

numbers, the structure of the rational and real number systems, algorithms for computation, estimation strategies, and working with very large and very small numbers. The pedagogy of the course models that of effective middle school mathematics teachers.

MAED510 (3)***Exploring Algebra and Functions for Middle Grades Educators***

This course extends the middle school teachers' understanding of algebra as a symbolic language. This course moves beyond symbol manipulation to include modeling of physical situations. Students will explore algebraic, linear, and non-linear functions within the context of the course. The pedagogy of the course models that of effective middle school mathematics teachers.

MAED515 (3)***Data Analysis for Middle Grades Educators***

This course presents an integrated approach to data analysis, statistics, and probability for middle grades math teachers. Instruction focuses on specific real-world data sets and statistical investigations. The pedagogy of the course models that of effective middle school mathematics teachers.

MAED521 (2)***Informal Geometry and Measurement for Middle Grades Educators***

This course is the first of two which lead prospective mathematics teachers through a series of explorations to develop competence in geometric reasoning, including conjecture, proving, and disproving. Prospective teachers develop a deeper understanding of the role of proof in geometry. The pedagogy of this course models that of effective middle school mathematics teachers.

MAED522 (2)***Formal Geometry for Middle Grades Educators***

This course is the second of two which lead prospective mathematics teachers through a series of explorations to develop competence in geometric reasoning, including conjecturing, proving, and disproving. Prospective teachers refine their understanding of the role of proof in geometry. The pedagogy of the course models that of effective middle school mathematics teachers.

MAED600 (2)***Discrete Mathematics and Number Theory for Middle Grades Educators***

Students investigate concepts of number theory, discrete mathematics, and logic as they apply to middle grades mathematical education. Each topic includes a study of graphic representation of concepts and applications in technology. The pedagogy of the course models that of effective middle school mathematics teachers.

MAED610 (4)***Mathematical Modeling for Middle Grades Educators***

Investigation of concepts and practices of mathematical modeling with an emphasis on application to middle grades education. The pedagogy of the course models that of effective middle school mathematics teachers.

MAED625 (2)***Mathematical Investigations for Middle Grades Classrooms***

Participants investigate topics in mathematics, including probability, programming, fractals, and chaos theory. Emphasis is placed on participant understanding of these topics and their appropriate use as investigations with middle grades students. The pedagogy of the course models that of effective middle school mathematics teachers.

MUSIC

Hamel Hall, Room 207
(616) 471-3555; FAX (616) 471-6339
pcooper@andrews.edu

Faculty

Peter J. Cooper, *Chair*
Lilianne Doukhan
Carlos A. Flores
Julia S. Lindsay
Kenneth D. Logan
Alan F. Mitchell
Morihiro Nakahara
Carla L. Trynchuk
Stephen P. Zork

Academic Programs	Credits
BA: Music	min. 41
With BBA	min. 113
With Elective Studies in Business	min. 71
With Minor in one of following:	min. 62
Business	
Economics	
Marketing	
BMus (Bachelor of Music)	49
Music Education	min. 26-34
Music Performance	min. 37
Minor in Music	min. 24
Minor in Elementary Music Education	min. 26
MA: Music	min. 32
MA: Music Ministry	min. 40
MMus (Master of Music)	
Music Education	min. 35
Performance	min. 34

Faculty of the Department of Music are committed to providing a vibrant musical and learning environment to nurture artistic and creative growth in all students of music, to encourage and guide students through dynamic interaction in classroom and practical experiences as they mature into tomorrow's music professionals, and to mentor students in responsible use of their talents for service to Christ and to humanity.

Bachelor of Music curricula provide a comprehensive exposure to and experience with the performance, history, and theory of music. Students receive hands-on supervised teaching experience in studio or classroom teaching. Bachelor of Arts curricula are for students wishing to pursue concerted study in music within a liberal arts context.

Non-music majors may take courses in music or participate in music lessons or ensembles for credit or non-credit. See General Education section and course descriptions below for further clarification.

The Andrews University Department of Music has been a member of the National Association of Schools of Music since 1964. Music majors may choose to join the student chapter of Music Educators National Conference.

ENROLLMENT

Status as an undergraduate music major is provisional until the student demonstrates academic and performance skills on an acceptable level. All first-year students must take the Freshman Theory Placement Exam *prior* to being considered for acceptance as a music major. After the student performs in his/her first applied music examination, the performance instructor makes a recommendation to the music faculty concerning the student's application for admission as a music major. See the *Department of Music Student Handbook* for further information.

Student Handbook. The *Department of Music Student Handbook*, available at the Department of Music office, provides clarification of general guidelines, requirements, and standards as well as information concerning recital attendance, recital requirements, and financial aid and departmental scholarships.

Applied Music General Requirements. All music majors register in applied music for four years in residence and until they complete their senior recital.

Applied Music Examination Requirements. All music majors participate in an applied music examination at least twice during the school year. See the *Department of Music Student Handbook* for full details.

Ensemble Requirements. All music majors must enroll in a music ensemble each semester of residence.

Piano Proficiency. All music majors and minors must pass a piano-proficiency examination. Students who do not pass the examination must enroll in applied piano until the examination is passed. The piano-proficiency examination must be passed before a student is advanced to upper-division status.

Upper-division Status. Application for advancement to upper-division performance studies is submitted to the student's performance teacher no later than two weeks before the final sophomore applied-music examination. See the *Department of Music Student Handbook* for full information.

State Certification. Students planning to teach music in K-12 must take the Bachelor of Music in Music Education degree and also complete required education courses specified by the School of Education.

Denominational Certification is not automatic with state certification and is not required for graduation. Contact the certification clerk in the School of Education for full information.

MUSIC PERFORMANCE CREDITS

The Department of Music offers private instruction in all major instruments and voice which may fulfill music major or non-music major elective requirements. Course outlines detailing specific course content are available from the instructor. The requirements correlate with guidelines suggested by the National Association of Schools of Music as outlined in the *Department of Music Student Handbook*.

Undergraduate Programs

BACHELOR OF ARTS: MUSIC

BA: Music—41+

A liberal arts degree allows one to pursue a broad range of interests while majoring in music. The BA with a major in music is viable as a double major.

Note that in order to receive the BA: Music, students must take general education requirements for the Bachelor of Arts.

Major Requirements: MUCT101, 102, 131, 132, 201, 202, 231, 232 ; MUHL446, 447, 448, 458; MURE420; minimum 8 credits of performance in one area which includes a 1 or 2-credit recital or project; 4 credits of ensemble; 2 credits of electives; Piano Proficiency.

At least one course other than ensemble or applied music must be taken in residence. A minimum of 4 credits in applied music must be taken as upper-division credits. Keyboard majors (piano or organ) must take 2 credits of MUPF310 Piano Ensemble as part of their 4 credits of ensemble.

BA: Music with Bachelor of Business Administration—113+

Several options are available to students wishing a career combining music and business. These options are listed below.

This five-year program prepares students for pursuing career options, which combine the skills and creativity of business and the musical arts. Upon completion students receive two separate but integrated degrees: a Bachelor of Business Administration with a major to be chosen in consultation with a Department of Music advisor from among BBA majors listed in the School of Business section of this bulletin, and a Bachelor of Arts: Music.

Business Core and Business Major with Cognates—72 Business Core—39

ACCT121, 122, BSAD341, 355, 365, 475, 494; ECON225, 226, FNCE317, INFS110, 215, MKTG310.

Business Major—27

To be chosen in consultation with a Department of Music advisor from among BBA majors listed in the School of Business section of this bulletin. These majors include: accounting, economics, finance, information systems, management and marketing.

Cognates—6

MATH182, STAT285

BA: Music with minor in one of the following: Business Administration, Economics, Marketing

The requirements for the BA: Music are the same as above. In addition, students select a minor in one of the following: Business Administration, Economics, or Marketing.

Students are referred to p. 228 in the School of Business section of this bulletin for specific curricular requirements for the Minor in Business Administration, to p. 230 for the Minor in Economics, and to p. 233 for the Minor in Marketing.

BA: Music with Elective Studies in Business

This program includes elective studies in business that provide foundational course work in the core elements of business and, with additional course work, provide the prerequisites for pursuit of the MBA.

Elective Studies in Business—30

ACCT121, 122, BSAD341, 355, ECON225, 226, FNCE317, MKTG310, 6 credits of business electives.

BACHELOR OF MUSIC: BMus**Core Requirements—49**

MUCT101, 102, 131, 132, 201, 202, 231, 232, 425, 454, 470; MUED301, 302; MUHL446, 447, 448, 458; MURE420; 12 credits of music elective; Piano Proficiency.

Two majors are available for the BMus degree: Music Performance and Music Education. Additional requirements outlined below exist for each area.

Music Performance—37+

A degree for those who wish to concentrate on performance and whose career goals focus on performance and studio or collegiate teaching and graduate school.

Additional Requirements. Minimum 37 credits chosen from applied music; language (voice majors only); literature and pedagogy of the major area; music electives; 8 credits of ensemble

- Enrollment for a weekly 1-hour lesson (2 credits) each semester in residence to a minimum total of 20 credits and until the senior recital is completed.
- Participation in an ensemble each semester in residence. Bachelor of Music degree students majoring in piano or organ performance must take 4 credits of MUPF310 Piano Ensemble.
- Presentation of a junior recital and a senior recital.
- Attendance of major area master classes.

Music Education—26-34+

A degree for students seeking careers as certified K-12 teachers in pre-collegiate denominational or public schools. Students normally spend five years in residence to complete the requirements. Requires state teacher certification. First-year students must make application and consult with the certification clerk in the School of Education to keep abreast of certification requirements—7 credits of ensemble are required. Students must choose one of the following emphases:

Instrumental Emphasis—26+

MUED304,305, 375-02 to -06, 458, 459; min. 3 credits minor performance, minimum 8 credits major performance which includes a 1- or 2-credit recital; ensemble credit must be in an instrumental ensemble.

Keyboard Emphasis—29-34+

Either MUED304 plus MUED375-02 to -05 or MUED305 and 451 and 452 plus 3 credits of applied voice (MUPF164-464); MUED421 and 422 or 431 and 432, 458, 459; 3 credits minor performance, minimum 8 credits major performance which includes a 1- or 2-credit recital (piano majors must choose organ as their minor instrument and vice versa); 2 credits of ensemble must be in MUPF 310.

Vocal Emphasis—33+

MUED304, 305, 375-02 to -05, 451, 452, 458, 459; min. 3 credits minor performance, minimum 8 credits major performance which includes a 1- or 2-credit recital; ensemble credit must be in a choral ensemble.

Minor in Music—24+

MUCT101, 102, 131, 132, 201, 231; MUHL447, 448, 458; min. 3 credits of performance in one area; 2 credits of ensemble; Piano Proficiency.

Minor in Elementary Music Education—26+

MUCT101, 102, 131, 132; MUED301, 458; MUED375-05; either MUHL447 or 448; 2 credits of performance in piano; 2 credits of performance in voice; 4 credits of ensemble; 2 credits of electives.*

*Students are encouraged to acquire elective credit through attendance at professional workshops and seminars for which college credit is available. Students should check the validity of a particular event with advisors prior to attendance.

Graduate Programs

ADMISSION REQUIREMENTS AND PROCEDURES

- General requirements for admission to graduate study as stated in the Admissions section of this bulletin.
- Musicians with various backgrounds often qualify to study music at the graduate level. Normally, a baccalaureate degree with a major in music is required; however, the following categories may also qualify:
 1. Students with an earned baccalaureate degree within any major, assuming adequate undergraduate preparation in music. Adequate preparation includes mastery of music theory equivalent to content of MUCT202 Music Theory IV, MUCT132 Ear Training Laboratory II, and MUCT232 Music Technology Laboratory II; mastery of music history equivalent to content of MUHL446-448 Music Literature and Style (Antiquity to 20th Century); and mastery of level of performance appropriate to the specific chosen masters program.
 2. Students who have completed programs comparable to the baccalaureate degree from non-United States institutions.
- The Department of Music requires placement examinations in music history and literature, music theory, piano proficiency, and an audition in the major area of performance for all entering students prior to registration. Admission status is provisional until these examinations are completed and any deficiencies removed. Courses used to make up for a deficiency may be taken for graduate credit but may not count for graduate requirements; a minimum grade of B must be earned.

ENSEMBLE REQUIREMENTS

- Participation on a no-credit basis is required or four semesters in one of the following: any Andrews University Department of Music band, choir, or orchestra. Keyboard majors: see note below. Students who require more than four semesters to complete their degree must participate in an ensemble during each semester of residence. Students enrolled in the Master of

Music in Music Education extension program at the Universidad de Montemorelos are required to participate in an ensemble during their term of residence at Andrews University.

- Keyboard students in the MA and MMus (music education) programs on the Andrews University campus are required to enroll for 1 credit of MUPF530 Advanced Keyboard ensemble. This may apply as one of the minimum four semesters of ensemble.
- Performance majors in piano and organ are required to enroll for two semesters of MUPF530 and may apply these towards the minimum four semesters of ensemble.

THESIS/PROJECT/RECITAL REQUIREMENT

- This requirement for an MA with emphasis in music or MMus in music education may be met by one of the following:
 1. A thesis—6 credits of MUHL699 and/or EDRM505.
 2. Two projects—2 credits of MUHL698 for each project.
 3. A credit recital—2 credits plus a minimum of 6 credits of applied music.
 4. One project plus a one-credit recital—2 credits of MUHL698 for the project plus a minimum of 4 credits of applied music.
- The MMus degree in performance requires a 2-credit recital. Recitalists must have taken in residence at least one-half of their applied music credit in their major performance area. They must enroll in applied lessons for at least two consecutive semesters prior to the recital date and must audition before a committee of music faculty one month prior to the recital. Students majoring in performance without an undergraduate major in the same performance area (or the equivalent) must offer two recitals, only the second of which is for credit.

Piano Proficiency. Music majors must pass a piano proficiency examination. Graduate students who have not passed this examination on the undergraduate level must take the examination prior to the first registration. Students who do not pass this examination must enroll in applied piano until the examination is passed.

Electives. Each area of study has appropriate choices of electives.

Comprehensive Examinations. All graduate students in music take comprehensive examinations toward the end of their studies. Students should consult with their advisor concerning the appropriate time to apply for these examinations and for guidance in preparing for them.

Non-degree (PTC) Students. A student who plans to study music under this classification (see p. 27) may be admitted to courses as approved by the department chair.

MA: Music—32+

Core—11

MUCT535 (4 credits); MUHL519; MUHL524 (2 credits); MUHL695 (2 credits)

Additional courses—21

MUHL 524 (2 credits)
Music Performance—2-4
Music Education—3

(May be chosen from music education or area Literature and Pedagogy courses.)

Thesis/Project/Recital—2-6

Electives—6-10

(May be chosen from music, art, art history, literature.)

Ensemble: see requirements above.

Students who plan to enter a doctoral program in musicology or who plan to teach music history and literature should elect the thesis option and fulfill a language requirement of reading proficiency in French or German.

MA: Music Ministry—40+

Music Components—34

Sacred Music—19

CHMN519 (2 credits), CHMN537 (2 credits), CHMN590 (2 credits), MUED648 (1 credit), MUHL519 (3 credits), MUHL695 (1 credit), MUHL698 (2 credits), MUPF506 (6 credits)

Other Studies in Music—15

MUCT535 (2 credits), MUED451 (3 credits), MUPF500 (1 credit), MUPF500 (Applied Music, any one area, 6 credits), MUPF575 (1 credit)

Electives—2

Ensemble—NC

4 semesters: 2 choral, 1 handbell, 1 student choice

Seminary Cognate—6

Required: CHMN534 (2 credits)

Choose one (1) of the following: CHMN545 (2 credits), CHMN527 (2 credits)

Choose one (1) of the following: CHIS674 (2 credits), one course in biblical studies (2 credits)

Total degree credits—40

MMus

Music Education Emphasis—35+

Students majoring in music education must qualify for a state teaching certificate prior to conferral of degree.

Core—11

MUCT535 (4 credits); MUHL519; MUHL 524 (2 credits); MUHL695 (2 credits)

Additional courses—min. 24

MUED430 (3 credits) Topics in Music Education; MUED515, 521; MUPF506; MUHL524 (2 credits); Area Literature and Pedagogy course (3 credits)

Major Performance—2-4

Thesis/ Project/Recital—2-6

Electives—0-4

Ensemble: see requirements above.

Performance Emphasis—34+

Specialization: Organ, piano, string, or voice

Core—11

MUCT535 (4 credits); MUHL519; MUHL524 (2 credits); MUHL695 (2 credits)

Additional courses—min. 23

Area Literature and Pedagogy courses (6 credits); MUPF506 (organ and voice majors), 538 (string majors), 575, MUPF420 (voice majors)

Major Performance—min. 10

Music Electives—0-5

Ensemble: see requirements above.

Specialization: Instrumental or choral conducting

Core—11

MUCT535 (4 credits); MUHL519; MUHL524 (2 credits); MUHL695 (2 credits)

Additional courses—min. 23

Advanced Conducting—min. 9

MUPF575; MUED464 (2 credits)

Music Electives—4

Cognate field—6

Ensemble: see above for requirements.

Courses**(Credits)**

See inside front cover for symbol code.

MUSIC THEORY**MUCT101, 102 (3, 3)*****Music Theory I, II***

Review of music fundamentals and study of tonal harmony beginning with the interval and covering the entire diatonic-harmony vocabulary. Examines the basic principles of melodic and harmonic structures as well as principles of voice-leading and chord progression in applied four-part harmonization and composition. Requires concurrent enrollment in MUCT131, 132.

MUCT131, 132 (1, 1)***Ear Training Laboratory I, II***

Aural recognition of rhythmic patterns, intervals, chords, tonality, harmonic functions, and melodic expression. Requires concurrent enrollment in MUCT101, 102.

MUCT201, 202 (3, 3)***Music Theory III, IV***

Theoretical and practical study of the entire spectrum of chromatic-harmony vocabulary with emphasis in composition and analysis. The second semester examines the compositional practices and techniques employed by composers of the Impressionistic Period and Twentieth Century. Requires concurrent enrollment in MUCT231, 232.

MUCT231, 232 (1, 1)***Music Technology Laboratory I, II***

Acquaintance with current technological resources in music. Emphasis in computer notation systems, sequencing, and MIDI systems. Requires concurrent enrollment in MUCT201, 202 or permission of the instructor.

MUCT425 ◆ Alt (2)***Counterpoint***

Historical overview of counterpoint with emphasis on the practice and analysis of 18th- century contrapuntal techniques.

MUCT454 ◆ Alt (2)***Orchestration***

Scoring for chamber groups, larger ensembles, and full orchestra.

MUCT470 ◆ Alt (2)***Form Analysis***

The origin and meaning of form: motives, phrases, and periods with elementary and combined binary and ternary forms, rondo and sonata-allegro.

MUCT535 Alt (2)***Analytical Techniques***

Detailed comprehensive analysis of representative works from various periods of music history. Repeatable.

MUSIC EDUCATION**MUED301 Alt (2)*****Conducting I***

The theory and application of basic conducting principles.

MUED302 Alt (2)***Conducting II***

The application of theory and techniques unique to the conducting of both choral and instrumental ensembles. Prerequisite: MUED301 or equivalent.

MUED304 Alt (2)***Instrumental Conducting and Literature***

Score analysis; score preparation and programming; study of significant band, orchestra, and ensemble literature. Prerequisite: MUED302 or equivalent.

MUED305 Alt (2)***Choral Conducting and Literature***

Score analysis; score preparation and programming; special techniques in conducting choral music. Prerequisite: MUED302 or equivalent.

MUED375 Alt (1)***Music Methods***

Fundamentals of performing and teaching ensemble instruments and voice with emphasis on their use in band, choir, and orchestra. (Brass [section 02], percussion [section 05], and vocal [section 06] are all taught in the same year, and string [section 04] and woodwind [section 03] are taught alternate years). Repeatable.

MUED421 ◆ Alt (3)***Organ Literature and Pedagogy I***

A chronological survey of organ literature and the development of the instrument along with study of organ teaching and emphasis on keyboard and pedal technique, interpretation, sight reading, and teaching repertoire.

MUED422 ◆ Alt (3)***Organ Literature and Pedagogy II***

Continuation of MUED421. Prerequisite: MUED421 or permission of instructor.

MUED430 ◆ (1-3)***Topics in _____***

A study of selected topics related to the music profession. Consult current class schedule for topics covered each year. Repeatable with different topics.

MUED431 ◆ Alt (3)***Piano Literature and Pedagogy I***

A survey of clavichord, harpsichord, and piano literature and style, and the evolution of these instruments along with the study of the materials and methods of private and class piano instruction.

MUED432 ◆ Alt (3)***Piano Literature and Pedagogy II***

Continuation of MUED431. Prerequisite: MUED431, or permission of instructor.

MUED438 (1-3)***Workshop***

- MUED441** ♦ Alt (3)
String Literature and Pedagogy I
 The study of string literature and style from the Baroque era to the present, including significant solo, chamber, and orchestral works along with the study of beginning through advanced pedagogical techniques, including tone production, dexterity, fingerings, and bowings.
- MUED442** ♦ Alt (3)
String Literature and Pedagogy II
 Continuation of MUED441. Prerequisite: MUED441, or permission of instructor.
- MUED451** ♦ Alt (3)
Vocal Literature and Pedagogy I
 Solo vocal literature representing significant repertoire from the primary eras of music history; Italian, French, and German literature included along with the comprehensive study of current methodology directed toward the achievement of artistic singing and productive studio procedures.
- MUED452** ♦ Alt (3)
Vocal Literature and Pedagogy II
 Continuation of MUED451. Prerequisite: MUED451, or permission of instructor.
- MUED458** ♦ (3)
Music in the Elementary School
 Methods and materials used in musical programs of the elementary grades including rhythm, singing, playing, and listening activities.
- MUED459** ♦ Alt (3)
Music Methods and Materials
 Methods and materials for the teaching of music in the secondary school with emphasis on the organization and administration of choral and instrumental ensembles.
- MUED464** ♦ Alt (1)
Score Reading
 Development of keyboard skills in score reading. Graded choral and orchestral literature from two-stave four-part writing to open score is practiced. Repeatable.
- MUED485** ♦ \$ (1)
Practicum in Conducting
 Individual attention and instruction with one of the larger ensembles. Repeatable. Prerequisite: MUED304 or 305 and permission of teacher.
- MUED515** Alt (3)
Introduction to Research in Music Education
 Research techniques appropriate to research in music education, principles of research design, organization of the research report, and critical examination of representative research studies in music education. Emphasis on developing knowledgeable and discriminating readers and interpreters of completed research.
- MUED518** (3)
Instrumental Methods
 Comprehensive study of current methodology, emphasizing one of the following areas: wood winds, brass, percussion, strings.
- MUED521** Alt (3)
Historical and Philosophical Foundations of Music Education
 Study of the philosophy and practice of Music Education from the 1920s to the present.

- MUED648** (1-3)
Workshop

MUSIC HISTORY AND LITERATURE

- MUHL446** (2)
Music Literature and Style (Antiquity-Renaissance)
 Historical development of musical styles and the relationship between music and social trends of the period. Visual and aural analysis of representative compositions and introduction to biographical and bibliographical materials.
- MUHL447** (2)
Music Literature and Style (Baroque and Classical)
 See MUHL446.
- MUHL448** (2)
Music Literature and Style (20th Century and Romantic)
 See MUHL446.
- MUHL458** (2)
American and World Music
 A study of America's musical past with emphasis on the historical and social context of native, folk, sacred, popular, and classical music, and their interaction. An introduction to musical traditions from around the world with an investigation of their musical languages and the social context in which they happen.
- MUHL519** Alt (3)
Studies in 20th Century Music
 A survey of 20th-century repertoire from its late-19th-century origins to the present. Emphasis is placed on compositional and stylistic trends and surrounding artistic climates.
- MUHL524** (2)
Music Literature Seminar
 A study of selected major works from representative period(s)/composer(s). Provides a synthesis of musicological, historical, analytical, and interpretational techniques. Different literature covered each quarter. Prerequisite: Advanced-level survey courses or demonstrated equivalent. Repeatable with different emphases.
- ## GENERAL EDUCATION
- MUHL214** (3)
Enjoyment of Music
 An opportunity to acquire a better appreciation of classical music—to discover how church music, folk songs, jazz, spirituals, gospel, rock and roll, and pop music fit into the broad spectrum of classical music from 1000 A.D. to the present day.
- MUHL214** H (3)
Enjoyment of Music
 AU/HSI course—see content above.
- IDSC200** (3)
Christ in Music and Art
 An investigation of religious themes in art and music inspired by the life of Christ. Also discussed are the Christian and the aesthetic experience, as well as principles for understanding and evaluating art and music from the Christian perspective. Credit not applicable toward a major or minor in Music or Art.

IDSC310 (3)
Introduction to Western Arts
 The stylistic character and cultural climate of the important epochs of Western civilization; the relationship of painting, sculpture, architecture, and music. Discussion periods and lectures illustrated with colored slides, film strips, and recordings.

HONORS

MUPF396-50 (1)
Honors Music Recital (Junior)
 A memorized recital under the supervision of a music honors committee. Research document on compositions performed is required. May be taken in lieu of certain required and applied music courses.

MUPF496-50 (2)
Honors Music Recital (Senior)
 A memorized recital under the supervision of a music honors committee. A research document on compositions performed is required. May be taken in lieu of certain required and applied music courses.

INDEPENDENT STUDY

MUPF495 (1-3)
Independent Study
 In consultation with a member of the music faculty, a student may choose independent study in a special area of music. A brief outline of the study to be pursued must be submitted to the department chair. A minimum of 30 hours of work is required for each credit. Permission of the department chair required.

CHURCH MUSIC

MURE420 ♦ Alt (3)
Church Music and Hymnology
 The biblical basis for and the theological implications involved in church-music practice with emphasis on the development of principles for guidance in the use and selection of available literature.

MURE485 ♦ (2)
The Church Organ and Service Playing
 The development of the organ and organ literature; a practical study of church services, including organ registrations for choral music, vocal solos, and hymn playing; discussion of the organ interlude and improvisation. Concurrent enrollment in applied music—organ is recommended.

PERFORMANCE

Private Music Lessons \$ (2-3)
For performance majors only
 MUPF165 Applied Music—First-year
 MUPF265 Applied Music—Sophomore
 MUPF365 Applied Music—Junior
 MUPF465 Applied Music—Senior

MUPF165-465 \$ (1-2)
Applied Music Performance Major
 The private study of the performance repertoire and technique of the given instrument or voice and the study of performance-related skills. Repertoire study includes solo and concerted works. Technical study includes scales and arpeggios, technical exercises

appropriate to the performance medium, excerpts (where appropriate) and etudes. Performance-related skills study includes the development of basic-level skills in improvisation and the study of sight-reading.

For non-performance majors and minors \$ (1-2)
 MUPF164 Applied Music—First-year
 MUPF264 Applied Music—Sophomore
 MUPF364 Applied Music—Junior
 MUPF464 Applied Music—Senior

MUPF164-464 \$ (2-3)
Applied Music Non-Performance Major/Minor
 The private study of the performance repertoire and technique of the given instrument or voice and the study of performance-related skills. Repertoire study includes solo and concerted works. Technical study includes scales and arpeggios, technical exercises appropriate to the performance medium, excerpts (where appropriate) and etudes. Performance-related skills study includes the development of basic-level skills in improvisation and the study of sight-reading.

Non-music students may register for music lessons. These courses do not apply toward fulfilling music major degree requirements without specific music faculty action.

For non-music students \$ (1-2)
 MUPF170 Applied Music—First-year
 MUPF270 Applied Music—Sophomore
 MUPF370 Applied Music—Junior
 MUPF470 Applied Music—Senior

Classes open to all students upon permission of the instructor (1)
 MUPF160 Music Class—First-year
 MUPF260 Music Class—Sophomore
 MUPF360 Music Class—Junior
 MUPF460 Music Class—Senior

Recitals
 MUPF397 Recital— Junior (1)
 MUPF497 Recital— Senior (1-2)

Ensembles—Undergraduate (1)
 Department of Music ensembles are open to all students upon permission of the instructor. Ensemble credit may fulfill part of the General Education arts/humanities breadth requirement. Permission to add or drop an ensemble must be approved by the respective instructor.
 MUPF310 Piano Ensemble
 MUPF330 University Orchestra
 MUPF334 Wind Symphony
 MUPF335 I Cantori
 MUPF336 University Chorale
 MUPF339 Chamber Music Ensembles
 MUPF347 Ladies' Chorus
 MUPF385 University Singers

MUPF420 ♦ Alt (2)
Diction for Singers
 The study of the rules for pronunciation and diction of the major languages used by singers. Study of Italian, French, German and Latin with application of International Phonetic Alphabet symbols.

MUPF500 \$ (1-3)
Applied Music Study in Private Lessons (minor performance)
 May also be chosen by non-music majors. Repeatable.

MUPF506 \$ (1-3)
Advanced Conducting— Choral/Instrumental
Section 01: Study of the art and techniques of conducting relative to the score and to the chorus as a performance instrument.

Section 02: Study of the art and techniques of conducting relative to the score and to the orchestra or band as performance instruments. Major works are studied and conducted. Repeatable.

Ensembles—Graduate (0 or 1)
 Department of Music ensembles are open to all students upon permission of the instructor. Ensemble credit may fulfill part of the General Education arts/humanities breadth requirement. Permission to add or drop an ensemble must be approved by the respective instructor.

MUPF525 University Orchestra
 MUPF526 University Wind Symphony
 MUPF527 University Chorale
 MUPF528 University Singers
 MUPF530 Advanced Keyboard Ensemble
 MUPF535 I Cantori
 MUPF537 Ladies' Chorus
 MUPF538 Chamber Music Ensembles

MUPF550 \$ (1-4)
Private Instruction in _____
 Private instruction in composition.

MUPF560 \$ (1-4)
Applied Music Study in Private Lessons (major performance)
 Style and development of repertoire; preparation for public performance. Repeatable.

MUPF575 (2)
Recital

RESEARCH AND SPECIALIZED STUDY

MUHL695 (1-2)
Bibliography and Research in Music
 An introduction to the tools and materials available in music research, with a critical analysis of sources. An examination of the goals and methods of research in music and an introduction to scholarly writing.

MUHL697 (1-3)
Independent Study and Research in Music
 Repeatable.

MUHL698 (2)
Project
 Repeatable to 4 credits.

MUHL699 (6)
Master's Thesis

NURSING

Marsh Hall (Second Floor)
 (616) 471-3311 or (800) 877-2863
 nursing@andrews.edu
 http://www.andrews.edu/NRSG/

Faculty

Karen A. Allen, *Chair*
 Ruth D. Abbott
 Nancy A. Carter
 Carol Catron
 Phyllis E. Collins
 Stephen Dallas
 Diane M. Ford
 Frances E. Johnson, *Director of Graduate Programs*
 Cindi Papendick
 Cairn L. Ruhumuliza
 Arlene M. Saliba
 Cynthia C. Small
 Victoria L. Wickwire, *Associate Chair*
Director of Undergraduate Programs

Academic Programs	Credits
BS: Nursing (NCLEX-preparatory)	59
BS: Nursing (BS completion)	33
MS: Nursing	
Adult Nurse Practitioner	45
Administrator Track	42
Family Nurse Practitioner	51
Nurse Education	38
Post-MS Certificate	
Adult Nurse Practitioner	28
Family Nurse Practitioner	34
Family Nurse Practitioner (Post-ANP)	12
Nurse Education	12

Seventh-day Adventist nursing is a professional practice designed to assist in the restoration of individuals to the image of their Maker. Professional nurses promote health and prevent illness through the facilitation of informed decision making and self-care behaviors in addition to providing expert and compassionate care to clients and families.

The Nursing Department provides a baccalaureate education in nursing which enables graduates to practice basic professional nursing, to use that practice as a vehicle for Christian witness, and to cultivate the intellectual skills needed for graduate study in nursing. The department also provides graduate education in nursing which enables alumni to practice nursing at an advanced level, to expand professional communication skills, to analyze and apply research appropriately, to develop expertise in a selected advanced practice role and to integrate Christian principles into institutional policy development and application as well as in professional practice.

The Andrews University nursing program is approved by the Michigan Board of Nursing and holds accreditation from the National League for Nursing Accrediting Commission* (NLNAC).

*NLNAC
 61 Broadway-33rd Floor
 New York, NY 10006
 Phone: 212-363-5555 Ext. 153