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- MATH 482 **Senior Capstone: Mathematics Seminar** (4, S)
 A capstone course which draws on many other courses. Emphases on formulating, solving, and explaining challenging problems in both verbal and written form. For seniors, except by permission.
- MATH 391, -2; 491, -2 **Independent Study** (1, 2, 3 or 4)
- MATH 295, -6; 395, -6; 495 **Special Topics in Mathematics** (1, 2, 3 or 4)
 A survey of topics not covered in other mathematics classes, including graph theory, computation theory, infinite cardinalities, and Galois theory. Phi, pi, e and i; mathematical modeling; math and programming.
- MATH 496 **Honors in Mathematics** (4)
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Medical Technology (see Biology)

Ministry — *See the following headings:* Christian Formation (includes Youth Concentration option); Missions; Religion (includes Ministerial Concentration option); Sports Ministry; Urban Ministry

Missions (minor, see also Intercultural Studies mission concentration)
Department of Intercultural Studies: Marcus W. Dean, chair and Associate Dean
Faculty: Marcus W. Dean, Benjamin Hegeman, Kristina LaCelle-Peterson, Paul W. Shea
Web site: www.houghton.edu/academics/programs/intercultural
Phone: 585.567.9634

Mission preparation takes multiple paths at Houghton because 21st century missions is so diverse. The breadth of liberal arts opens knowledge and skills appropriate for today's world. Our students join the long tradition from here and partner with the expanding global church in serving Christ in today's world. Students who take the missions minor have majored (or double majored) in everything from Bible, music, and psychology to education, pre-med and more. Other minor options for missions careers include International Development, Linguistics, TESOL and Islamic Studies. Everything about Houghton – the faculty, the missions representatives, the students, the programs and general campus and community ethos point to excellent preparation for missions.

Minor: (14-16 hours) Most students who minor in missions will include the highly recommended Cross-Cultural Field Experience in addition to the regular course work.
 Required courses:

- Core courses (8 hours)
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| MISS 241 | History of the Global Christian Movement..... | 4 hrs |
| And | | |
| MISS 242 | The Contemporary Church in Mission | 4 hrs |
- Two electives (6-8 hours) Under advisement chosen from:
 Any prefix MISS, LING, URMN, INCL or other course 3-4 hrs each
 in the curriculum with permission, one of the two being 300 level or above

COURSE DESCRIPTIONS

- MISS 241 History of the Global Christian Movement** (4, F)
A study of the expansion and development of the global Christian movement with emphases upon chronological and geographical growth and cross-cultural interchange and partnership from apostolic days to the present. Special attention to connections to issues and relationships in the global church in today's world.
- MISS 242 The Contemporary Church in Missions** (4, S)
Survey the contemporary state of the global church and its mission; introduction to theology of missions, goals, and strategies; special attention to current trends, issues, and research.
- MISS 311 Cross Cultural Field Experience** (3 or 4)
Introduction to mission work through pre-approved cross-cultural ministry either overseas or in North America. Guided readings and a project are required in consultation with the instructor. INDS 211 Intercultural Transition and Adjustment is recommended.
- MISS/INCL 322 History of Islamic Theology and Movements** (4, S13)
Following the death of Muhammad, issues of theological orthodoxy and governmental orthopraxy flourished in a context of conflict and growth. Students will appraise the historical developments of Muhammad's life and his revelations in the areas of theology, philosophy, jurisprudence, governance, literature, and culture. Relying on primary sources and historical disciplines, students will study the wide history of Islamic thought up until the OPEC crisis of 1973-74. Students will gain a confidence in grasping and discerning the many variants within the so-called unified Islamic ummah.
- MISS 325 Life in the City** (3)
(See Off Campus Programs – Houghton College City Semester for description.)
- MISS/INCL/MIN/ PSY/SOC/URMN 328 Community and Society in Australia and New Zealand** (4, F)
Examines social institutions in urban Australia and New Zealand. Analyzes social problems and institutional and community responses by churches and faith-based organizations, and compares them with those of governments, non-government organizations and prosocial community organizations. Community: Psychology or Sociology.
- MISS 341 Biblical and Theological Foundations of Missions** (4, F11)
An examination of the biblical foundations of missions. Through inductive Bible study and other methods and emphasis on the biblical narrative, the course will explore the extensive Old Testament roots and New Testament development of mission theology and themes especially in the book of Acts. It will build toward a biblical view of culture, the nature and function of the church, and other relevant topics. Spiritual formation is enhanced by both mentoring and group study. No IS credit.
- MISS/INCL 342 Contextualization in Missions** (4, S13)
Study of the interaction of the biblical message as it comes to life within a cultural context. The primary focus is on the church, but includes the broader understanding of the kingdom of God. Areas of study include theology, leadership, worship, ministry and kingdom living. Both past and present ideas of contextualization are covered.
- MISS/INCL 360 Introduction to Islamic Foundations** (4, S)
Muhammad's life and writings are the foundations of Islam. The Islamic faith will be appraised through a historical and primary source approach where students will read through the entire Qur'an in chronological fashion and a significant portion of the Hadiths. The students' mastery of Muhammad's life and Quranic vocabulary and a confident grasp of Quranic theology will give them a strategic appreciation of Islamic history and the present global Muslim community issues. This course is a prerequisite to the others.
- MISS/INCL 361 Engaging the Muslim World** (4, S13)
For over 1400 years, Islam and Christendom have frequently engaged in rival forms of civilization encounters and/or clashes: invasions, polemics, diplomacy, colonization, dialogue, commerce, and academic research, each according to the context of the era. Relying on comparative, historical and missiological methodologies, students will study the ever-changing yet often-repeated approaches to Muslims in chronological appearance from various Christian communities: the Oriental churches, the Byzantine Orthodox churches, the Roman Catholic Church and the Protestant churches, with special emphasis on the current Evangelical 'contextualized' approaches. Students will gain a strong confidence and learn wise diplomacy in sharing Jesus to Muslims in a wide variety of means. This course has a fee.

MISS/INCL 440 Unorthodox and Folk Islam (4, S12)
Classical Islam is very resistant to creative theological variants within the Islamic ummah and brands them as deviant heresies, of which Folk Islam is the most common expression. Yet 'unorthodox' expressions, even so-called 'secular Islam', are far more prevalent forms of Islam among the youth and womenfolk than the orthodox interpretations, and Houghton students and graduates are far more likely to encounter these unorthodox expressions. This requires our students to grasp the diverse roots of widespread Islamic heterodoxy, syncretism, occult expressions, spiritual warfare, and secularism.

MISS/INCL 441 Islam in North America (4, S13)
The Islamic movements in North America are unique in being both very recent and limited to Afro-Americans and immigrants. That is changing given that international funding for a vibrant political Islam in America is among the strongest in emerging religions. Students will explore the various sociological expressions, their political aspirations and their texts. Special attention will be given to various Christian ministries to Muslims in North America.

INCL/MISS 442 Globalization and Islam (4, S12)
Among the three most vibrant international movements in the emerging 21st century are Christianity, Islam and Globalization, and the most contested nexus are in the techno-secularized cities of the world. Students will focus specifically on the post-colonial conflicts and integration efforts of Muslims in the global communities and the impact of Globalization on Islamic societies. Attention will be given to recent international clashes between globalized secularism and Muslims, various political and Christian responses and the need for a Christ-centered confident response to both Globalization and Islamization.

MISS 395 Special Topics in Missions (1-4, OD)
Topics offered according to interest and demand.

MISS 191, -2; 291, -2; 391, -2; 491, -2 Independent Study (1, 2, 3 or 4)

Music (undergraduate majors and minors)*

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

Faculty: Brian Casey, Judy A. Congdon, Paul T. DeBoer, Robert J. Galloway, Kelley Hijleh, Mark D. Hijleh, Brandon P. Johnson, Ben R. King, William J. Newbrough, Gary M. Stith

Part-time & Adjunct: Euridice Alvarez, Amanda Young Cox, Ken Crane, Chisato Eda, Virginia Halberg, Sharon Johnson, Margaret Kuhl, Peter Kurau, Ernie Lascell, Ji Won Lee, Donna Lorenzo, Anton Machleder, B. Jean Reigles, James Tiller, Rintaro Wada, Abe Weiss; others as appropriate from the Buffalo and Rochester Philharmonic orchestras

*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.