

Accounting (18 credits)

ACCT 211 Financial Accounting.....3
ACCT 212 Managerial Accounting.....3
ACCT 311 Intermediate Accounting I.....3
ACCT 312 Intermediate Accounting II.....3
Accounting electives6

Applied Music (16 hours)

Sixteen hours in one performance area (minimum 8 hours at or above level 201 and one year in an appropriate ensemble), normally consisting of 14 hours of applied study and 2 hours of ensemble. A hearing is required to establish appropriate placement of study. Limited enrollment in some areas based on teacher availability.

Instrumental and Vocal Requirements: voice, violin, viola, violoncello, double bass, guitar, trumpet, French horn, trombone, euphonium, tuba, flute, oboe, clarinet, saxophone, bassoon, percussion:

Applied music.....14 hours

Ensemble.....2 hours

Piano requirements:

Piano.....14 hours

Ensemble.....2 hours

Organ requirements:

Organ.....14 hours

Ensemble.....2 hours

Keyboard requirements:

Keyboard.....14 hours

Ensemble.....2 hours

Art (14 credits)

A student may obtain an art minor by completing 14 hours in art.

Athletic Training (16 credits)

PHED 246 Care, Prevention & Management of Athletic Injuries.....2

PHED 247 Recognition and Evaluation of Athletic Injuries.....4

PHED 308 First Aid/Safety.....2

PHED 330 Physiology of Exercise or PHED 341 Kinesiology4

PHED 347 Therapeutic Modalities.....2

PHED 348 Therapeutic Exercise Management of Injuries.....2

Australia - New Zealand Studies (12 credits)

ART/INCL 238 Art & Music in Australia & New Zealand.....4

ENGL 308 Australian Literature.....3

INCL 301 Engaging Australian & New Zealand Culture.....4

INCL/MIN/MISS/PSY/SOC/URMN 328 Community & Society in Australia & New Zealand.....4

INCL/PSY/SOC 329 Australia & New Zealand Culture through Film.....4

Bible (12 credits)

12 hours in Bible, numbered 200 or above.

Biology (12 credits)

Credits must be above BIOL 151 and 152.

Business Administration (15 credits)

ECON 201 Introduction to Economics.....2

ACCT 211 Financial Accounting.....3

BADM 212 Principles of Management.....4

Business courses numbered 200 or above (*except BADM 307, 308 and 309*).....6

Chemistry (12 credits)

The minor in chemistry consists of any three four-hour CHEM courses (total of 12 hours) numbered in the 200-level or above.

[Biochemistry (CHEM 332) plus Bioanalytical Laboratory (CHEM 334), together, count as a four-hour course.]

Communication (13-16 credits)

COMM 205 Introduction to Communication Theory.....4

Three additional courses with COMM prefix.....10-12

Computer Science (16 credits)

CSCI 211 Programming I.....4

CSCI 218 Programming II.....4

CSCI 226 Computer Architecture.....4

CSCI 236 Data Structures and Algorithms4

Economics (14 credits)

ECON 201 Introduction to Economics.....2

ECON 210 Principles of Microeconomics.....2

ECON 211 Principles of Macroeconomics.....	2
Additional hours from ECON courses numbered 200 or above.....	8

Education (14-16 credits)

An education minor may be chosen by students who wish to broaden their understanding of the educational process yet are not seeking certification.

Required courses:

EDUC 219 Educational Psychology.....	4
EDUC 217 Education & American Culture	4

Electives (choose at least two of the following courses in consultation with an Ed faculty member)

EDUC 114 Mathematical Concepts and Reasoning.....	4
EDUC 221 Children's Literature.....	4
EDUC 223 Adolescent Literature.....	4
EDUC 235 Educating Exceptional Learners.....	4
EDUC 240 Teaching in Urban America.....	2

Elective Minor in Music (16 credits)

The Elective Minor in Music is a special 16-hour concentration of selected courses developed to meet the student's individual interests as approved by the director of the Greatbatch School of Music. May include some applied and/or ensemble work, but requires a minimum of 8 credits of coursework other than applied lessons or ensembles. The plan of the course of study agreed to by the student and department is placed on file in the Academic Records Office.

Engineering Track

BS (35 hours in major; 12-20 in prerequisites; 12 in co-requisites)

This option is for those students interested in the engineering applications of physics and is preparation for an engineering-related career or graduate school in engineering or physics.

Prerequisites:

PHYS 151, 152 General Physics I, II.....4, 4

MATH 170/171 or 181 Calculus I, II.....4-8, 4

Co-requisites

MATH 241 Differential Equations.....4

MATH 225 Multivariate Calculus.....4

CHEM 151 General Chemistry I or CSCI 211 Programming.....4

Required Courses

PHYS 215 Statics & Engineering Design.....4

PHYS 251 Mechanics I.....4

PHYS 258 Analog Electronics.....4

PHYS 259 Digital Electronics.....4

PHYS 212 Modern Physics.....2

PHYS 275/276 Experimental Physics Lab.....1.1

PHYS 353 Electricity and Magnetism I.....4

PHYS 355 Thermal Physics.....4

PHYS 471, 472 Physics Project Lab.....1, 1

PHYS 482 Senior Capstone: Physics Seminar.....1

One advanced theory course selected from the following:

PHYS 352 Mechanics II.....4

PHYS 354 Electricity and Magnetism II.....4

PHYS 356 Quantum Mechanics.....4

Additional Recommended Supporting Courses:

PHYS 260 Optics.....4

CHEM 152 General Chemistry II.....	4
ECON 210 Microeconomics.....	2
BADM 303 Entrepreneurship	2

English (16 credits)

ENGL 207 Introduction to Literary Studies.....	2
Other (ENGL) literature courses	14

Environmental Stewardship (12-13 credits)

The environmental stewardship minor provides background for students who plan careers that intersect with environmental issues. The minor is supradisciplinary.

BIOL 215 Local Flora and Vegetation.....	3
BIOL 475 Environmental Stewardship Senior Seminar.....	1
ESCI xxx.....	4
REC 401 Natural Resource Management.....	4

Equestrian (16 credits)

Note: no more than eight hours of EQST courses may be counted towards graduation for students not majoring in Recreation with the equestrian options or minoring in equestrian studies.

REC 222 Leisure, Work and Society.....	4
EQST 223 Foundations of Equestrian Studies.....	4
EQST 224 Riding Instructor Certification.....	3
Equestrian Electives (EQST 200 or above).....	5

Family Studies (15 hours)

SOC 230 Lifespan Development of the Family.....4

SOC 237 Introduction to Marriage and Family Studies.....3

Eight hours selected from the following course:

PSY 325 Human Sexuality.....4

PSY 326 Family Systems Theory through Film.....4

SOC 330 Culture and Family.....2

SOC 362 Gender Relations.....2

SOC 390 Practicum in Family Studies.....1, 2, 3, or 4

SOC 297 Special Topics Courses (pre-approved by department chair).....2 or 4

SOC 394 Internship in Family Studies.....4 or 6

THEL 337 Theological Foundations of the Family.....4

Forestry

SUNY-ESF Ranger School Required Prerequisites (courses taken at Houghton – 32 credits)

ECON 201 Introduction to Economics.....2

ECON 210 Principles of Microeconomics or ECON 211 Principles of Macroeconomics.....2

BIOL 151 General Biology: Organisms to Ecosystems.....4

BIOL, CHEM or PHYS – science course with lab.....4

MATH 115 Fundamentals of Calculus4

English with focus on writing.....6

Electives (suggested areas: psychology, sociology, computer science, public speaking).....10

Forestry Minor Courses taken during fall semester at SUNY-ESF Ranger School – 14 credits transfer to Houghton for minor.

Forest Ecology (This course, when counted for the minor, may NOT also be counted towards a biology major.).....4

Dendrology3

Introduction to Natural Resources Measurements4

Geographic Information Technology.....3

Eight hours additional coursework is included in the program but does NOT transfer back to Houghton.

Introduction to Surveying.....4

Leadership and Forest Technology.....4

French Self-Designed Minor (14-16 credits)

A 14-16-hour Self-Designed minor with courses beyond 102 level as determined by arrangement with the Chair of the Department of World Languages & Literatures. 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.

German Self-Designed Minor (14-16 credits)

A 14-16-hour Self-Designed minor with courses beyond 102 level as determined by arrangement with the Chair of the Department of World Languages & Literatures. 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.

History (16 credits)

The history minor consists of any 16 hours of history courses numbered 200 or above.

Human Resource Management (12 credits)

BU 310 Employment Law.....3

PY 310 Conflict Management or ADC 449 Employee Relations (prerequisite: BU 310).....	3
BU 417 Business Ethics.....	3
BU415 Staffing and Performance Management or BU 420 Employee Training and Development (prerequisite: BU 310).....	3

Integrated Marketing and Communication (12 credits)

CM 331 Marketing Principles.....	3
CM 342 Advertising Principles (prerequisite: CM 331).....	3
CM 356 Marketing Research (prerequisite: CM 331).....	3
BU 417 Business Ethics.....	3

Intercultural Studies (12-16 credits)

INCL 201 Introduction to Global Issues.....	4
INCL 243 Cultural Anthropology.....	4
INCL 310 Intercultural Competencies.....	4
INCL 311 Intercultural Experience.....	0-4

The INCL 311 Experience should be the last course of the minor, and must have INCL 310 as prerequisite.

International Development (15-16 credits)

INCL 201 Introduction to Global Issues.....	4
INCL 338 Issues in Development.....	4
INCL 346 Governance and Development	4

Optional Courses (choose one of the following courses)

ECON 210 Principles of Microeconomics and ECON 211 Principles of Macroeconomics.....	2, 2
INCL 345 Peacebuilding: Genocide and Religious Diversity (Go ED).....	3

POLS 345 Community Organization and Development.....	4
INCL 347 Development Communication and Grant Writing.....	4
INCL 348 Foundations of Health Development.....	4
INCL 350 Culture Change.....	4
INCL 442 Globalization and Islamization	3-4

Leadership Development (12 credits)

PY 215 Social Psychology or PY 301 Psychology of Personality.....	3
BU 320 Leadership Development.....	3
PY 310 Conflict Management.....	3
BU 417 Business Ethics.....	3

Linguistics (16 credits)

LING 220 Introduction to Linguistics.....	4
LING 322 Phonetics.....	4
LING 323 Phonology I.....	4
LING 333 Grammar I.....	4

Management (16 credits)

BADM 212 Principles of Management.....	4
BADM 314 Human Resources Management.....	4
BADM 202 Accounting and Finance for Non-financial Managers OR	2
ACCT Financial Accounting.....	3

Additional hours selected from the following courses (6 credits)

BADM 301 Business Communication.....	2
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BADM 303 Entrepreneurship.....	2
BADM 320 Leadership Development.....	4

Mathematics (12 credits)

12 hours of credit in mathematics courses numbered 182 and higher.

Missions (14-15 credits)

MISS 241 History of the Global Christian Movement or THEL 220 History of Christianity.....	4
MISS 242 Missions and the Global Church.....	4
MISS 341 Biblical & Theological Foundations of Mission AND/OR MISS 342 Contextualization in Missions.....	4-8

Electives

If take only MISS 341 OR 342 choose INCL 310 Intercultural Competencies or appropriate course from INCL, MISS, THEL prefix through advisement of INCL chair.

Music Minor in Music Industry (17 credits)

MTH 220 Music Theory I.....	3
MTH 221 Musicianship I.....	1
MTH 227 Music Theory II.....	3
MTH 228 Musicianship II.....	1
MBCM 206 Introduction to Music Business.....	3
MUS 207 Introduction to Pro Tools.....	3
MUS 208 Pro Tools Production I.....	3
MUS 181 Practicum in Sound and Recording.....	0

Philosophy (12 credits)

Choose at least one course from the following courses:

PHIL 243 Ancient Philosophy.....	4
PHIL 244 Medieval Philosophy.....	4
PHIL 245 Early Modern Philosophy.....	4
PHIL 246 Late Modern & Contemporary Philosophy.....	4

Additional Required Philosophy Courses (8 credits)

Physical Education (15.5 credits)

Pre/Co-requisites

Three activity courses (two of which may meet activity requirements of Health and Wellness)..1.5

Required Courses

PHED 212 Foundations of Physical Education.....	2
PHED 237 Holistic Health (meets the theory component of Health and Wellness).....	4
Eight hours from courses numbered above 200 (no more than four credits may be in activity laboratories).....	8

Physics (12 credits)

12 hours of credit in physics courses numbered 211 or above

Political Science (16 credits)

16 hours of POLS coursework. (*If a student takes a Mayterm course worth only 3 credit hours, s/he may complete the minor with only 15 hours.)

Pre-Art Therapy

Students interested in art therapy as a career may prepare for graduate study in the field by either majoring in art with a structured minor in psychology, or by majoring in psychology with a structured minor in art. Either path will enable the student to fulfill the undergraduate requirements for graduate school admission and the guidelines of the American Art Therapy Association.

Art Major option: The American Art Therapy Association requires a minimum of 12 semester hours in psychology, including Developmental Psychology and Abnormal Psychology. Some graduate programs recommend additional undergraduate psychology coursework. Students majoring in art should take the following courses for at least a minor in psychology.

PSY 213 Development Psychology.....	4
PSY 305.....	4
-at least two more courses selected from the following	
PSY 217 Adolescence and Emerging Adulthood.....	2
PSY 310 Experimental Methods (with a prerequisite of PSY 307 and 308 or 309 Statistics).....	4
PSY 314 Child Psychopathology.....	2
PSY 402 Counseling and Psychotherapy.....	4
PSY 410 Practicum in Psychology (in an art therapy setting).....	1, 2, or 3

Psychology Major option: The American Art Therapy Association requires a minimum of 18 semester hours in studio art, so that the student can “demonstrate proficiency and disciplined commitment in art making... using a variety of art materials and processes”. Students majoring in psychology should take the Applied/Pre-Therapy track, including a practicum in an art therapy setting. They should also take at least 18 credits in studio art classes to cover a variety of media, such as the following, selected in consultation with Advisor.

ART 271 Ceramics I.....	4
ART 241 Two-Dimensional Design.....	2
ART 242 Three-Dimensional Design.....	2
ART 211 Drawing I.....	2
ART 245 Graphic Design I.....	4
ART 221 Painting I.....	4

In addition to the options outlined above, a student interested in Art Therapy could complete a double major in art and psychology. Such students should consult with Professor Young about appropriate selection of courses.

Pre-Law Interest

From the Mosaic law of the Pentateuch and the pugnacious speeches of the courts of Athens, the practice and study of law have roots deep in western history. Today, law continues to play a critical role in helping the dynamic world of the 21st-century function effectively. Politics, economics, technology - in an increasingly globalized world, every aspect of human culture is enmeshed in a web of national and international legal institutions. Indeed, few fields so deeply combine theory and practice as does the law, opening diverse avenues for applying the tools of the intellect to the problems of society.

Houghton's emphasis on the liberal arts provides a broad range of study as well as specific skills in critical thinking, reading comprehension, research, and oral and written communication. Organizations such as the American Bar Association (www.abanet.org) and the Law School Admissions Council (www.lsac.org) recommend precisely this sort of preparation for students planning to attend law school.

The study of Pre-Law is built around a personal, individualized relationship with one of the college's pre-law advisors. Students considering law school come from all majors and minors - no particular major is required. The pre-law advisors work with each student to develop a study that complements his or her chosen major by emphasizing the development of analytical thinking, habits of thoroughness, intellectual curiosity, scholarship, and the ability to organize data and communicate results. We recommend a balanced selection of courses, drawn from areas such as logic and critical thinking; communication, public speaking, debate, and writing; American history and politics; philosophy and ethics; mathematics and accounting; and economics, sociology, or other social sciences. These recommendations directly reflect law school admissions expectations.

The pre-law advisors also encourage students to consider additional forms of relevant preparation, such as internships in local law offices or opportunities for research and field experience. And they work closely with the Office of Career Services on matters such as LSAT preparation and the law school application process. Those interested in Pre-Law also sponsor various events, including the college's annual Constitution Day celebration and an associated reading group; excursions to law offices, courtrooms, or regional points of interest; and visits with members of Houghton's extensive network of alumni attorneys. Students are also encouraged to join the Runnymede Society, Houghton's student Pre-Law society. Founded in 2010, the Runnymede Society sponsors a range of events devoted to helping students prepare for law school and promoting campus discussion about issues of law and public affairs.

In addition to attending law school, pre-law students discover a range of callings, including graduate work in political science, philosophy, or business, as well as careers in law-related fields such as criminal justice, sociology, development, and journalism. The preparation required for success in law school translates well to many of the professions.

Pre-Medical Interest

Allopathic (awarding an M.D.) and osteopathic (awarding a D.O.) medical schools are very competitive, receiving far more applications each year than the limited number of available openings. Admission committees seek well rounded individuals with outstanding academic achievement at the undergraduate level. Ensuring these two qualities is vital if an applicant is to receive serious consideration for admission.

Students interested in pursuing medical training in graduate school should begin early seeking out opportunities to demonstrate a commitment to community service and to gain practical experience in the medical field. An example of the opportunities offered at Houghton College for students to gain such experiences in the context of elective coursework includes a semester long course in Medical Ethics (which offers a service learning experience in a health related venue).

The two academic benchmarks used by medical schools in screening applicants are the Medical School Application Test (MCAT) and college GPA. Strong performance in both of these is necessary in order to maximize one's chance of being accepted to medical school. Students considering medical school should expect to work diligently from the very beginning of their college experience in order to assure their best preparation for the MCAT. The MCAT is usually taken during the spring of the junior year to support an application for medical school matriculation in the fall following college graduation. Thus, those who intend to follow this timeline for application to medical school should complete the courses needed for MCAT preparation (one year of General Biology, one year of General Chemistry followed by one year of Organic Chemistry, one semester of Calculus followed by one year of Physics) by the end of their junior year. For specific course information please refer to the course descriptions in the appropriate departmental section of the catalog.

For further information about preparing for medical school, contact Dr. Jamie Potter at jamie.potter@houghton.edu.

Pre-Nursing Interest

BIOL 217 and BIOL 218 Human Anatomy and Physiology.....	4, 4
CHEM 151 and CHEM 152 General Chemistry.....	4, 4
BIOL 242 Microbiology.....	4
CHEM 187 and CHEM 188 Nutrition.....	4
SOC 307 and SOC 308 or SOC 309 or MATH 131 Statistics.....	3 or 4
PSY 213 Development Psychology.....	4

Pre-Nursing Interest with Intercultural Studies

BIOL 217 and BIOL 218 Human Anatomy and Physiology.....4, 4
CHEM 151 and CHEM 152 General Chemistry.....4, 4
BIOL 242 Microbiology.....4
CHEM 187 and CHEM 188 Nutrition.....4
SOC 307 and SOC 308 or SOC 309 or MATH 131 Statistics.....3 or 4
PSY 213 Development Psychology.....4

Intercultural Studies Courses:

INCL 201 Introduction to Global Issues.....4
INCL 243 Cultural Anthropology.....4
INCL 310 Intercultural Competencies.....4
INCL 311 Intercultural Experience.....0-4

Note: Completion of these four Intercultural Studies courses would constitute a minor in Intercultural Studies.

Other helpful courses for students interested in nursing and missions or related international careers:

INCL 348 Foundations of Health Development.....4
MISS 241 History of the Global Christian Movement.....4
MISS 242 Missions and the Global Church.....4
MISS 341 Biblical Theological Foundations of Mission.....4

Various Bible Courses

Note: Completion of these four courses would constitute a minor in Missions.

Pre-Physical Therapy Tract through Biology

BA Biology (30 hours in major; 8 in prerequisites; 20-24 in co-requisites; 14.5 - 16 hours in minor)

Prerequisites

BIOL 151 General Biology: Organisms to Ecosystems.....4
BIOL 152 General Biology: Cellular Biology and Genetics.....4

Co-requisites

CHEM 151/152 General Chemistry I and II.....4, 4
PHYS 151/152 General Physics I and II.....4, 4
MATH 181 Calculus OR.....4
MATH 170/171 Calculus I with Pre-Calculus A and B.....4, 4

Required Major Courses

BIOL 217, 218 Human Anatomy and Physiology I & II.....4, 4
BIOL 251 Genetics.....4
BIOL 482 Senior Capstone: Senior Seminar.....2
PHED 330 Physiology of Exercise.....4
PHED 341 Kinesiology.....4
BIOL xxx Electives.....8

Pre-physical Therapy/Athletic Training Minor Courses

PHED 246 Care, Prevention & Management of Athletic Injuries.....2
PHED 308 First Aid and Safety (2) **or** PHED 108 First Aid/CPR/AED (.5).....2 or 0.5
PHED 247 Recognition and Evaluation of Athletic Injuries.....4
PHED 347 Therapeutic Modalities.....2
PHED 348 Therapeutic Exercise Management of Injuries.....2
PHED 281 Pre-PT Field Experience I.....2
PHED 381 Pre-PT Field Experience II.....2

Pre-Seminary Interest

Consult the Area Associate Dean of Biblical Studies, Theology and Philosophy, Michael Walters

For those who expect to attend seminary after college, The Association of Theological Schools offers the following guidelines:

- Students should develop to a satisfactory degree their ability to think independently, to communicate effectively, and to do research.
- Students should possess a general knowledge of past and present culture through study in the humanities and the natural and social sciences.
- The biblical languages are useful tools to acquire in the pre-seminary period. Latin may be helpful, especially in some traditions. Modern languages such as German, French, and Spanish are also valuable.

Pre-Veterinary Medicine Interest

Houghton provides a broad education, while offering those courses specified by veterinary medical colleges for admission. Veterinary colleges stress the desirability of a well-rounded post-secondary education. They accept students without regard to their pre-professional major and sometimes after three years or 90 hours of credit. However, most applicants major in biology or chemistry and, on the average, have more than 100 hours of pre-professional training. Because there are relatively few veterinary colleges, the number of students accepted each year into veterinary curricula is small. Therefore, excellence of academic achievement and personal character, as well as familiarity with the profession, is necessary for admission. For further information contact Dr. [Aaron Sullivan](#).

Psychology (12-16 credits)

A minor in psychology consists of at least four courses in psychology above PSY 111, totaling 12-16 hours. Statistics (PSY 307, 308 and 309) are excluded if courses chosen for the minor total less than 15 hours.

Public Health (14 credits)

INCL 348 Foundations of Health Development (Mayterm).....	4
BIOL 232 Epidemiology (Mayterm).....	2

Electives (Choose a total of 8 hours from the following courses)

INCL 310 Intercultural Competencies*	4
INCL 347 Development Communication and Grant Writing*	4
INCL 295 ST: Introduction to Public Health	2-4
ANTH/SOC 315 Human Ecology**	4
PSY 307 Statistics I and PSY 308 Statistics II or PSY 309 Statistics	4
CHEM 187 Introduction to Nutrition ** and CHEM 188 Introduction to Nutrition Lab	3, 1
BIOL 2xxx or higher (with advisement) (BIOL 380 Pathogenic Microbes recommended – has prerequisite)	4
POLS 345 Community Organization and Development	4

**Recommended for Biology majors and other non-INCL majors*

***Recommended for INCL majors and other non-biology majors*

Other considerations:

CHEM 187 and 188 Introduction to Nutrition be taken as an IS elective

COMM 101 Presentational Speaking be taken as an IS elective

MATH 131 Principles of Statistics be taken as the IS Math requirement when possible.

Non-biology majors may also choose to use the IS Creation requirement to take a Biology course.

Recreation (14 credits)

Courses numbered 200 or above, including REC 222. The remaining 10 hours may be selected from any REC courses, with at least two hours but not more than five in activity labs, and up to four hours of equestrian courses; starting with EQST 113.

Religion (12-16 credits)

Required Course

PHIL 350 Reason and Religious Belief	2
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Electives (select two)

REL 221 Hinduism and Buddhism.....2
REL 231 Judaism.....2
INCL/MISS 360 Introduction to Islamic Studies.....4

Select Additional courses from the following (6-8 credits)

THEL 215 Christian Apologetics.....4
THEL 313 Systematic Theology.....4
BIBL 355 Biblical Theology I.....2
BIBL 356 Biblical Theology II.....2
THEL 220 History of Christianity.....4

ROTC

Minimum of 12 hours of MSL coursework and contract with U.S. Army leading to rank of 2nd Lieutenant

Houghton College students may participate in ROTC [Reserve Officer Training Corps] through a cross-enrollment agreement with St Bonaventure University. Two hours of military science are offered each semester that combine academic coursework and practical field experiences designed to enhance self-confidence, discipline, initiative, and responsibility. 100 and 200 level courses are offered on the Houghton campus to any interested student without obligation to the Army. Up to 8 hours of Houghton graduation credit can be earned this way. 300 and 400 level courses, offered on the SBU campus, are open only to students under contract with the U.S. Army. Houghton students have done well in competition for scholarships which cover full tuition and books plus a modest living allowance.

Sociology (12 credits)

12 hours above SOC 101, except PSY 307, 308 and 309 Statistics

Spanish (16 credits)

16 hours of SPAN courses beyond SPAN 102. It may also include SPAN 205 Intermediate Spanish.

Sports Ministry (16 interdisciplinary credits)

Sports ministry is a culturally relevant relational tool that helps connect the Christian faith to the sport-minded. The minor is particularly helpful for students interested in academic and vocational pursuits within local church ministries, missions, education, coaching, camping, recreation, equestrian studies, church planting and intercultural studies.

Required (9 credits)

CRFM 325 Study and Teaching Methods.....	3
PHED/CRFM 227 Sports Ministry: The Integration of Faith and Sport.....	4
PHED/CRFM 275 Methods of Administration of Sports Ministry.....	2

Electives (select one)

CRFM 341/342 Theological Explorations in Youth Cultures and Ministry I & II.....	2, 2
THEL 313 Systematic Theology.....	4

Select at least one from the following (3-4)

INCL XXX Intercultural course recommended by department.....	1-4
MISS 242 Missions and the Global Church.....	4
PHED 305 Sports Ministry Field Practicum **	2
PHED 306 Principles of Coaching & Sport Management.....	4
REC 227 Outdoor Leadership Training.....	4
REC 240 Administration of Organized Camps.....	4
CREM 341/342 or THEL 313 (<i>whichever was not used in previous category</i>).....	4

***with approval the practicum can be fulfilled through one of the following provided the course has a sufficient sports ministry component:*

CRFM 442 Internship in Christian Formation.....	4
MISS 311 Cross Cultural Field Experience.....	3-4

INCL 311 Intercultural Experience.....0-4

TESOL (20 credits)

Teaching English to Speakers of Other Languages

LING 220 Introduction to Linguistics.....4

Ling 351 Linguistics for TESOL.....4

LING 350 First and Second Language Acquisition.....4

LING/EDUC 371 TESOL Methods: ELA.....2

LING 373 TESOL Field Experience.....2

COMM/ANTH 225 Intercultural Community or INCL/ANTH 310
Intercultural Competencies.....4

Theology (12 credits)

The theology minor provides concentrated study in Christian doctrine, apologetics, and church history.

THEL 313 Systematic Theology.....4

Theology electives above THEL 209.....8

Urban Ministry (16-17 credits)

CRFM 231 Foundations of Educational Ministries or MIN 210 Intro to Christian Ministries.....2

Choose 4 of the following courses:

URMN 212 Urban Ministry.....4

URMN 250 Evangelism and Social Action in the Urban Context.....3

URMN 300 Urban Ministry Field Experience and Seminar.....3

URMN 328 Community and Society in Australia and New Zealand.....4

URMN 350 The City in Biblical and Theological Perspective4

For more Urban Studies opportunities please see the City Semester listing under Off Campus Programs.

World Religions (14 credits)

REL 221 Hinduism and Buddhism.....2

REL 225 Taoism and Confucianism.....2

REL 231 Judaism.....2

REL 222 New Religious Movements I.....2

REL 232 New Religious Movements II.....2

INCL/MISS 360 Introduction to Islamic Foundations.....4

Writing (16 credits)

WRIT 214 Literary Non-Fiction.....4

Additional WRIT courses.....12