
Department of Theology

CHMN	Christian ministries
CRFM	Christian Formation
MIN	ministry
REL	religion
THEL	theology

Department of World Languages and Literatures

FREN	French
GERM	German
SPAN	Spanish

Interdisciplinary/Special Studies

CLLS	college life and leadership
INTS	integrative studies

Adult Learning Opportunities

ADC	adult degree completion
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Academic program note:

A student's academic program normally contains four elements:

- integrative studies
- pre/co-requisites or additional requirements
- academic major
- electives

concentrations may be required for some majors

Each student should ask his or her academic advisor about individual program expectations in each of the areas.

Integrative Studies

Faculty: Peter C. Meilaender (Director), Patrick L. Buckwalter, Richard K. Eckley, D. Brandon Hoffman, Jill E. Jordan, Susan Bruxvoort Lipscomb, Trini G. Rangel, John M. Rhett, Aaron S. Routhe, David Stevick (resource person)

General Information:

The Integrative Studies (IS) Committee was created to express Houghton's commitment to the liberal arts and in particular to integrative studies or general education. It comprises faculty elected and appointed to represent a wide range of academic disciplines in IS matters. The goals of the committee are:

1. To give IS equal standing with other aspects of the academic curricula;
2. To bring cohesion, sequence, and identity to IS, making it a distinctive of Houghton College;
3. To provide avenues of oversight, assessment, and innovation for the IS curriculum and its faculty;
4. To foster interdisciplinary cooperation within the IS curriculum;
5. To accomplish this by focusing on physical, emotional, social, cognitive, moral, and faith

development as well as on integration of multiple disciplines, of values and faith with learning, and of theory and history with practice.

Major/Minor: None

Houghton College Integrative Studies Requirements - BA/BS

The following requirements are typically taken in the first year: Bible, history, and writing. Students are also strongly encouraged to take the following requirements in the first year: foreign language and the theory component of the health & wellness competency.

Competencies

A. Health & Wellness

Students must complete four Points; at least one Point in each of three years.

Point #1: Fitness for Life (Theory Component) – to be met by taking one of the following courses (1-4 Credits) for a grade:

- a) PHED 101 Fitness for Life
- b) PHED 237 Holistic Health
- c) CHEM 187 Intro to Nutrition (students may, but need not, take the lab, CHEM 188)

It is strongly recommended that, whenever possible, students satisfy Point #1 before taking courses to accumulate their other points.

Point #2: Fitness Lab Component – To be met by taking one of the following courses either for a grade or pass/fail (for credit or not for credit) unless otherwise noted (L=letter grade only) – a course chosen to meet this component cannot also be used to meet another component:

- a) PHED 124 Cross-Country Skiing
- b) PHED 135 Swimming for non-majors
- c) PHED 138 Walking/Jogging
- d) PHED 140 Weight Training
- e) PHED 220 Adventure Sports (L)
- f) PHED 330 Physiology of Exercise (L)
- g) REC 104 Backpacking (L)
- h) REC 202 Scuba Diving in Honduras (L) (also simultaneously satisfies Point 4)
- i) REC 203 Advanced Wilderness First Aid (L) (also simultaneously satisfies Point 4)
- j) REC 211 Eco-tour in Honduras (L)
- k) REC 212 Eco-tour in Africa (L)

Point #3: Indoor Activity – to be met with one of the following activities; courses may be taken either for a grade or pass/fail (for credit or not for credit):

- a) Intercollegiate Basketball
- b) Intercollegiate Indoor Track/Field
- c) Intercollegiate Volleyball
- d) MSL 301, 302, 401, **and** 402 with C- or above (L)
- e) PHED 121 Badminton
- f) PHED 122 Beginning Ballet
- g) PHED 129 Table Tennis
- h) PHED 130 Racquetball
- i) PHED 131 Rock Climbing
- j) PHED 135 Swimming for non-majors
- k) PHED 137 Volleyball
- l) PHED 138 Walking/Jogging
- m) PHED 140 Weight Training
- n) PHED 145 Continuing Ballet
- o) PHED 146 Beginning Jazz Dance
- p) PHED 148 Continuing Jazz Dance
- q) PHED 228 Lifeguarding (L)
- r) PHED 229 Educational Gymnastics and Movement Foundations (L)
- s) PHED 230 Aquatics (L)
- t) REC 109 Highlander (also satisfies Point 4) (L)

Point #4: Outdoor Activity – to be met with one of the following activities; courses may be taken either for a grade or pass/fail (for credit or not for credit):

- a) Intercollegiate Cross-Country
- b) Intercollegiate Field Hockey
- c) Intercollegiate Soccer
- d) Intercollegiate Track/Field
- e) EQST 113 Horsemanship I
- f) EQST 114 Horsemanship II
- g) EQST 276 Dressage (L)
- h) EQST 323 Eventing (L)
- i) EQST 325 Horsemanship: Jumping I (L)
- j) MSL 101, 102, 201, **and** 202 with C- or above (L)
- k) PHED 123 Canoeing
- l) PHED 124 Cross Country Skiing
- m) PHED 125 Downhill Skiing/Snowboarding
- n) PHED 126 Golf

- o) PHED 133 Softball
- p) PHED 136 Tennis
- q) PHED 139 Water Skiing
- r) PHED 141 Walking for Wellness
- s) PHED 147 Soccer
- t) PHED 220 Adventure Sports (L)
- u) REC 103 Initiatives (L)
- v) REC 104 Backpacking (L)
- w) REC 109 Highlander (Also satisfies Point 3) (L)
- x) REC 202 Scuba Diving in Honduras (L) (also simultaneously satisfies Point 2)
- y) REC 203 Advanced Wilderness First Aid (L) (also simultaneously satisfies Point 2)
- z) REC 211 Eco-tour in Honduras (L)
- aa) REC 212 Eco-tour in Africa (L)
- ab) REC 227 Outdoor Leadership Training (L)

B. Writing (must satisfy by end of first year)

- 1) passes WRIT 101 Writing in the Liberal Arts;
- 2) passes any of the First Year Honors Program tracks;
- 3) passes ENGL 207 Introduction to Literary Studies;
- 4) earns a score of at least 4 on the AP English Language exam;
- 5) earns a score of at least 600 on the Writing portion of the SAT; or
- 6) earns a score of at least 26 on the Writing portion of the ACT.

C. Quantitative Literacy

Students who do not satisfy the Quantitative Literacy competency by any of the methods listed below must take one of the MATH courses which meet the MATH integrative studies requirement of the Understanding the Natural World category.

A student will satisfy the Quantitative Literacy competency if he or she:

- 1) has a Math SAT score of at least 600;
- 2) has a Math ACT score of at least 28;
- 3) has completed at least three years of standard math in grades 9-12 earning a grade of at least 85% or a B in the third year, (*Students who have taken a fourth year of math during grades 9-12 may request that their fourth-year grade be used to determine satisfaction of the Competency*);
- 4) has earned a score of at least a 2 on AP Stats, AP Calc AB, or AP Calc BC;
- 5) has passed a college math course elsewhere with a grade of C- or better;
- 6) passes the Houghton College course BADM/ECON/PSY/SOC 309 Statistics; or
- 7) passes a Houghton College Quantitative Literacy Competency Exam after matriculation.
Students not satisfying the Quantitative Literacy Competency by any of these methods must take a Math course for their 2nd Creation requirement.

D. Foreign Language (equivalent to first year of college instruction)

A student can satisfy the Foreign Language Competency with:

- 1) Successful completion of one of the second-level IS courses or one of the approved Mayterm courses, at Houghton College;
 - FREN 102 French Level 2
 - GERM 102 German Level 2
 - LATN 102 Beginning Latin II
 - SPAN 102 Spanish Level 2
 - SPAN 112 Spanish for Human and Social Services II
 - SPAN 122 Spanish for Educators II
 - SPAN 132 Spanish for Business and Finance II
 - SPAN 142 Spanish for Health Professionals II
 - SPAN 207 Aspects of Costa Rica (Mayterm)
 - SPAN 211 Ecotourism in Honduras (Mayterm)
 - GREK 102 Beginning Greek Level 2
 - HEBR 102 Beginning Hebrew Level 2
- 2) A score of 3 or higher on the AP language or literature exam in a language other than the student's native tongue;
- 3) Any semester-abroad experience that includes at least 4 credit hours in a foreign language;
- 4) An overseas experience in which there is no formal language component, subject to the approval of the Department of World Languages and Literatures and Integrative Studies. Such experiences may include a summer/semester/year abroad engaged in activities such as internships that require extensive use of a language other than the student's native tongue;
- 5) Testing out of the requirement via a foreign language placement exam such as WEBCAPE that is administered by the Department of World Languages and Literatures;

- 6) Transferring to Houghton College approved foreign language credits from other college coursework (or its equivalent through a test such as the College Level Examination Program [CLEP]);
- 7) Transferring to Houghton College two semesters (or its equivalent) of American Sign Language;
- 8) Three years of a single foreign language in high school with a cumulative B+ average; or
- 9) Students whose native tongue is other than English may demonstrate English proficiency sufficient to satisfy the Foreign Language Competency by successfully meeting all other Houghton College graduation requirements.

Faith Foundation

Coursework in Bible and Christian Theology – 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

THELH 209 Honors Introduction to Christianity

INTS 153 Honors: East Meets West

Culture: Understanding Human Thought and Creative Expression Across Time

Students are encouraged to complete at least one History or Philosophy course by the end of the first year.

A. Art or Music – one of the following:

ART 131 Introduction to the 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

4 semesters of the same category of major instrumental or choral ensemble, with or without credit. Includes Men's and Women's Choir, College Choir, Philharmonia, and Symphonic Winds; other ensembles possible if approved by ensemble director. Admission to all college ensembles is by audition or hearing.

MLT 211 Music and Listening: An Introduction

MTH 225 Music Fundamentals Review **and** MTH 226 Musicianship Development: Introduction to Tonality (students take both for IS)

MHS 222 Introduction to Film Music

MHS 231 Music History I **and** MHS 232 Music History II (must take both for IS): by permission of instructor

MHS 254 Music of World Cultures

MHS 333 Music History III: by permission of instructor

MHS 334 Music History IV: by permission of instructor

MCHU 451 Music and Worship

MCHU 311 Historical Congregational Song **and** MCHU 312 Recent Congregational Song (must take both for IS)

B. 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 Civilization 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

C. Literature – One of the following:

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

Completion of either a major or minor in English, or a major in Writing, satisfies the Culture: Literature requirement.

D. Philosophy – One of the following:

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

Students must choose at least one course from A and one from B. Courses must have two different prefixes.

A. Lab Science

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)

PHYS 102 General Astronomy (lab)

ESCI 212 Environmental Earth Science (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 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 140 Physics of Music (no lab)
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.*

Community: Understanding Human Society

Students must choose courses from two of the following categories: ANTH, COMM, ECON, POLS, PSY, SOC.

Economics Combination: ECON 201 Introduction to Economics (prerequisite) **and** one of the following

- 1) ECON 210 Principles of Microeconomics
- 2) ECON 211 Principles of Macroeconomics
- 3) ECON 212 International Economics
- 4) ECON 213 American Economic History I: Colonial Era-1865
- 5) ECON 214 American Economic History II: 1865-Present
- 6) 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 Community IS requirement

Houghton College Integrative Studies Requirements - BMus

These may be found in the Academic Programs section of the catalog under Music.

COURSE DESCRIPTIONS

INTS 153 Honors: East Meets West (12, S; 3, M)*
(See course description in Honors Programs.) This curriculum replaces 15 hours of the integrative studies requirements: Competency: Writing; Faith Foundation: Theology; Culture: History; Culture: Literature; Com-munity: Political Science.

INTS 154, 155 Science Honors I, II (3.5, F; 3.5, S)*
Insights drawn from the disciplines of biology, chemistry, physics, writing, and communication are applied to understanding, communicating and solving a scientific question of societal importance. Classroom activities, which include lectures, laboratory experiments, writing, and speaking, are motivated by the students' need for the specific information and skills required to reach a solution. Reserved for first-year Science Honors students. INTS 154 taken concurrently with INTS 156; INTS 155 taken concurrently with INTS 157 and INTS 159. Prerequisite: INTS 154 for INTS 155. Competency: Creation: Lab Science or 2nd Science.

INTS 156, 157 Science Honors: Writing (1.5, 1.5, F/S)
Writing Component of INTS 154/155. **Reserved for first-year Science Honors students.** INTS 156 taken concurrently with INTS 154; INTS 157 taken concurrently with INTS 155 and INTS 159. Prerequisite: INTS 156 for INTS 157. Competency: Writing.

INTS 159 Science Honors: Communication (2, S)
Communication component of INTS 155. **Reserved for first-year Science Honors students.** INTS 159 taken concurrently with INTS 155 and INTS 157. Community: Communication.

INTS 161 Foundations of Contemporary Contexts Honors (1, F11)*
Introduction to the topics and methods of the Contemporary Contexts honors program. Analytical and critical reading and writing, coordinated with seminar-style discussion and other group activities.

INTS 203 Literature and Wisdom (6, F or S)
Critical analysis of the contours of a world and life view combined with an introduction to the Western literary heritage and a detailed critical analysis of perennial and foundational issues in epistemology (the nature of truth and knowledge), metaphysics (the nature of reality: persons, the world and God), and ethics. Includes works of poetry, drama and fiction as well as philosophical texts from the classical to the postmodern era. Culture: Literature; Culture: Philosophy.

INTS 203H Honors Literature and Wisdom (8, S12)
Critical analysis of the contours of a world and life view combined with an introduction to the Western literary heritage and a detailed critical analysis of perennial and foundational issues in epistemology (the nature of truth and knowledge), metaphysics (the nature of reality: persons, the world and God), and ethics. Includes works of poetry, drama and fiction as well as philosophical texts from the classical to the postmodern era. **Reserved for Contemporary Contexts Honors students.** Culture: Literature; Culture: Philosophy.

INTS 235 Interpreting the Environment: Trail Development (2, 3, or 4, F)
Principles, processes, and techniques used to interpret the environment and develop interpretive materials, centers, and trails. Through service-learning, students will develop interpretive, recreational, meditative, exercise, or other trails to complement their major program or integrative studies. One hour lecture/3, 4.5, or 6 hours applied (depending on credit hours chosen-3 applied hours for 2 credits, 4.5 for 3 credits, and 6 for 4 credits). Applied hours include research and preparation of interpretive presentations as well as trail development, as appropriate.

*All students in the First Year Honors Program are expected to maintain at least a 2.5 GPA in order to continue in the program, and failure to do so will trigger review by the academic and student life deans and the director of the program. Participation in the First Year Honors Program is by academic invitation.