

laboratory science courses: BIOL165, 166, CHEM131, 132 and PHYS241, 242, 271, 272. A student may be admitted with deficiencies in the above courses, but this exception requires the student to take additional credits beyond the minimum 32 credits required.

MS Degree Requirements

1. Compliance with all standards as given in the *Graduate Degree Academic Information* section of the bulletin.
2. Completion of a curriculum consisting of 32–40 credits approved by a supervising committee.
3. Passing a comprehensive examination over two areas from among Mathematics, Biology, Chemistry and Physics.

Core Courses

MATH405 (3), IDSC526 (2)
 IDSC698 (1–3) may be repeated up to 6 credits,
 IDSC575 (1), undergraduate prerequisites* (0–8), and other courses recommended by the student’s committee.

Disciplinary Core

For students choosing the Chemistry and/or Physics options:
 CHEM431, 432 (6) and CHEM441, 442 (2)
 or PHYS411 (2.5) and PHYS430 (2.5) and PHYS481 (3),

*Up to 8 credits selected from among the prerequisites listed in the specific admission requirements are added to the minimum 32 credits for the degree.

Total MS degree credits required—32–40

- The student must include at least 12 credits in each of the two disciplines selected for the degree.
- A student must complete a minimum of 16 credits in courses numbered 500 and above.

Core

See Interdisciplinary Studies for IDSC course descriptions; Biology for BIOL; Chemistry and Biochemistry for CHEM and BCHM; Mathematics for MATH; Physics for PHYS.

Procedure

1. Upon acceptance, the student consults with the program coordinator and a graduate advisor to develop a plan of study. Any deficiencies, prerequisites, research, language tools, transfer credits, and residency are discussed to establish the status of the student.
2. The student then submits a plan of study to the program coordinator for approval and identifies three faculty members to serve as a supervisory committee. The approved plan of study becomes the curriculum the student will follow to complete the requirements for the degree. Any changes in the plan of study must therefore be approved by the program coordinator and the committee.
3. All projects must be submitted to the supervising committee at least two months prior to graduation. The student will be expected to give an oral presentation and an oral defense of the project. The program coordinator recommends final project approval after the consent of the committee has been obtained.
4. Comprehensive exams in the two areas of concentration must be completed at least one month prior to graduation.
5. When 50% of all course work has been completed, the student initiates advancement to degree candidacy by submitting the required forms to the program coordinator. When the program coordinator approves the student for graduation, a recommendation is sent to the Records Office and to the Dean of Graduate Studies.
6. Graduation procedures and degree conferral as described in this bulletin.

Hamel Hall, Room 207
 (269) 471-3555; FAX (269) 471-6339
 cflores@andrews.edu

Faculty

Carlos A. Flores, *Chair*
 Lilianne Doukhan
 Claudio Gonzalez
 Julia S. Lindsay
 Kenneth D. Logan
 Alan F. Mitchell
 Carla L. Trynchuk
 Stephen P. Zork

Academic Programs	Credits
BA: Music	46
With BBA	115
BMus (Bachelor of Music)	
Music Education	82–86
Teacher Certification Requirements	35
Music Performance	91
Minor in Music	26
Minor in Elementary Music Education	26
MA: Music	32
MA: Music Ministry	40
MMus (Master of Music)	
Music Education	35
Performance	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 se

completes these two admission requirements the Music Department freshman advisor 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 for a minimum of 8 credits.

Minimum Passing Grades. No grade lower than a C in an applied lesson, ensemble, or music class will count towards fulfillment of degree or program requirements for the music major or music minor. This includes transfer music credits.

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 by the end of the sophomore year before a student is advanced to upper-division status.

Recital Attendance. All music majors are required to enroll in the course MUPF489 Recital Attendance each semester in residence. Music minors are required to enroll in this course for four (4) semesters.

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.

M c P e f a c e C e d

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

BA: Music—46

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: MUCT141, 142, 151, 152, 241, 242, 251; MUHL258, 446, 447, 448; MURE420; minimum 8 credits of performance in one area which includes a 1- or 2-credit recital or project; 8 credits of ensemble; MUPF489; Piano Proficiency.

Cognate: PHYS205 (fulfills GE Physical Science requirement)

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 8 credits of ensemble.

BA: Music with Bachelor of Business Administration—115

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—69

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. 31) 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

MUHL524 (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
MUPF489

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; MUPF489

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

MUPF489

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

MUPF489

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

MUPF489

C e

(Credits)

See inside front cover for symbol code.

M c T e

MUCT141

(3)

Review of music fundamentals, including the music vocabulary,

keys and rhythm, as well as the basic elements of melody and harmony (scales, intervals, and triads) and a basic study of the principles of chord progression utilizing triads in root position.
Revised content available in MICT151

MUED430**(1-3)**

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

MUED436**Alt (3)**

Solo vocal literature representing significant repertoire from the primary eras of music history; Italian, French and German Literature.

MUED437**Alt (3)**

A comprehensive study of current methodology directed toward the achievement of artistic singing and productive studio procedures.

MUED438**(1-3)**

Independent Study

MUPF495 (1–3)

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)

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 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

There is open enrollment for private music lessons (credit and non-credit) until the drop/add deadline of each semester (10th calendar day after the beginning of each semester).

For performance majors only \$ (2–3)

MUPF165	Applied Music—First-year
MUPF265	Applied Music—Sophomore
MUPF365	Applied Music—Junior
MUPF465	Applied Music—Senior

MUPF165-465 \$ (2–3)

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. Each of these courses require concurrent enrollment in MUPF489.

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 \$ (1–2)

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. Each of these courses require concurrent enrollment in MUPF489.

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)
MUPF490	Recital Continuation	(0)

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
MUPF345	Sinfonietta
MUPF346	Men's Chorus
MUPF347	Ladies' Chorus
MUPF385	University Singers

MUPF420 Alt (3)

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.

MUPF489 (0)

Attendance of on- and off-campus live musical events. Required for all music majors each semester in full-time residence and four (4) semesters for music minors. Repeatable. Pass/Fail.

Students are required to attend nine (9) live musical events each semester in order to pass the course, at least seven (7) of which must be sponsored by the Department of Music. Students may count ensemble concerts in which they perform, but note that multiple performances of a given concert may only be counted as one (1) concert. Music majors and minors who do not achieve a "pass" for one (1) semester may risk losing their standing as a music major or minor.

MUPF500 \$ (1–3)

May also be chosen by non-music majors. Repeatable.

MUPF506 \$ (1-3)

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. Each of these courses require concurrent enrollment in MUPF489.

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
MUPF545	Sinfonietta
MUPF546	Men's Chorus

MUPF550 \$ (1-4)

Private instruction in composition.

MUPF560 \$ (1-4)

Style and development of repertoire; preparation for public performance. Repeatable. Each of these courses require concurrent enrollment in MUPF489.

MUPF575 (1-2)**MUPF640** (0)**Re e a c a d S e c a e d S d****MUHL650** \$ (0)**MUHL665** \$ (0)**MUHL695** (1-2)

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)

Repeatable.

MUHL698 (2)

Repeatable to 4 credits.

MUHL699 (6)**NURSING**

Marsh Hall (Second Floor)
(269) 471-3311 or (800) 877-2863
nursing@andrews.edu
<http://www.andrews.edu/NRSG/>

Faculty

Karen A. Allen, *Chair, and Director of Graduate Programs*
Ruth D. Abbott
Nancy A. Carter, *Director of Undergraduate Admissions and Progressions*
Henrietta H. Hanna, *Director of Undergraduate Curriculum*
Dwight Huslin
Arlene M. Saliba
Gisela E. Schmidt, *Director of Clinical Practicum*
Cynthia C. Small
Cherie Wilson

Academic Programs	Credits
BS: Nursing (NCLEX-preparatory)	59
BS: Nursing (BS completion)	32
MS: Nursing	
Nurse Education	38
Post-MS Certificate	
Nurse Education	13

M

Based on a framework of Seventh-day Adventist precepts and restoration to the image of God, the Andrews University Department of Nursing prepares nurses at the baccalaureate and master's degree levels. This preparation is for life-long Christian work in nursing service, technology, practice, education, leadership and research to the local, national, and international communities.

The faculty create a learning environment within a culturally diverse context, which develops and enhances critical thinking, communication, therapeutic nursing interventions, professional development, and Christian service.

V

To prepare professional nurses to reflect Christian spirituality, caring attitudes, clinical excellence, and cultural competence for service in an ever-changing environment.

P a Acc e d a

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