Literature (3 hours)
- VI. Group C - Elective Courses (3 hours)  
 5000/6000 level

### Specialization 2: Collaborative Arts with a Vocal Emphasis (32 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Performance Audition (for piano faculty)
  - c. Accompanying Audition (for accompanying faculty)
- II. Proficiencies
  - a. Music History (diagnostic examination)
  - b. Music Theory (diagnostic examination)
  - c. Foreign Language: French, Italian, German (diagnostic examination)
- III. Group A (9 hours)
  - a. MUS 6620 Bibliography and Research
  - b. MUTH 6050 Analytical Techniques
  - c. MUS 6630 Music Seminar
- IV. Group B - Courses in Specialization (20 hours)
  - a. MUAP 6682 Private Instruction (Collaborative Piano)
  - b. MUAP 6670 Graduate Recital (3 hours each)  
 This will require two new repertoire selections (each repeatable once)
    1. First - collaborative piano with vocal
    2. Second - collaborative piano with instrumental
  - c. MUHL 5710 Vocal Literature
  - d. MUHL 5770 Opera Literature
  - e. MUPD 5340 Techniques of Vocal Coaching
- V. Group C - Elective Courses (3 hours)  
 5000/6000 level

### Specialization 3: Music Composition for Contemporary Media (36 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Must submit recordings and scores of the candidate's works
- II. Proficiencies
  - a. Performance skill on an applied instrument or voice, keyboard preferred
  - b. Keyboard (may also fulfill performance-skill requirement)
  - c. Music History (diagnostic exam)
  - d. Music Theory (diagnostic exam)
- III. Group A (9 hours)
  - a. MUS 6620 Bibliography and Research
  - b. MUTH 6050 Analytical Techniques
  - c. MUS 6630 Music Seminar
- IV. Group B - Courses in Specialization (24 hours)
  - a. MUHL 6040 Twentieth Century Music
  - b. MUAP 6140 Composition
  - c. MUAP 6150 Composition
  - d. MUAP 6160 Composition
  - e. MUAP 6670 Graduate Recital
  - f. MUTH 5190 Principles and Practices of Electronic Music
  - g. MUTH 5290 Electronic Music II
  - h. MUTH 5590 MIDI Studio Techniques
- V. Group C - Elective Courses (3 hours)  
5000/6000 level

### Specialization 4: Conducting (31-34 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Must submit VHS recordings of conducted works or applied audition
- II. Proficiencies
  - a. Performance skill on an applied instrument or voice, keyboard preferred
  - b. Keyboard (may also fulfill performance-skill requirement)
  - c. Music History (diagnostic exam)
  - d. Music Theory (diagnostic exam)
- III. Group A (12 hours)
  - a. MUS 6620 Bibliography and Research
  - d. MUTH 6050 Analytical Techniques
  - e. MUS 6500 Aesthetics of the Arts
  - f. MUS 6630 Music Seminar
- IV. Group B - Courses in Specialization (10 hours)
  - a. MUEN 5300-5375 Ensembles
  - b. MUS 6030 Conducting Problems and Score Interpretation
  - c. MUS 6060 Advanced Conducting  
AND
  - d. MUHL 5680 Choral Literature  
OR
  - e. MUED 5240 Instrumental Rehearsal Problems
- V. Group C - Guided Elective Courses (9-12 hours)
  - a. MUAP 6670 Graduate Recital  
AND  
Foreign Language (6 hours)  
OR
  - b. MUS 6640 Thesis Research  
AND  
Foreign Language (6 hours)  
OR
  - c. Electives at the 5000/6000 level (12 hours)

### Specialization 5: Jazz Studies (32 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Audition on Primary Instrument or Voice
- II. Proficiencies
  - a. Music History (diagnostic examination)
  - b. Music Theory (diagnostic examination)
- III. Group A (9 hours)
  - a. MUS 6620 Bibliography and Research
  - b. MUTH 6050 Analytical Techniques
  - c. MUS 6630 Music Seminar
- IV. Group B - Courses in Specialization (14 hours)
  - a. MUAP 668- - Private Instruction
  - b. MUAP 669- - Private Instruction
  - c. MUAP 670- - Private Instruction
  - d. MUAP 6670 Graduate Recital
  - e. MUEN 5340 or 5343 Jazz Ensemble or Jazz Combo  
(one hour each, 2 hours)
- V. Group C - Guided Elective Courses (9 hours)  
Three courses to be selected from the following four:
  1. MUPD 6330 Jazz Pedagogy and Program Administration
  2. MUTH 6060 Advanced Jazz Improvisation
  3. MUTH 5280 Advanced Jazz Arranging
  4. MUHL 5530 History of Jazz

### Specialization 6: Music Composition (33 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Must submit recordings and scores of the candidates works
- II. Proficiencies
  - a. Performance skill on an applied instrument of voice
  - b. Keyboard (may also fulfill performance-skill requirement)
  - c. Music History (diagnostic examination)
  - d. Music Theory (diagnostic examination)
- III. Group A (21 hours)
  - a. MUS 6620 Bibliography and Research
  - b. MUTH 6050 Analytical Techniques
  - c. MUS 6630 Music Seminar
  - d. MUAP 6140 Composition
  - e. MUAP 6150 Composition
  - f. MUAP 6160 Composition
  - g. MUAP 6670 Graduate Recital
- IV. Group B - Courses in Specialization (6 hours)
  - a. MUHL 6040 Twentieth-Century Music
  - b. MUTH 5190 Principles and Practices of Electronic Music
- V. Group C - Elective Courses (6 hours)
  - a. Guided elective to be chosen from fields of philosophy, art history, anthropology, or literature with consent of advisor
  - b. Free Elective (5000/6000 level)

### Specialization 7: Music Education (33-36 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Must submit VHS recordings of classroom teaching or applied audition
- II. Proficiencies
  - a. Music History (diagnostic exam)
  - b. Music Theory (diagnostic exam)
- III. Group A (12 hours)
  - a. MUS 6620 Bibliography and Research
  - b. MUTH 6050 Analytical Techniques
  - c. MUS 6500 Aesthetics of the Arts
  - d. MUS 6630 Music Seminar
- IV. Group B - Courses in Specialization (12 hours)
  - a. MUED 5210 General Music Program K-6

- b. MUS 6060 Advanced Conducting
- c. 6 hours from the following:
  1. MUED 5210 General Music Program K-6
  2. MUED 5220 Middle School Music
  3. MUED 5230 Secondary School Methods and Materials
  4. MUED 5240 Instrumental Rehearsal Problems
  5. MUED 5250 Advanced Marching Techniques
- V. Group C - Guided Elective Courses (9-12 hours)
  - a. MUAP 6670 Graduate Recital AND Foreign Language - 6 hours  
OR
  - b. MUS 6640 Thesis Research AND Foreign Language - 6 hours  
OR
  - c. Electives at the 5000/6000 level (12 hours)

### Specialization 8: Musicology (30 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Must submit two research papers of at least five pages in length, one of which is on a music topic; substitutions may be made with permission of program director
- II. Proficiencies
  - a. Foreign Language (must be approved by the graduate coordinator; may fulfill this obligation by diagnostic exam or by completing six hours of a single foreign language at the undergraduate level with a grade of "B")
- III. Group A (9 hours)
  - a. MUS 6620 Bibliography and Research
  - b. MUTH 6050 Analytical Techniques
  - c. MUS 6630 Music Seminar
- IV. Group B - Courses in Specialization (12 hours)
  - a. MUS 6630 Music Seminar (3 hours each) (6 hours)
  - b. Course at the 6000 level in a related field (anthropology, sociology, art history, etc.; must be approved by the graduate studies coordinator)
  - c. MUS 6640 Thesis Research
- V. Group C - Elective Courses (9 hours)  
5000/6000 level

### Specialization 9: Performance (32 hours)

- I. Special Requirements for Admission
  - a. Must submit scores from the Graduate Record Examination (GRE)
  - b. Audition on primary instrument or voice
- II. Proficiencies
  - a. Music History (diagnostic examination)
  - b. Music Theory (diagnostic examination)
  - c. Vocalists  
Diction Diagnostic Exam  
Six credit hours each in two of the following at the undergraduate level: French, German, and Italian
- III. Group A (9 hours)
  - a. MUS 6620 Bibliography and Research
  - b. MUTH 6050 Analytical Techniques
  - c. MUS 6630 Music Seminar
- IV. Group B - Courses in Specialization (20 hours)
  - a. MUAP 6680 Private Instruction
  - b. MUAP 6690 Private Instruction
  - c. MUAP 6700 Private Instruction
  - d. MUAP 6670 Graduate Recital
  - e. MUHL 5--- Literature (two different three-hour courses)
  - f. MUEN 57-- Music Ensemble (two one-hour courses)
- V. Group C - Elective Courses (3 hours)  
5000/6000 level

## Courses in Music [MUS]

- 5030 (503 A-Z) Problems in Music.** Two credits. Independent study conducted on selected music topics. (A maximum of six semester hours may be applied toward a degree.)
- 5270 (527) Music Internship.** Three to six credits. Prerequisite: Permission of instructor. Examination and experiences in either the area of music industry, music education, or instrumental or choral conducting.
- 5570 (557) The Body Intelligent: A Study of the Alexander Technique.** Two credits. (Same as THEA 5570.) For those interested in improving ease and freedom of movement, balance, support, flexibility, and coordination in daily activity.
- 6030 (603) Conducting Problems and Score Interpretation.** Three credits. Analysis and marking of scores. Refinement of conducting techniques. Elimination of undesirable conducting habits. Diction as applied to conducting.
- 6060 (606) Advanced Conducting.** Three credits. Techniques in advanced conducting of orchestral, choral, band, and chamber ensembles. Includes irregular meters, score reading, warm-up procedures, conducting patterns, attacks, and releases.
- 6500 (650) Aesthetics of the Arts.** Three credits. The place of aesthetics in philosophy, the properties of music and the visual arts, the alternative and corollary views of the arts, the process of aesthetic creation, and meaning and values in music and the visual arts.
- 6620 (662) Bibliography and Research.** Three credits. Survey of bibliography and problems and methods of research. Analysis and evaluation of research in the arts.
- 6630 Music Seminar.** Three credits. Prerequisite: MUS 6620. Study and research of a topic in music determined by the instructor.
- 6640 (664) Thesis Research.** One to six credits. Types of research in music surveyed. A problem is selected and developed into a thesis report in acceptable form and style. Once enrolled, student should register for at least one credit hour of master's research each semester until completion. S/U grading.
- 6710 (671 A-C) Special Studies.** One, two, or three credits. Intensive study of chosen subject. An indication of a reasonable skill and knowledge of research techniques, writing, and creativeness is expected.

## Courses in Applied Music [MUAP]

- 5020 (502) Private Instruction.** Two credits. One hour lesson weekly on one of the various instruments or voice. Offers preparation to entering graduates for the graduate audition. Does not count toward the graduate degree; may be repeated.
- 5040 (504) Service Playing.** Two credits. Skills and knowledge necessary for playing for church services including hymn and anthem accompaniments, conducting from the console, study of liturgical service music, solo accompaniments, and church music materials.
- 5100 (510) Private Instruction.** One credit. Prerequisite: Permission of instructor. One half-hour private lesson weekly on one of the various instruments or voice. May be repeated.
- 5140 Composition.** Two credits. Prerequisite: Permission of instructor. Experience composing original works in numerous media

and styles to develop technique and self-expression. May be repeated.

**6140/ 6150/6160 (614/615/615) Composition.** Three credits each. Development of skills and ability in handling musical materials with goals of some individual style or expression within the framework of current practices. Taken in consecutive order.

**6670 (667) Graduate Recital.** Three credits. Prerequisites: Completion of MUAP 6681-6688; 6691-6698; 6701-6708; or MUAP 6140, 6150, 6160; or MUS 6030, 6060; permission of the appropriate music faculty.

**6680- (668 A-I) Private Instruction.** Three credits. Prerequisite: **6688** Completion of undergraduate recital. Consult graduate coordinator as to performance area availability. One-hour private lesson per week in the selected performance field. In-depth study of stylistic, technical, and musical problems in music performance and exploration of advanced repertoire in the applied area.

- 6680 Private Instruction**  
**6681 (668A) Private Instruction Voice**  
**6682 (668B) Private Instruction Piano**  
**6683 (668C) Private Instruction Organ**  
**6684 (668D) Private Instruction Brass**  
**6685 (668E) Private Instruction Winds**  
**6686 (668F) Private Instruction Strings**  
**6687 (668G) Private Instruction Percussion**  
**6688 (668I) Private Instruction Guitar**

**6690- (669 A-I) Private Instruction.** Three credits. Prerequisite: **6698** Completion of undergraduate recital. Consult graduate coordinator as to performance area availability. One-hour private lesson per week in the selected performance field. In-depth study of stylistic, technical, and musical problems in music performance and exploration of advanced repertoire in the applied area.

- 6690 Private Instruction**  
**6691 (669A) Private Instruction Voice**  
**6692 (669B) Private Instruction Piano**  
**6693 (669C) Private Instruction Organ**  
**6694 (669D) Private Instruction Brass**  
**6695 (669E) Private Instruction Winds**  
**6696 (669F) Private Instruction Strings**  
**6697 (669G) Private Instruction Percussion**  
**6698 (669H) Private Instruction Guitar**

**6700- (670 A-I) Private Instruction.** Three credits. Prerequisite: **6708** Completion of undergraduate recital. Consult graduate coordinator as to performance area availability. One-hour private lesson per week in the selected performance field. In-depth study of stylistic, technical, and musical problems in music performance and exploration of advanced repertoire in the applied area. Course may be repeated with no limit, but only three hours of credit may be applied toward the degree within the nine-hour private instruction requirement.

- 6700 Private Instruction**  
**6701 (670A) Private Instruction Voice**  
**6702 (670B) Private Instruction Piano**  
**6703 (670C) Private Instruction Organ**  
**6704 (670D) Private Instruction Brass**  
**6705 (670E) Private Instruction Winds**  
**6706 (670F) Private Instruction Strings**  
**6707 (670G) Private Instruction Percussion**  
**6708 (670I) Private Instruction Guitar**

## Courses in Music Education [MUED]

**5000 (500 A-Z) Problems in Music Education.** One or two credits. A maximum of 6 semester hours credit may be applied toward a degree. May be repeated.

**5210 (521) General Music Program K-6.** Three credits. The role of music and music teaching in elementary education; its objectives, methods, materials, and procedures; innovative trends and exemplary practices; evaluative techniques.

**5220 (522) Middle School Music.** Two credits. The role of music and music teaching in middle school education; its objectives, methods materials, and procedures; innovative trends and exemplary practices; evaluative techniques.

**5230 (523) Secondary School Methods and Materials.** Two credits. The role of music and music teaching in secondary education; its objectives, methods, materials, and procedures; innovative trends and exemplary practices; evaluative techniques.

**5240 (524) Instrumental Rehearsal Problems.** Two credits. Improving teaching in instrumental music classes through a study of rehearsal planning and techniques; the interpretation of music to students; group dynamics.

**5250 (525) Advanced Marching Techniques.** Two credits. Prerequisite: Marching band class. Further development and application of marching band techniques as utilized in half-time and contest show production. Selection and analysis of the music score.

**5670 (567) Music for the Young Child.** Four credits. Music fundamentals, materials, and methods appropriate for pre-school through grades three; pantomime, role playing, improvisation, rhythm, movement, listening, and singing.

**6010 (601) Foundations of Music Education.** Three credits. Philosophies of music education; meaning in music and aesthetic theories; principles of learning; objectives for music education.

## Courses in Music Ensemble [MUEN]

**5300- (570 A-P) Ensemble.** One credit each semester. Study and public performance of music literature appropriate to the ensemble. May take two times for credit.

- 5300 (570K) Accompanying**  
**5312 (570L) Wind Ensemble**  
**5323 (570J) Schola Cantorum**  
**5325 (570J) Opera Workshop**  
**5330 (570L) University Orchestra**  
**5340 (570M,N,P) Jazz Ensemble**  
**5343 (570M,N,P) Jazz Combos**  
**5350 (570M) Percussion Ensemble**  
**5370 (570I) Mixed Chamber Ensemble**  
**5371 (570B,D,E,F,P) Brass Chamber Ensembles**  
**5372 (570A) Guitar Chamber Ensembles**  
**5373 (570K) Piano Chamber Ensembles**  
**5374 (570I) String Chamber Ensembles**  
**5375 (570C,G,N) Woodwind Chamber Ensembles**

## Courses in Music History and Literature [MUHL]

**5050 (505) Church Music.** Two credits. Survey of church music and various denominational worship traditions, hymnology, graded choir programs, handbell choirs, materials and methods of church music, and administration and organization of church music.

**5060 (506) Survey of Guitar Literature.** Two credits. Basic literature for the guitar from the Renaissance to the present. Analysis, listening, research, performance.

**5070 (507) Music History Survey.** Three credits. Review of music in history and culture to degree necessary for candidate to pursue work on graduate level.

- 5130 Survey of World Music.** Three credits. A study of selected music of cultures from around the world and here at home. Listening, watching, reading, research, and concert attendance required.
- 5530 History of Jazz.** Three credits. Study of the history and literature of jazz music including African roots, developments, and aspects of style periods, and the contemporary state of jazz. Listening and analysis.
- 5630 (563) Seventeenth and Eighteenth Century Music.** Three credits. Prerequisite: Permission of instructor. A survey of Western classical music during the Baroque and Classical periods; emphasis on topics selected by the instructor.
- 5640 (564) Nineteenth Century Music.** Three credits. Prerequisite: Permission of instructor. A survey of Western classical music during the Romantic period; emphasis on topics selected by the instructor.
- 5660 (566) American Music.** Three credits. Prerequisite: Permission of instructor. A survey of American music from the colonial era to the present; added emphasis on topics selected by the instructor. Examines folk, popular, and art, as well as sacred and secular traditions within their cultural contexts.
- 5680 (568) Choral Literature.** Two credits. Examination of choral literature from the Renaissance to the present. Program selection. Analysis of choral pieces.
- 5690 (569) Piano Literature.** Two credits. Survey of the basic literature of the harpsichord and piano from the eighteenth century to the present. Live performance; analysis and research.
- 5710 (571) Vocal Literature.** Three credits. Basic repertory of Italian airs, German lieder, French art song, and solo vocal works of nationalistic schools, as well as English and American song literature.
- 5720 (572) Organ Literature.** Two credits. A chronological study of organ literature from the Medieval period to the present. Objectives include knowledge of the repertoire and composers and historical perspective of styles and organ building.
- 5730 (573) Brass Literature.** Two credits. A chronological study of brass literature from the Renaissance period to the present. Objectives include knowledge of the repertoire and composers, historical perspective of styles, types, and common performance practice.
- 5740 (574) Percussion Literature.** Two credits. A chronological study of percussion literature from the nineteenth century to the present. Objectives include knowledge of the repertoire and composers, historical perspective of styles, types, and common performance practice.
- 5750 (575) String Literature.** Two credits. A chronological study of string literature from the nineteenth century to the present. Objectives include knowledge of the repertoire and its composers, historical perspective of styles, types, and common performance practice.
- 5760 (576) Woodwind Literature.** Two credits. A chronological study of woodwind literature from the Renaissance period to the present. Objectives include knowledge of the repertoire and composers, historical perspective of styles, types, and common performance practice.
- 5770 Opera Literature.** Three credits. A study of major operatic works and styles. Focuses on composers, librettists, and performers as well as the vocal, musical, and dramatic resources necessary for performance. Listening and analysis of select pieces will be included in student projects.
- 5780 Chamber Music for Keyboard.** Three credits. A study of chamber music written for the piano. Emphasis will be placed on music written during the eighteenth, nineteenth, and twentieth centuries. Listening and analysis of select pieces will be included in student projects.
- 6040 Twentieth Century Music.** Three credits. Styles and compositional techniques found in representative masterworks of the twentieth century from Debussy to present. Analysis, listening, and research.

## Courses in Music Pedagogy [MUPD]

- 5110 (511) Advanced Brass Pedagogy.** Two credits. Advanced study of conceptual, physiological, acoustical, pedagogical methods and materials used in the teaching of beginning, intermediate, and advanced brass students.
- 5120 (512) Advanced Percussion Pedagogy.** Two credits. Advanced study of conceptual, physiological, acoustical, pedagogical methods and materials used in the teaching of beginning, intermediate, and advanced percussion students.
- 5130 (513) Advanced String Pedagogy.** Two credits. Advanced study of conceptual, physiological, acoustical, pedagogical methods and materials used in the teaching of beginning, intermediate, and advanced string students.
- 5140 (514) Advanced Woodwind Pedagogy.** Two credits. Advanced study of conceptual, physiological, acoustical, pedagogical methods and materials used in the teaching of beginning, intermediate, and advanced woodwind students.
- 5300 (530) Diction for Singers II.** Three credits. Lecture demonstration course for familiarization of the International Phonetic Alphabet and correct pronunciation of a variety of texts in English, Italian, German, and French.
- 5310 (531) Vocal Pedagogy.** Two credits. Teaching techniques of the fundamentals of singing. Vocalizes and repertoire. Physical aspects of singing.
- 5320 (532) Piano Pedagogy.** Two credits. Various technical and philosophical approaches in teaching piano. Examination of teaching repertoire through intermediate level. Supervised teaching through intermediate level.
- 5330 (533) Organ Pedagogy.** Two credits. The principles of teaching organ: manual and pedal techniques, organ methods, and organ repertoire of varying degrees of difficulty and of all period-styles from pre-Bach through twentieth century.
- 5340 Techniques of Vocal Coaching.** Two credits. Methods and techniques necessary for vocal coaching in a professional setting. Topics include the German Fach system, effective rehearsal techniques, in-depth study of transposition, open-score reading, and sight reading. Listening and in-class coaching sessions included.
- 6330 Jazz Pedagogy and Program Administration.** Three credits. In-depth study of materials and techniques for teaching jazz at the high school and college level. Rehearsal techniques and iden-

tification of and solutions to performance problems. Study of the development and implementation of a successful jazz studies program including educational jazz festival administration.

**6340 (634) Woodwind Teaching.** Two credits. Seminar on problems encountered in advanced instruction of woodwinds. Experimentation and performance involving old and new concepts of performance.

**6350 (635) Brass Teaching.** Two credits. Teaching materials for trumpet, cornet, horn, trombone, baritone, and tuba; elementary and advanced exercises, etudes; methods for class and private instruction, clef and transposition studies, orchestral and band repertoire. Survey of sources providing announcement and evaluation of new materials.

## Courses in Music Theory [MUTH]

**5010 (501) Theory Survey.** Two credits. A review of musicianship skills and knowledge of musical theory to the degree necessary for the candidate to pursue work at the graduate level.

**5180 (518) Improvisation.** Two credits. Lecture demonstration course exploring improvisation, musical vocabularies, and shorthands including figured bass, Nashville shorthand, and other contemporary styles of writing and performing.

**5190 (519) Principles and Practices of Electronic Music.** Three credits. Includes history and techniques, acoustics, electronic sound generation, recording, operation of audio equipment, basic principles of composition, and experience with tape recorders and a music synthesizer. Open to non-music majors with permission of instructor.

**5280 Advanced Jazz Arranging.** Three credits. Prerequisite: MUTH 4170. Advanced analysis and arranging for various combinations of instruments and voice for small and large jazz ensembles. Periods, performance practices, stylistic features, and artists.

**5290 (529) Electronic Music II.** Three credits. Prerequisite: MUTH 5190. Advanced principles of digital sound synthesis, programming the digital synthesizer, electronic composition, contemporary trends in digital music, and programming with a MIDI work station.

**5590 MIDI Studio Techniques.** Three credits. Prerequisites: RIM/MUTH 4290 and RIM 4400 or permission of instructor. MIDI systems design and the total integration of all MIDI-controllable devices. SMPTE and MIDI Time Code and their application to tape synchronization. A continuation of advanced techniques for digital sampling, sequencing, sound manipulation, and use of alternate controllers. Other topics include sound effects and music scoring for film and video, and the MIDI Machine Control and MIDI Show Control specifications. Laboratory required.

**6050 (605) Analytical Techniques.** Three credits. Prerequisite: MUTH 5010 or permission of instructor. Skills and procedures of musical analysis as they apply to all periods through analysis of representative compositions. Evaluation of work from all standpoints: craftsmanship, expression, and stylistic correctness.

**6060 Advanced Improvisation.** Three credits. Exploration of the art of improvisation. Emphasis on advanced harmonic and melodic principles and on the development of a personal style. Listening and analysis of solos by great jazz artists and in-class performances of student projects and improvisations.