

Music (undergraduate majors and minors)*

The Greatbatch School of Music: Ben R. King, director and Associate Dean

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*See Graduate Bulletin for information regarding graduate curricula, faculty, and courses.

Web site: www.houghton.edu/Greatbatch

E-mail: music@houghton.edu

Mission

Within a Christ-centered, challenging, liberal arts education, The Greatbatch School of Music, Houghton College endeavors to produce graduates who, through commitment to musical excellence and to intelligent articulation of the integration of faith and music in their lives, can be effective musical practitioners and advocates in the Christian community and in the broader world.

Accreditation

The Greatbatch School of Music is a full member of the National Association of Schools of Music, and its curricula conform to NASM published standards.

Majors: Music BA (40-42 hours); Performance BMus (hours variable); Music Education BMus (hours variable); Composition BMus (hours variable).

Minors: Performance and contract minors available (16 hours).

Liberal arts study in the Greatbatch School of Music, Houghton College

Liberal arts students may study privately on a credit basis, may elect major or minor concentrations in music, and may participate in music ensembles. No more than eight hours of applied music may count toward graduation for students who are not majoring or minoring in music.

Liberal Arts Music Major (BA)

Course requirements (listed in catalog order):

INST 201-202	Applied Music (6 hours at or above INST 201)	6
MUS –	Ensembles (Each semester of residence, with or w/o credit)	0
MHS 231-334	Music History and Literature I-IV (any 2)	4-6
MLT 211	Music & Listening: an introduction	4
MUS 250	Music in Christian Perspective	2
MTH 225, 226, 227, 228, 325, 326, 327, 367	Theory	18
	Electives in Music (211 or above)	6
	Total:	39-42

Senior Capstone Requirement

As a culminating experience in the music major, the degree candidate shall:

1. Prepare and successfully present a public performance of literature on the principal instrument, either as a solo half-recital or as a lecture-recital, with accompanying approved program notes, or
2. Prepare a paper or project examining some aspect of music, either alone or in relationship to another field of inquiry, or
3. Participate in an internship appropriate to the major or majors chosen.

The BA degree in music can be combined with other curricula in a double major. Business administration, communication, and psychology are combinations often selected. These combinations are valuable for those

wishing to work in some aspect of the music industry. Suggested course sequences may be found in the Music Student Handbook. An audition is required to establish an appropriate performance course level.

For those interested in full-time Christian service with music as a component, a double major with either Bible or Christian Formation (see those respective majors) is recommended. With this major, directed electives in church music should be chosen. An audition is required to establish an appropriate performance course level. BA music majors must maintain membership in a major ensemble (see ensembles section) with or without credit. Choice of ensemble is made with the School of Music director's approval.

The recital attendance requirement for BA majors is ten performances per semester for any four semesters of residence.

Bachelor of Music - Entrance requirements for music majors

Students planning to pursue bachelor of music curricula should request a special music application when applying for admission to the college. An entrance audition in the major performing area is required. A schedule of such auditions is available from The Greatbatch School of Music. A tape-recorded audition may be sent, by permission of the director, in cases where an in-person audition is not possible. All appropriate forms, guidelines, supplemental information, and scholarship information are available through the music office or online (www.houghton.edu/Greatbatch). Call 800.777.2556 or send an e-mail to request these.

Transfer students

Students transferring to Houghton and intending a bachelor of music curriculum should follow the entrance and application procedures outlined above. In addition, transfer students must complete at least four semester hours at Houghton in their major applied area, regardless of achievement or previous hours completed.

Integrative Studies Requirements - Bachelor of Music Curricula

As part of all bachelor of music curricula, students are required to have 32 hours of integrative studies credits, including the following:

Competencies

- A. **Writing** (*must satisfy by end of first year*)
 - 1) Passes WRIT 101 Writing in the Liberal Arts;
 - 2) Passes ENGL 207 Introduction to Literary Studies;
 - 3) Earns a score of at least 4 on the AP English Language exam;
 - 4) Earns a score of at least 600 on the Writing portion of the SAT;
 - 5) Earns a score of at least 26 on the Writing portion of the ACT.
- B. **Foreign Language**
Performance, Music Ed Vocal Emphasis (Voice concentration) & Non-music Elective Studies majors:
Equivalent to 1st year of college instruction.
Composition, Music Ed Instrumental, and Music Ed Vocal Emphasis (Keyboard Concentration):
Equivalent to 1st semester of college instruction.

Faith Foundation

Students required to take BIBL 101 must complete Bible by end of first year. Students taking Advanced Bible may take it at any time. THEL 209 normally taken second year and after BIBL 101; may be taken before Advanced Bible.

- A. **Bible**
BIBL 101 Biblical Literature **OR**
Students with at least two years' study of Bible in high school and at least a B average in those courses may take a 200-level BIBL course for their integrative studies requirement. (Exclusions: BIBL 251 Bible History and Geography and BIBL 261 Holy Land Tour.)
- B. **Theology**
THEL 209 Introduction to Christianity
THEL 209H Honors Introduction to Christianity
INTS 153 Honors: East Meets West

Culture: Understanding Human Thought and Creative Expression Across Time

Students must take at least two of these three categories.

- A. **History**
HIST 101 Western Civilization I: Ancient Civilization to 1650 **and** HIST 102 Western Civilization II: 1650 to the Present (students take both)
HIST 103 and 104 Western Civilization I and II: Science Honors
HIST 105 Western Civilization: Ancient to the Present
HIST 105H Honors Western Civilization: Ancient to the Present
INTS 153 Honors: East Meets West
HIST 220 American History Survey
HIST 223 Latin American History to 1800
HIST 224 Latin American History since 1800
HIST 230 Medieval Europe

HIST 249 African History
HIST 325 Europe in the Nineteenth Century
HIST 326 Europe: 1890-1945
HIST 332 History of Rome
HIST 359 Colonial America
HIST 360 Early National Period
HIST 361 Civil War and Industrial America
HIST 362 Recent America
HIST 368 The Reformation

B. Literature

ENGL 202 Literary Voices
ENGL 213 English Literature I
ENGL 214 English Literature II
ENGL 217 American Literature I
ENGL 218 American Literature II
INTS 203 Literature and Wisdom
INTS 203H Honors Literature and Wisdom

C. Philosophy

INTS 203 Literature and Wisdom
INTS 203H Honors Literature and Wisdom
PHIL 202 Metaphysics, Morality and Mind
PHIL 203 Theism, Naturalism and the Sciences
PHIL 230 Philosophy in Film
PHIL 243 Ancient Philosophy
PHIL 244 Medieval Philosophy
PHIL 245 Early Modern Philosophy
PHIL 246 Late Modern and Contemporary Philosophy

Creation: Understanding the Natural World

Music Ed Vocal and Music Ed Instrumental majors ONLY

A. PHYS 140 Physics of Music

OR

A. Science

If not taking PHYS 140, Music Ed majors must choose at least one course from A and one from B with two different prefixes.

BIOL 103 Fundamentals of Biology
BIOL 105 Conservation Biology
BIOL 151 General Biology I
BIOL 152 General Biology II
BIOL 207 Wildlife Behavior in East Africa
BIOL 215 Local Flora and Vegetation
BIOL 217 Human Anatomy and Physiology I
BIOL 218 Human Anatomy and Physiology II *(with permission)*
CHEM 151 General Chemistry I (lab)
CHEM 187/188 Introduction to Nutrition and lab
ESCI 101 Physical Geology (lab)
ESCI 212 Environmental Earth Science (lab)
PHYS 102 General Astronomy (lab)
PHYS 130 How Things Work (lab)
PHYS 151 General Physics I (lab)

B. Math or Science *(If Quantitative Literacy in Competencies is not met, student must take a MATH course.)*

MATH 111 Mathematics for the Liberal Arts
MATH 115 Introduction to Calculus
MATH 131 Principles of Statistics
MATH 181 Calculus I
MATH 182 Calculus II
MATH 183 Science Honors Calculus
BIOL 103 Fundamentals of Biology
BIOL 105 Conservation Biology
BIOL 151 General Biology I
BIOL 152 General Biology II
BIOL 207 Wildlife Behavior in East Africa
BIOL 215 Local Flora and Vegetation
BIOL 217 Human Anatomy and Physiology I
BIOL 218 Human Anatomy and Physiology II *(with permission)*
CHEM 121 Impact: Science on Society
CHEM 151 General Chemistry I
CHEM 187 Introduction to Nutrition
CSCI 211 Programming I
ESCI 101 Physical Geology *
ESCI 212 Environmental Earth Science*
PHYS 102 General Astronomy *

PHYS 130 How Things Work
PHYS 151 General Physics I

**These courses may be taken for 4 hours including a lab component; or, for students who have taken a different lab science and have satisfied their QL competency without a Houghton math course, for 3 hours without a lab.*

Integrative Studies Electives

Must take as many different Integrative Studies Electives with different Prefixes as necessary to reach 32 Integrative Studies credits.

Choose from any courses listed above not already taken to fulfill other categories and/or choose any courses from the following list.

ART 131 Introduction to Visual Arts (Lecture)
ART 132 Art and Architecture in Context in Europe (Lecture)
ART 211 Drawing I (Studio)
ART 221 Painting I (Studio)
ART 231 Ancient Art History (Lecture)
ART 232 Renaissance and Baroque Art History (Lecture)
ART 234 Art and Architecture in Europe (Lecture)
ART 235 African Art History (Lecture)
ART 236 Asian Art History (Lecture)
ART 237 Modern and Contemporary Western Art History (Lecture)
ART 238 Art and Music in Australia and New Zealand
ART 245 Graphic Design I (Studio)
ART 251 Sculpture I (Studio)
ART 261 Printmaking I (Studio)
ART 271 Ceramics I (Studio)
ART 281 Foundations of Photography (Studio)
ART 284 Introduction to Digital Imaging (Studio)
ART 295 ST: Artist's Book and Papermaking (Studio)
ART 295 ST: Introduction to Watercolor Painting (Studio)
ART 295 ST: Imaging the Landscape (Studio)
ART 295 ST: Portraying Place (Studio)
ART 295 ST: Public Studio (Studio)
ART 295 ST: Textile and Fiber Design (Studio)
ART 314 The Art and History of Film (Lecture)
ART 340 Fine Arts of Southeastern Europe
INCL 255 Thai Cultural Arts
Economics Combination: ECON 201 Introduction to Economics (prerequisite) **and** one of the following
ECON 210 Principles of Microeconomics
ECON 211 Principles of Macroeconomics
ECON 212 International Economics
ECON 213 American Economic History I: Colonial Era-1865
ECON 214 American Economic History II: 1865-Present
ECON 237 Comparative Economic Systems
ANTH 243 Cultural Anthropology
BADM 301 Business Communication (COMM)
COMM 101 Presentational Speaking
COMM 205 Introduction to Communication Theory
COMM 214 Introduction to Mass Media
COMM 215 Interpersonal Communication
COMM 216 Organizational Communication
COMM 244 Oral Performance of Literature
COMM 319 American Public Address
INTS 153 Honors: East Meets West (POLS)
INTS 159 Science Honors: Communication
POLS 205 In Search of Justice
PSY 111 Introduction to Psychology
PSY 218 Social Psychology
PSY 230 Lifespan Development of the Family
PSY/SOC 328 Community and Society in Australia and New Zealand*
PSY/SOC 329 Australian and New Zealand Culture through Film*
SOC 101 Principles of Sociology
SOC 222 Social Problems
SOC 225 Foundations of Environmental Sociology
SOC 226 Culture, Faith, and Creation
SOC 237 Introduction to Marriage and Family Studies
*May use only one of these courses for one IS requirement

The following courses must be taken for credit - either for a grade or for pass/fail unless otherwise noted (L=letter grade required).

EQST 113 Horsemanship I

EQST 114 Horsemanship II
 EQST 276 Dressage (L)
 EQST 323 Eventing (L)
 EQST 325 Horsemanship: Jumping I (L)
 PHED 101 Fitness for Life (L)
 PHED 121 Badminton
 PHED 122 Beginning Ballet
 PHED 123 Canoeing
 PHED 124 Cross-Country Skiing
 PHED 125 Downhill Skiing/Snowboarding
 PHED 126 Golf
 PHED 129 Table Tennis
 PHED 130 Racquetball
 PHED 131 Rock Climbing
 PHED 133 Softball
 PHED 135 Swimming
 PHED 136 Tennis
 PHED 137 Volleyball
 PHED 138 Walking/Jogging
 PHED 139 Water Skiing
 PHED 140 Weight Training
 PHED 141 Walking for Wellness
 PHED 145 Continuing Ballet
 PHED 146 Beginning Jazz Dance
 PHED 147 Soccer
 PHED 148 Continuing Jazz Dance
 PHED 220 Adventure Sports (L)
 PHED 228 Lifeguarding (L)
 PHED 229 Educational Gymnastics (L)
 PHED 230 Aquatics (L)
 PHED 237 Holistic Health (L)
 PHED 330 Physiology of Exercise (L)
 REC 103 Initiatives (L)
 REC 104 Backpacking (L)
 REC 109 Highlander (L)
 REC 202 Scuba Diving in Honduras (L)
 REC 203 Advanced Wilderness First Aid (L)
 REC 211 Eco-tour in Honduras (L)
 REC 212 Eco-tour in Africa (L)
 REC 227 Outdoor Leadership Training (L)

*The minimum requirement for Music Education-Instrumental (MEI), Composition, and Music Education-Vocal (MEV) Piano Concentration majors is four hours of beginning foreign language. The minimum requirement for Music Education-Voice (MEV) majors, and for Instrumental Performance majors, is eight hours of one foreign language, normally either German (preferred) or French. The minimum requirement for Vocal Performance majors is 16 hours of beginning language, one year each of French and German. Music majors may satisfy these requirements via placement exam, CLEP, or AP exam.

Bachelor of Music - Senior Capstone Experience

As a culminating experience in any bachelor of music curriculum, the degree candidate shall successfully complete the senior capstone experience. Composition, music education, and performance majors prepare and successfully present one or more public performances of literature on the principal instrument, either a solo half-recital (music education curricula), the junior-senior recital sequence MUS 385/485 (performance curricula), or a full senior composition recital (composition curriculum). For music education majors the successful completion of music student teaching and its attendant seminar (MED 405, 419) are also components of the capstone. For the Bachelor of Music with Non-Music Elective Studies, Bachelor of Arts capstone criteria apply.

Bachelor of Music in Composition

The composition curricula provides a foundation for graduate degree study leading to college/conservatory teaching credentials in composition and theory, as well as professional and/or commercial compositional activity. Students explore a wide variety of musical styles with an emphasis on understanding compositional techniques which may be less familiar to them, such as those of 20th century art music. The senior recital requirement may be met by either a full recital of original compositions, or by a half recital of original compositions plus an original work of significant length and form included in another performance. The composer must serve as a performer or conductor for at least one of the pieces on the senior recital.

Course requirements (listed in catalog order):

COMP 201-402	Applied Composition	16
INST 201+	Applied Music (Required piano: min. 4 hours at or above PIAN 201) ..	6-18
PERF 485	Senior Capstone: Senior Recital	0
MUS 229	Basic Conducting	2
MUS 329	Choral Conducting or	
MUS 430	Instrumental Conducting	2
MUS—	Ensembles (with or without credit-8 semesters)	0
MED 214	Woodwind Instruments	1
MED 215	String Instruments	1
MED 217	Brass Instruments	1
MED 218	Percussion Instruments	1
MHS 231-334	Music History and Literature I-IV	10
MUS 250	Music in Christian Perspective	2
MUS 356	Vocal Pedagogy (Voice concentration only)	(2)
MTH 226, 228, 326	Aural Skills	4
MTH 225-7, 325-7, 367	Theory	14
	Advanced coursework, as follows:	6
	At least one of MTH 458 Sixteenth Century Counterpoint (3) or MTH 463 Form and Analysis (3) or MTH courses numbered 500 and above, with permission.	
	If only one MTH prefix is chosen, the second advanced course may be MHS 490, Topics in Music History.	
	Total:	66-80

Entering Composition majors are expected to enter with performance proficiency equivalent to INST 201 in the principal instrument concentration and PIAN 101 (if the principal instrument concentration is not the piano). Required graduation levels are minimum 6 hrs at or above INST 301 in the principal instrument concentration and minimum 4 hrs of piano at or above PIAN 201 if the principal instrument concentration is not the piano.

Bachelor of Music with Non-Music Elective Studies

This innovative, flexible curriculum provides an excellent option for musicians combining a passion for music with other interests and talents, providing the opportunity to combine in-depth with significant, focused work (18 hours minimum, up to 33 hours) in another discipline. The range of possibilities can be as creative as the interests and abilities of the student permits.

Course requirements (listed in catalog order):

INST 201-401	Major Applied Studies (min. 3 hours at or above INST 401).....	15
MUS 229	Basic conducting	2
MUS 250	Music in Christian Perspective	2
MUS ---	Ensembles (with or without credit--8 semesters)	0
MHS 231-334	Music History and Literature I-IV	10
MKBD I-IV	Practical keyboard I-IV (or equivalent competency).....	0-4
MTH 226, 228, 326	Aural Skills	4
MTH 225-7, 325-7, 367	Theory	14
	Music Electives	6-13
	Music Capstone	0-3
	Music Total needs to equal	60
	Non-music Elective studies (must include the minor in any discipline offering the minor).....	18-33

Music Education

Music education curricula prepare students for teaching music in grades **K**-12. Entrance levels and graduation requirements vary for the four curricula as outlined below. These curricula meet all teacher certification requirements of the Board of Regents of the University of the State of New York.

Admission to the Houghton College Teacher Education Program is by application, and continuation in the program requires meeting the standards outlined below. The Teacher Education Committee takes into account each candidate's prospects for successful completion of courses and field placement requirements in its decisions. Preparing to become a music teacher involves more than academic preparation in the college classroom. Part of the process of becoming an effective music educator includes cultivating professional behaviors, attitudes and dispositions that are expected of professionals in this field. To that end, prospective music teacher education students must demonstrate acceptable evidence of professional dispositions for admittance into and continuation in the Houghton College Teacher Education Program.

For admission to the **teacher education** program a student must:

1. Complete an application (available from the department office, 200 Chamberlain Center or from

- the office of the Coordinator of Music Education),
- 2. Receive formal sophomore review approval from the music faculty,
- 3. Successfully complete the writing sample assessment,
- 4. Present a cumulative grade point average of at least 2.5,
- 5. Demonstrate acceptable evidence of professional dispositions, and
- 6. Receive formal approval from Teacher Education Committee.

To be approved for **music student teaching**, a student must:

- 1. Complete and submit the Application for Professional Field Semester **by the end of the second week of the spring semester prior to the requested fall semester placements**,
- 2. Have successfully completed all appropriate music education courses as outlined in the college catalog,
- 3. Have completed MED 210, 211 and 100 clock hours of observation in public or private schools,
- 4. Have successfully completed all required professional education courses as follows: EDUC 217 or 218, 219 and 235,
- 5. Present a cumulative grade point average of at least 2.7,
- 6. Demonstrate acceptable evidence of professional dispositions,
- 7. Complete all state-mandated training sessions required for certification by the end of the sophomore year (completed in EDUC 202 Topics in Professionalism),
- 8. Complete all of the required contact hours, and
- 9. Receive formal approval from the Teacher Education Committee.

Bachelor of Music in Music Education – Instrumental emphasis (MEI)

Music Courses (listed in catalog order):		Hours
INST 201-402	Applied Concentration (min. 9 hrs at or above INST 401)	19
VOIC 101	Voice (beyond MCLV)	1
PERF 485	Senior Capstone: Senior Recital	0
MCHU 475	Service Playing, Piano (keyboard concentration only)	(1)
MUS 229	Basic Conducting	2
MUS 430	Instrumental Conducting	2
MED 214-218	WW, St, Br, Prc Instruments	4
MED 330	Keyboard Skills (Keyboard concentration only)	(2)
MUS –	Ensembles (7 sem., with or w/o credit)	0
MUS 223	Jazz Workshop	1
MKBD I-III	Practical Keyboard I-III (Instr. concentration only)	(0-3)
MHS 231-334	Music History and Literature I-IV	10
MUS 250	Music in Christian Perspective	2
MTH 226, 228, 326	Aural Skills	4
MTH 225-7, 325-7, 367	Music Theory	14
Total:		62

Professional Education:		Hours
EDUC 202	Topics in Professionalism	0
EDUC 219	Educational Psychology	4
EDUC 217	Education and American Culture <i>or</i>	4
EDUC 218	Secondary Education and American Culture.....	4
EDUC 235	Educating Exceptional Learners	4
MED 210	Field Experience in Music Education	2
MED 211	Workshop: Language Acquisition and Literacy Dev	0
MED 227-242	St, Br, Prc, WW Techniques	7
MED 351	Elementary School Methods	2
MED 354	Instrumental Methods	2
MED 405	Student Teaching	12
MED 419	Student Teaching Seminar	2
Total:		39

Bachelor of Music in Music Education – Vocal emphasis (MEV)

Music Courses (listed in catalog order):		Hours
INST 201-402	Applied Concentration (min. 7 hrs at or above INST 401)	19
VOIC 101	Voice (beyond MCLV; Keyboard concentration only).....	(2)
PERF 485	Senior Capstone: Senior Recital	0

MCHU 475	Service Playing, Piano (Keyboard concentration only)	(1)
MUS 229	Basic Conducting	2
MUS 329	Choral Conducting	2
MED 214-218	WW, St, Br, Perc Instruments	4
MED 330	Keyboard Skills (Keyboard concentration only)	(2)
MUS –	Ensembles (7 sem, with or w/o credit)	0
MUS 353	Opera Theatre	1
MKBD I-VI	Practical Keyboard I-VI (Voice concentration only)	0-6
MHS 231-334	Music History and Literature I-IV	10
MUS 219-220	Foreign Language Diction	2
MUS 250	Music in Christian Perspective	2
MUS 356	Vocal Pedagogy (Voice concentration only)	(2)
MTH 226, 228, 326	Aural Skills	4
MTH 225-7, 325-7, 367	Music Theory	14
	Total:	62-68

Professional Education:		Hours
EDUC 202	Topics in Professionalism	0
EDUC 219	Educational Psychology	4
EDUC 217	Education and American Culture or	4
EDUC 218	Secondary Education and American Culture	
EDUC 235	Educating Exceptional Learners	4
MED 210	Field Experience in Music Education	2
MED 211	Workshop: Language Acquisition and Literacy Dev	0
MED 351	Elementary School Methods	2
MED 352	Secondary School Methods	2
MED 405	Student Teaching	12
MED 419	Student Teaching Seminar	2
	Total:	32

Bachelor of Music in Music Education – Alternate Applied Concentration in Composition (MEV-C or MEI-C)

An alternate curricular plan in music education (for students with either vocal or instrumental emphasis) with a concentration in composition is available for qualified students. The bachelor of music in music education curricula outlined above form the core, with the following changes:

Music Courses (listed in catalog order):		Hours
INST 201+	Applied Music (at or above INST 201)	10
COMP 201-202	Applied Composition.....	6
Advanced theory chosen from		3
MTH 458	Sixteenth Century Counterpoint (3) or	
MTH 463	Form and Analysis (3) or	
MTH courses numbered 500 and above, with permission		
MAP 485	Senior Capstone: Senior Recital (Composition)	0

Students pursuing this major must meet the entrance and graduation proficiency requirements cited under the BMus Composition major.

Performance curricula give initial preparation for careers as solo performers in concert, recording, or church fields; as accompanists, as private studio teachers; as professional ensemble members; as junior college or Bible school faculty, or college teachers (after advanced study). Practical experience in teaching is desirable during junior/senior years. Highest level of performance is expected. Course requirements are listed in catalog order:

Bachelor of Music in Performance – Instruments: Brass, Guitar, Percussion, Strings, or Woodwinds

Music Courses (listed in catalog order):		Hours
INST 301-402	Major Applied Studies (min. 16 hours at or above INST 401).....	30
INST 101+	Applied minor in major family	4
PIAN 101	Piano(beyond MKBD III)	3-6
PERF 385	Junior Recital	0

PERF 485	Senior Capstone: Senior Recital	0
MUS 229	Basic Conducting	2
MUS 430	Instrumental Conducting	2
MUS –	Ensembles (with or without credit -- 8 semesters)	0
MED 241	Brass Techniques (2) or	
MED 242	Woodwind Techniques (2) or	
MED 240	Percussion Techniques (1) or	
MED 227	String Techniques (2)	1-2
MHS 231-334	Music History and Literature I-IV	10
MLT 450-1-2-3	Instrumental Literature	2
MUS 250	Music in Christian Perspective	2
MTH 226, 228, 326	Aural Skills	4
MTH 225-7, 325-7, 367	Theory	14
	Advanced coursework, as follows:	6
	At least one of MTH 458 Sixteenth Century Counterpoint (3) or MTH 463 Form and Analysis (3) or MTH courses numbered 500 and above, with permission.	
	If only one MTH prefix is chosen, the second advanced course may be MHS 490, Topics in Music History.	
	Total:	81-84

Bachelor of Music in Performance – Organ

Music Courses (listed in catalog order):	Hours	
ORGN 301-402 Organ (min. 16 hours at or above ORGN 401)	30	
PIAN 201-202 Piano (at or above PIAN 201)	5	
PERF 385 Junior Recital	0	
PERF 485 Senior Capstone: Senior Recital	0	
MCHU 476 Service Playing	1	
MUS 229 Basic Conducting	2	
MUS – Ensembles (with or without credit -- 8 semesters)	0	
MHS 231-334 Music History and Literature I-IV	10	
MLT 470 Organ Literature	2	
MUS 250 Music in Christian Perspective	2	
MUS 470 Organ Pedagogy	2	
MED 330 Keyboard Skills	2	
MTH 226, 228, 326 Aural Skills	4	
MTH 225-7, 325-7, 367 Theory	14	
	Advanced coursework, as follows:	6
	At least one of MTH 458 Sixteenth Century Counterpoint (3) or MTH 463 Form and Analysis (3) or MTH courses numbered 500 and above, with permission.	
	If only one MTH prefix is chosen, the second advanced course may be MHS 490, Topics in Music History	
	Total:	80

Bachelor of Music in Performance – Piano

Music Courses (listed in catalog order):	Hours	
PIAN 301-402 Piano (min. 16 hours at or above PIAN 401)	30	
INST 101-102 Applied Minor (organ strongly recommended)	5	
PERF 385 Junior Recital	0	
PERF 485 Senior Capstone: Senior Recital	0	
MCHU 475A Service Playing	1	
MUS 229 Basic Conducting	2	
MED 330 Keyboard Skills	2	
MUS – Ensembles (with or without credit -- 8 semesters)	0	
MHS 231-334 Music History and Literature I-IV	10	
MLT 480 Piano Literature	2	
MUS 250 Music in Christian Perspective	2	
MUS 477 Piano Pedagogy	3	
MTH 226, 228, 326 Aural Skills	4	
MTH 225-7, 325-7, 367 Theory	14	
	Advanced coursework, as follows:	6
	At least one of MTH 458 Sixteenth Century Counterpoint (3) or MTH 463 Form and Analysis (3) or	

MTH courses numbered 500 and above, with permission.
 If only one MTH prefix is chosen, the second advanced course may be MHS 490, Topics in Music History.
 Total:81

Bachelor of Music in Performance – Voice

The minimum requirement for Vocal Performance majors is 16 hours of beginning language, one year each of French and German. Vocal Performance majors may satisfy these requirements via placement exam, CLEP, or AP exam.

Music Courses (listed in catalog order):	Hours
VOIC 301-402 Voice (min. 16 hours at or above VOIC 401).....	28
PIAN 101 Piano (beyond MKBD III)	6-9
PERF 385 Junior Recital	0
PERF 485 Senior Capstone: Senior Recital	0
MLT 460 Vocal Literature	2
MUS – Ensembles (with or without credit -- 8 semesters)	0
MUS 229 Basic Conducting	2
MUS 329 Choral Conducting	2
MHS 231-334 Music History and Literature I-IV	10
MUS 219-220 Foreign Language Diction	2
MUS 250 Music in Christian Perspective	2
MUS 356 Vocal Pedagogy	2
MTH 226, 228, 326 Aural Skills	4
MTH 225-7, 325-7, 367 Theory	14
Advanced coursework, as follows:	6
At least one of MTH 458 Sixteenth Century Counterpoint (3) or MTH 463 Form and Analysis (3) or MTH courses numbered 500 and above, with permission. If only one MTH prefix is chosen, the second advanced course may be MHS 490, Topics in Music History.	
Total:	80-83

Contract minor in music

A 16-hour contract minor as determined by arrangement with the director of The Greatbatch School of Music. A special course of study is developed to meet the student’s specific goals and is signed prior to the taking of the courses. The signed course of study is placed on file in the Academic Records Office.

Performance minor

Sixteen hours in one specific performance area (eight hours at or above INST 201 and one year in an appropriate ensemble). A hearing is required to establish an appropriate performance course level. Limited enrollment in some areas based on teacher load availability.

- Instrumental and Vocal: voice, violin, viola, violoncello, double bass, guitar, trumpet, French horn, trombone, euphonium, tuba, flute, oboe, clarinet, saxophone, bassoon, percussion
 14 hours of applied music
 2 hours of ensemble
- Keyboard: 14 hours of piano (10 hours at or above PIAN 201)
 14 hours of organ (6 hours of piano at or above PIAN 101 *and* 10 hours of organ at or above ORGN 201, *or* 14 hours of organ at or above ORGN 201)
 2 hours of ensemble

Short Course in Organ

Students interested in developing an organ technique for modest church requirements may elect a number of hours in organ, taking a minimum of one hour of practice per day, five days a week, for one hour credit per semester, or six days practice a week for two hours credit. Four semesters of such study will ordinarily suffice, although further work is encouraged. (Regular or intensified study is also available in summer school.)

Summer School

Applied music lessons and composition may be taken for credit during summer school, depending on instructor availability.

Applied Study (private lesson fees charged, see Financial Information in this catalog)

Applied (private lesson) study is available only by permission of the appropriate studio faculty, and requires an audition. May be taken for major, minor, or elective credit. Each level number must be taken for a minimum of two credit hours before advancing to the next number. A minimum of two semesters at level (100, 200, etc.) is required before advancing to the next level. Applied study does not carry Integrative Studies credit.

Course Numbering in Applied Study (all performance areas; INST = instrument code):

INST 101, 102 (1-3, F&S)

Normal level for introductory private study, non-majors. Permission of appropriate studio faculty. For voice: successful completion of MCLV II or permission. For piano: successful completion of MKBD IV or permission.

INST 201, 202 (1-3, F&S)

Normal entering level for Bachelor of Arts, Composition, Music Education, and Bachelor of Music with Non-Music Elective Studies majors. Audition required, or prerequisite of INST 102 and permission of studio faculty.

INST 301, 302 (1-6, F&S)

Normal entering level for Performance majors; intermediate private study, Bachelor of Arts, Composition, Music Education, Bachelor of Music with Non-Music Elective Studies majors, minors, and elective study. Audition required, or INST 202 as prerequisite. May be repeated for two additional semesters.

INST 401, 402 (1-6, F&S)

Advanced private study for BMus. majors. Prerequisite: INST 302 and successful Sophomore Review. Repeatable as required.

Areas of Applied Study

Collaborative Performance

COLP 401-402 **Collaborative Performance** (1-4, F&S)

Preparation and presentation of joint performances in a variety of keyboard, instrumental, and vocal combinations.

Composition

COMP 101-102, 201-202, 301-302, 401,402 **Composition** (1-4, F&S)

Original composition in various forms, genres, and styles.

Conducting

CONC 401-402 **Advanced Conducting, Choral** (1-4, F&S)

Preparation of material for a major choral ensemble and actual experience directing the ensemble. Prerequisites: MUS 229,329, participation in ensemble, permission of ensemble director.

CONI 401-402 **Advanced Conducting, Instrumental** (1-4, F&S)

Preparation of material for a major instrumental ensemble and actual experience directing the ensemble. Prerequisites: MUS 229, 430, participation in ensemble, and permission of ensemble director.

Individual Performance Areas

Brass & Percussion

HORN 101-102, 201-202, 301-302, 401-402 **French Horn**

TRPT 101-102, 201-202, 301-302, 401-402 **Trumpet**

EUPH 101-102, 201-202, 301-302, 401-402 **Euphonium**

TRMB 101-102, 201-202, 301-302, 401-402 **Trombone**

TUBA 101-102, 201-202, 301-302, 401-402 **Tuba**

PERC 101-102, 201-202, 301-302, 401-402 **Percussion**

Strings

VILN 101-102, 201-202, 301-302, 401-402 **Violin**

VOLA 101-102, 201-202, 301-302, 401-402 **Viola**

VCLO 101-102, 201-202, 301-302, 401-402 **Violoncello**

BASS 101-102, 201-202, 301-302, 401-402 **Double Bass**

GUIT 101-102, 201-202, 301-302, 401-402 **Guitar**

HARP 101-102, 201-202, 301-302, 401-402 **Harp**

Keyboard

HPSC 101-102, 201-202, 301-302, 401-402 **Harpichord**

ORGN 101-102, 201-202, 301-302, 401-402 **Organ**

PIAN 101-102, 201-202, 301-302, 401-402 **Piano**

Woodwinds

FLUT 101-102, 201-202, 301-302, 401-402 **Flute**

OBOE 101-102, 201-202, 301-302, 401-402 **Oboe**

CLAR 101-102, 201-202, 301-302, 401-402 **Clarinet**

SAXP 101-102, 201-202, 301-302, 401-402 **Saxophone**

BSSN 101-102, 201-202, 301-302, 401-402 **Bassoon**

Voice

VOIC 101-102, 201-202, 301-302, 401-402 **Voice**

Special Studies

SPEC 101-102, 201-202, 301-302, 401-402 **Specialized Study**

PERF 385 **Junior Recital**

PERF 485 **Senior Capstone: Senior Recital**

(0, F&S)

Church Music

MCHU 311 Historical Congregational Song

(2, F11)

Introductory history of hymnology from the early Christian Church to about 1950. An investigation of hymnic poetic and musical styles. Stress upon familiarity with the hymnal. When taken with MCHU 312 meets Culture: Art or Music.

MCHU 312 Recent Congregational Song

(2, F11)

Survey of diverse streams of Christian congregational song in English from about 1950 to the present time, including: songs of "hymn explosion", songs of the liturgical renewal, Praise & Worship repertoire, and global song. Basic music-reading ability is expected. When taken with MCHU 311 meets Culture: Art or Music.

MCHU 451 Music and Worship

(3, OD)

Music and liturgical practices in the history of the Christian Church and consideration of issues in contemporary worship practice in light of church history and Christian theology. Culture: Music.

MCHU 475 Service Playing, Piano

(1, S)

Development of keyboard skills with special application to piano playing in church service: melody harmonization and reharmonization, hymn playing and transposition, accompanying (solo and choral), extemporization in various styles. Permission of instructor. Required of piano majors and piano & organ concentrations within music education curricula.

MCHU 476 Service Playing, Organ

(2, S)

Development of keyboard skills with special application to organ playing in church service: melody harmonization, bass realization, hymn playing and transposition, accompanying (solo and choral), extemporization in various styles. Permission of instructor.

Conducting (see Applied Study above for advanced conducting courses)

MUS 229 Basic Conducting

(2, F&S)

Basic conducting, rhythmic development, baton technique, three hours per week. Prerequisite: MTH 225.

MUS 329 Choral Conducting

(2, S)

Elements of choral conducting; training of choirs; rehearsal techniques; preparation of choral scores. Three hours per week. Prerequisite: MUS 229.

MUS 430 Instrumental Conducting

(2, S)

Conducting laboratory band or orchestra; methods of presenting band and orchestral materials. One and one-half hours with laboratory band or orchestra per week. Prerequisite: MUS 229.

Ensembles

For non-music majors

All college students are invited to participate in the various musical organizations. Credit is awarded non-music majors for the various available ensembles (normally one credit per semester), and an academic grade is recorded. By special permission of the conductor, a student may participate in a major ensemble without credit. Chamber ensembles are also formed according to demand, either with or without credit.

Ensembles which carry integrative studies credit include Men's Choir (MUS 344), Women's Choir (MUS 345), Symphonic Winds (MUS 337), Philharmonia (Orchestra) (MUS 343), and College Choir (MUS 349). Completion of the IS fine arts requirement normally requires two years' participation in a major ensemble. Membership in major ensembles is on a yearly basis; students enrolled in the fall semester are also expected to participate in that ensemble in the spring semester. A director may occasionally grant an exception to the foregoing, or permit joining for only the second semester.

Non-music majors may participate in any music ensemble, by audition or permission of the director.

For music majors

One major ensemble (MUS 337, MUS 343, MUS 344, MUS 345, MUS 347, or MUS 349, as assigned) is required of music majors (BMUS and BA) during each semester of residence. All Bachelor of Music majors must also participate in at least one semester of chamber music, small or minor ensemble, or collaborative performance/accompanying (keyboard principal) during their program of study. See the Online Music

Student Handbook (<http://campus.houghton.edu/orgs/music/undergraduate/handbook/policies.html>) for applicable policy discussion.

Major ensembles (§ course available for 2 credits in any semester wherein ensemble tours.)

Audition required. By permission of the director.

MUS 344 Men's Choir	(0/1, F&S)
MUS 345 Women's Choir	(0/1, F&S)
MUS 337 Symphonic Winds (Touring) §	(0/1, F) (0/1/2, S)
MUS 343 Philharmonia (Orchestra) (Touring)	(0/1, F&S)
MUS 349 College Choir (Touring) §	(0/1, F) (0/1/2, S)

MUS 223 Jazz Workshop (Houghton Jazz) (0, 1, F&S)

Preparation and presentation of a variety of jazz repertoire including swing, combo, and modern styles. Permission of director.

MUS 226 Flute Ensemble (0, 1, F&S)

Preparation and presentation of repertoire for flute ensemble. Permission of director.

MUS 255 Brass Ensemble (0, 1, F&S)

Preparation and presentation of repertoire for brass ensemble. Permission of director.

MUS 353 Lyric Theater (0, 1, S)

Preparation and presentation of operatic, musical theater, and operetta scenes and complete works from the standard repertoire. Typical four-year cycle will comprise one full opera, one full musical or operetta, one bill of one-acts or acts from major works, and one scenes production. Study of techniques of stage movement and stagecraft. Three hours in rehearsal per week; outside rehearsal required. Permission of director.

MUS 447 Piano Ensemble (0, 1, F&S)

Performance of keyboard ensemble repertoire, Renaissance to 20th century. Duet and multi-piano literature. Emphasis on style and special ensemble problems. Fulfills ensemble requirement for junior and senior applied piano (performance) majors. Four hours outside practice.

MUS 455 Chamber Singers (0, 1, F)

Practical experience singing in a small group of 12 to 16 performers. Three hours in rehearsal per week. Permission of director.

MUS 457 Chamber Ensembles (0, 1, F&S)

Ensembles organized to include interested students. Small groups rehearse three hours per week. Standard literature for handbells, percussion, strings, woodwinds, brass, percussion, guitar, etc., is studied with a view toward public performance during the year. Permission of appropriate ensemble director.

Group Instruction: Practical Keyboard

Elementary and intermediate piano taught in six semesters of Practical Keyboard. One hour class, six hours practice weekly. Emphases: technique, repertoire, and functional skills of sight-reading, transposition, improvisation, and accompaniment. Placement level determined by audition. Piano levels 222, 225, 226, 227 must be taken by all music education non-keyboard majors except instrumental majors regardless of repertoire level at audition.

MKBD I Practical Keyboard I (1, F&S)

Basic technique, rhythm, tone conception, articulation, fingering. Pentachord patterns, sight reading, transposition. Tetrachord scales. Simple I-V harmonization. Grade 1 repertoire.

MKBD II Practical Keyboard II (1, F&S)

Basic work as in MKBD 110-111; pedaling and phrasing. Easier major scales, two rhythms, and arpeggios (hands separate). I-IV-V progressions and harmonization with simple accompaniments; IV7 by-ear chording. Grade 1 sight reading. Grade 2 repertoire.

MKBD III Practical Keyboard III (1, F&S)

Easier major scales, hands together, two rhythms; easier arpeggios and minor scales, hands separate. Major/minor primary triad patterns and harmonization, by-ear work with varied accompaniments. Grade 2 sight reading; simple improvisation; easy hymns. Grade 3 repertoire.

MKBD IV Practical Keyboard IV (1, F&S)

Major/minor scales, arpeggios, triads; hands together. Major/minor progressions, harmonization; by-ear work using secondary chords and expanded accompaniments. Grade 2-1/2 sight reading; grade 3 transposition,

improvisation; hymns, songs. Repertoire such as Bach short preludes and easy sonatas.

MKBD V Practical Keyboard V (1, F&S)
All major/minor scales and arpeggios, hands together, three rhythms. Progressions, harmonization; by-ear work using secondary chords and dominants in expanded patterns. Grade 3 sight reading; four-part transposition. Repertoire: easier Bach inventions, allegro sonatina movement.

MKBD VI Practical Keyboard VI (1, F&S)
All scales and arpeggios, four rhythms. Harmonization and by-ear work with advanced chords and accompaniments. Hymns and patriotic songs in pianist styles with transposition. Choral (including open vocal score) and art song accompaniment. Grade 4 sight reading. Repertoire such as Bach inventions and easy classic sonatas.

Group Instruction: Voice Class

MCLV I Class Voice I (1, F&S)
Study of posture, breath control, tone production, and diction. Textbook used. Includes both group and individual singing of simple vocalises and songs in English. Hearing required. Six hours practice.

MCLV II Class Voice II (1, F&S)
Continued study of basic vocal techniques. Emphasis on individual singing of vocalizes and songs in English. Introduction to Italian diction. Hearing required. Six hours practice.

Music Education

MED 210 Field Experiences in Music Education (2, M)
Students participate in three weeks of field experiences in high-need school districts working as teachers' assistants and meet in a weekly seminar to discuss their experiences. Designed to fulfill the New York State field experience mandate; students earn 75-90 hours of field experience credit taken during freshmen or sophomore years. Students may opt to take EDUC 240, Teaching in Urban America, in lieu of this course. Taken concurrently with MED 211. (See Greatbatch School of Music Handbook for detailed explanation of Field Experience and other Certification requirements.)

MED 211 Workshop: Language Acquisition and Literacy Development (0, M)
Introduces Music Education majors to foundational concepts surrounding language acquisition and literacy development, and provides resources for developing the listening, speaking, reading, and writing skills of native English speakers and students who are English language learners. Taken concurrently with MED 210.

MED 214 Woodwind Instruments (1, F&S)
Basic techniques of playing flute, oboe, clarinet, saxophone, and bassoon; acoustical, historical, and practical understanding of these instruments. Two hours class, two hours practice per week.

MED 215 Stringed Instruments (1, F&S)
Basic techniques of playing violin, viola, 'cello, and double bass; acoustical, historical, and practical understanding of these instruments. Two hours class, two hours practice per week.

MED 217 Brass Instruments (1, S)
Class instruction in various brass instruments to acquaint music education majors with basic problems and teaching techniques of the brasses. Includes study on at least three brass instruments. Two hours class, two hours individual practice per week.

MED 218 Percussion Instruments (1, S)
Snare drum, timpani basics, bass drum, mallet instruments, cymbals, smaller instruments of the battery; prepares music education majors to teach percussion instruments in public schools. Concentration on snare drum: coordination of hands; counting and playing rhythm. Two hours class, two hours individual practice per week.

MED 227 String Techniques (2, S)
Preparation for teaching violin, viola, 'cello, and double bass through the high school level. Development of playing and demonstration abilities. Survey of methods and materials. Two hours class, three hours practice. Prerequisite: MED 215.

MED 240 Percussion Techniques (1, S)
Preparation for teaching percussion instruments through high school level. Development of playing skills on timpani, mallet instruments, drums. Survey of percussion ensemble music and other materials. One class per

week, three hours practice. Prerequisite: MED 218.

MED 241 Brass Techniques (2, F)
Preparation for teaching brass instruments through the high school level. Development of playing and demonstration abilities. Survey of methods and materials. Two hours class, three hours practice. Prerequisite: MED 217.

MED 242 Woodwind Techniques (2, S)
Preparation for teaching woodwind instruments through the high school level. Development of playing and demonstration abilities. Survey of methods and materials, two class hours, three hours of practice. Prerequisite: MED 214.

MED 351 Elementary School Methods (2, F)
Preparation for teaching general music in kindergarten through sixth grades. Particular emphasis upon preparation to teach according to the New York State Learning Standards for the Arts.

MED 352 Secondary School Methods (2, S)
Preparation for directing secondary school (grades seven-12) choral ensembles and for teaching secondary level general music and other non-performance music classes. Particular emphasis upon preparation to teach according to the New York State Learning Standards for the Arts.

MED 354 Instrumental Methods (2, S)
Instrumental music program in public schools. Organization and training of school orchestras, bands, and instrumental classes; pedagogical methods of the standard band and orchestra instruments. Particular emphasis on preparation to teach by the New York State Learning Standards for the Arts.

MED 405 Student Teaching in Music (12, F)
Practical experience teaching music in public schools. Two placements of approximately seven weeks each, one on the elementary level (grades K-six), and one on the secondary level (grades seven-12). Criteria for approval: Completion of required professional education coursework as per emphasis, cumulative GPA of at least 2.70, documentation of at least 100 hours of field experience, and approval by the student teaching committee.

MED 419 Student Teaching Seminar (2, F)
Seminar during and following student teaching dealing with effective teaching practices including problems of motivation, group management, curriculum development, and musical education goals.

Music History and Literature

MHS 222 Introduction to Film Music (3, OD)
History and aesthetics of music written for Hollywood films. Exploration of the sociology, philosophy, psychology, and technique of film music. Review of the elements of musical style with particular emphasis on their relation to the dramatic aspects of film. Written work emphasizing critical analysis of the use of music in various American film genres. Culture: Music.

MHS 231 Music History and Literature I (2, F)
Development of music from earliest times through the Renaissance. Principles of listening and style analysis. Literature and style of various schools. Listening, examination of scores, performance, research reports, lectures, discussion. With MHS 232 satisfies Culture: Music.

MHS 232 Music History and Literature II (2, S)
Continues MHS 231, from late Renaissance through Baroque (1750). With MHS 231 satisfies Culture: Music.

MHS 254 Music of World Cultures (3, OD)
Survey of Asian, Latin American, African, European music; listening experience, with research and analysis. Introduction to ethnomusicology to broaden student's perspective. Recommended for those interested in mission field or intercultural relations. Culture: Music.

MHS 333 Music History and Literature III (3, F)
Development of early classic through romantic music styles in cultural context. Principles of listening and style analysis. Introduction to basic bibliography and research. Principles of a Christian aesthetic. Culture: Music.

MHS 334 Music History and Literature IV (3, S)
From late romantic through 20th century styles. Emphasis on individual research, writing, and class presentations. Evaluation of musical-cultural trends from a Christian perspective. Culture: Music.

MHS 490 Topics in Music History (3, F/S)
Historical and analytical study of works from the topic chosen for each semester's offering. Topics may include focused period surveys, specific composer studies, national or regional musics, specific major works, genre surveys, etc.

MLT 113 Masterworks of Sight and Sound (3, OD)
Introduction of art and music from classic age to present; concert and gallery attendance included.

MLT 211 Music and Listening: An Introduction (4, F&S)
Introduction to the study and enjoyment of classical masterpieces in music: recordings, outside biographical readings, reports on current musical events. Culture: Music.

MLT 450, 451, 452, 453 Brass, Woodwind, String and Percussion Literature (2, OD)
Survey of standard chamber, solo, and orchestral excerpt repertoire from the Baroque to the present. Emphasis on stylistic and interpretive traits, pedagogical issues and repertoire selection, major composers and representative works.

MLT 460 Vocal Literature (2, S12)
Survey of standard vocal repertoire from the High Baroque to the present. Emphasis on stylistic and interpretive traits, pedagogical issues and repertoire selection, major composers and representative works.

MLT 470 Organ Literature (2, OD)
An examination of the history of the development of the organ and its literature from the middle ages to the present. Examination of style and structure and their impact on performance.

MLT 480 Piano Literature (2, OD)
An examination of the history of the development of the piano and its literature, including music written for early keyboard instruments which today is accepted as part of the piano repertoire. Emphasis on 18th, 19th, and 20th century repertory. Examination of style and structure and their impact on performance. Chamber music with piano, concerti, solo piano literature.

Music Pedagogy and Specialized Courses

MUS 180 Practicum in Sound and Recording (0, 1 F/S)
Hands-on training and operational experience in principles and practices of live sound and recording events for Houghton College, Greatbatch School of Music. Emphasis on proper procedures and best practices in real-world work environment. Co-requisite: employment as student worker for Live Sound and Recording Services. Can be repeated; must be taken for credit in first semester. By permission of instructor.

MUS 207 Introduction to Pro Tools (3, F)
Introduction to Pro Tools sound & recording software. Foundational skills necessary to record, edit, and mix at basic level using a Digidesign Pro Tools system. Focus: fundamental tools and techniques through demonstrations, real-world examples, and frequent hands-on assignments. Successful completion prepares student to undertake Pro Tools 101 Digidesign Certification exam. This course has a fee. By permission of instructor.

MUS 208 Essential Pro Tools (3, S)
Continued study of Pro Tools: expanding range of tools and techniques. Focus: expanded hardware and software configurations, developing versatile tools for manipulating and editing both audio and MIDI data, and implementing various techniques to facilitate larger and more sophisticated mixing scenarios, again through real-world examples and frequent hands-on assignments that will enhance your capabilities in all aspects of Pro Tools production. Successful completion prepares student to undertake Pro Tools 110 DigiDesign Certification exam. This course has a fee. Prerequisite: MUS 207.

MUS 219, 220 Foreign Language Diction (1/1, F&S)
Basic diction facility in English, Italian, German, French. Required of voice majors and concentrations (any curriculum); elective for others. Two class meetings per week.

MUS 250 Music in Christian Perspective: An Introduction (2, F)
Introduction to music studies in the context of Christian worldview. Examination of Biblical, philosophical, and scientific bases for human creativity. Discussion of music's role in society and in the liberal arts context. Orientation to college-level work in music, including diagnostic examination of background knowledge.

MUS 330 Keyboard Skills (2, F or S)
Functional piano class required of piano and organ majors and concentrations within music education curri-

cula. Emphases: sight reading, harmonization, transposition, accompaniment, score reading, improvisation. Jury exam. Six hours weekly practice. Prerequisite: Piano level 237.

MUS 356 Voice Pedagogy (2, S13)
Methods of voice production and development as preparation for teaching; emphases on teaching and evaluation. Attention to proper selection of music. Two class hours per week; junior and senior year.

MUS 470 Organ Pedagogy (2, OD)
Examination of teaching methods, materials, and technical approaches for the organ. Guided teaching in private and class settings. Required for organ performance majors.

MUS 477 Piano Pedagogy (3, S)
Preparation for teaching beginning & intermediate piano students. Study of beginning & intermediate piano methods and literature, including adult and preschool materials. Survey of professional organizations and publications for the private piano teacher and a study of the writings and teaching ideals of great piano pedagogues. Guidelines for development and maintenance of private piano studio. Practicum for teaching community students with presentation of a public recital at the end of the semester.

MUS 191, 291, 391, 491 Independent Study (1, 2, or 3)

MUS 395 Special Topics (1-3, OD)

MUS 495 Internship (3-6, OD)

Music Theory

MTH 225 Music Fundamentals Review (2, F)
Focused work in identification (aural and written) of intervals, scales, rhythms, chords and other basic materials of Western tonal music. Five class hours per week plus independent computer- and tutor-assisted instruction. Introduction to basic Finale (music notation) and MacGamut (aural/written theory skills) software. With MTH 226 satisfies Culture: Music.

MTH 226 Musicianship Development: Introduction to Tonality (2, F)
Continued exploration of the fundamentals covered in MTH 225 in the context of Western tonal musical repertoire. Emphasis on sight-singing, dictation and improvisation. Five class hours per week plus independent computer- and tutor-assisted instruction. Continued development of basic Finale and MacGamut skills. Prerequisite: MTH 225 or permission of instructor. With MTH 225 satisfies Culture: Music.

MTH 227 Basic Tonal Harmony (3, S)
Analysis, composition and basic arranging work using Western tonal harmony through secondary dominants. Continued development of Finale skills; introduction to basic Cakewalk (music sequencing) software. Prerequisite: MTH 226 or permission of instructor. Co-requisite: MTH 228 or permission of instructor.

MTH 228 Musicianship Development: Tonal Melody and Harmony (1, S)
Work in tonal sight-singing, ear training and dictation, through secondary dominants. Two class hours per week plus independent computer- and tutor-assisted instruction. Continued development of software skills. Co-requisite: MTH 227 or permission of instructor.

MTH 325 Advanced Tonal Harmony and Counterpoint (3, F)
Continuing analysis, composition and arranging work using Western tonal harmony through advanced chromaticism and eighteenth-century counterpoint. Continued development of software skills. Prerequisite: MTH 227; Co-requisite: MTH 326 or permission of instructor.

MTH 326 Musicianship Development: Advanced Tonality (1, F)
Continuing work in tonal sight-singing, ear training and dictation, through advanced chromaticism. Two class hours per week plus independent computer- and tutor-assisted instruction. Continued development of software skills. Co-requisite: MTH 325 or permission of instructor.

MTH 327 The World of Contemporary Music (4, S)
Western music of the twentieth and twenty-first centuries along with relevant materials from selected world music traditions. Development of aural, analytical, improvisational, compositional and arranging skills using these materials. Continued development of software skills. Prerequisite: MTH 226, 325.

MTH 367 Advanced Global Musicianship (2, F/S)
Capstone course of the theory sequence: Analysis, improvisation, composition, arranging and performance in a variety of Western, world and integrative musical idioms. Emphasis on structures and processes. Prerequisite:

quisite: MTH 327.

MTH 458 Sixteenth Century Counterpoint

(3, OD)

A study of the principles of counterpoint in western music with an emphasis on models from 16th century vocal polyphony. Analysis of repertoire, original compositions. Prerequisite: MTH 326 or permission.

MTH 463 Form and Analysis

(3, OD)

Structural and harmonic analysis of musical form through simple and compound song form, variation, rondo, sonata forms. Contrapuntal forms of the invention, chorale prelude, fugue, canon. Study of the analysis techniques of Schenker, La Rue, and others.