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Art and Design

Mark Borchert, Dean of Management and Creative Arts | https://www.houghton.edu/art/ | 585.567.9308 | art@houghton.edu

Art Minor: 14 credits

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

Art Business Minor: 13 credits

Core Required Business Courses	**Credits**
BADM/COMM 218 Marketing Principles	3
BADM 303 Entrepreneurship	3
BADM/COMM 304 Social Media Marketing	3
Total	9
Core Required Art Course	
ART/COMM 479 Professional Practices in Photography	4
Total in minor	**13**

Bible & Theology

Peter Meilaender, Dean of Religion, Humanities, and Global Studies | https://www.houghton.edu/undergraduate/houghton-ny/majors-programs/academics/biblical-studies-theology-philosophy/ | 585.567.9429

Bible Minor: 12 credits

12 credits in BIBL, numbered 200 or above

Missions Minor: 12 credits

Missions 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 a long tradition in missions at Houghton and partner with the expanding global church in serving Christ. Students taking the Missions minor have majored (or double-majored) in everything from Bible, music, and psychology to education and more. Most students who minor in missions will include the highly recommended Cross-Cultural Field Experience in addition to the regular coursework.

Required Courses	**Credits**
MISS 241 History of the Global Christian Movement *or* THEL 221 History of Christianity I	3
MISS 242 Mission and the Global Church	3
MISS 243 Introduction to Missiological Foundations	3
Elective	
As advised by the Global Studies advisor from the following prefixes: BIBL, GBS, INCL, LING, MISS, REL, THEL	3
Total in minor	**12**

Pastoral Ministry Minor: 24–27 credits

Required Courses	Credits
CRFM 231 Foundations of Educational Ministry	3
MIN 210 Introduction to Christian Ministries	3
MIN/THEL 316 Worship in the Church	3
MIN 317 Leadership in the Church	3
MIN 324 Preaching and the Church	3
MIN 410 Ministerial Field Education	3–6
THEL 315 Wesleyan Tradition	3
THEL 320 Spiritual Formation	3
Total in minor	**24–27**

Religion Minor: 12–15 credits

Required Course	Credits
THEL/PHIL 255 Reason and Religious Belief	3
Electives	
Select two courses from the following:	
REL 215 Islam: A Christian Introduction	3
REL 221 Eastern Religions	3
REL 222 New Religious Movements	3
REL 231 Judaism	3
Select additional courses from the following:	
THEL 215 Christian Apologetics	3
THEL 313 Systematic Theology	3
BIBL 355 Old Testament Theology	3
BIBL 356 New Testament Theology	3
THEL 221 or 222 History of Christianity I *or* Global History of Christianity	3, 3
Total in minor	**12–15**

Sports Ministry Minor: 16 credits

The Sports Ministry minor equips students with hands-on learning opportunities and a theological foundation for the practice of sports ministry within a variety of settings from cross-cultural missions and church plants to recreation/adventure sports, fitness/exercise programs, and coaching or camping.

This minor also prepares students for parachurch sports ministries such as Athletes in Action, Fellowship of Christian Athletes, Missionary Athletes International, Sports Friends, Surge International, Ignite International, Push the Rock, Climbing for Christ, and Score International.

Required Courses	**Credits**
CRFM 325 Bible Study and Teaching Methods	3
SRWM/CRFM 227 Sports Ministry: The Integration of Faith and Sport	3
SRWM/CRFM 275 Methods of Administration of Sports Ministry	3
Total	9
Select one course from the following:	
BADM 320 Leadership Development *or* SRWM 229 Outdoor Leadership Training**	3
CRFM 340 Theological Explorations in Youth Cultures and Ministry	3
Total	3
Recommended Electives – *select electives to total 16 credits as approved by advisor*	
MISS 242 Missions and the Global Church	4
SRWM 270 Global Sports Culture	3
SRWM 306 Principles of Coaching and Sport Management	3
SRWM 240 Camps and Summer Programs	3
SRWM 241 Recreation and Tourism	3
INCL XXX – Intercultural course recommended by department	1–4
CRFM 340 *(if not used in previous category)*	3
*With approval, the field experience or practicum can be fulfilled through one of the following provided the course has a sufficient sports ministry component:	
MIN 410 Ministerial Field Education	3–6
MISS 311 Cross Cultural Field Experience	3–4
INCL 311 Intercultural Experience	1–4
Total in minor	**16**

**Students with an SRWM major will take one or the other based on course chosen for the major requirement.

Theology Minor: 12 credits

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

Required Courses	**Credits**
THEL 211 Introduction to Theology	3
THEL 313 Systematic Theology	3
Theology electives above THEL 209	6
Total in minor	**12**

Youth Ministry Minor: 24–27 credits

Required Courses	Credits
CRFM 231 Foundations of Educational Ministry	3
CRFM 332 Christian Formation of Youth	3
CRFM 340 Theological Exploration in Youth Cultures & Ministry	3
CRFM 350 Foundations of Youth Ministry	3
MIN 210 Introduction to Christian Ministries	3
MIN 410 Ministerial Field Education	3–6
THEL/PHIL 265 Christianity, Postmodernism & Beyond	3
THEL 320 Spiritual Formation	3
Total in minor	**24–27**

World Religions Minor: 12 credits

Required Courses	Credits
REL 215 Islam: A Christian Introduction	3
REL 221 Eastern Religions	3
REL 222 New Religious Movements	3
REL 231 Judaism	3
Total in minor	**12**

Biology

Jill E. Jordan, Dean of Natural Sciences and Mathematics | https://www.houghton.edu/biology/ | 585.567.9264 | biology@houghton.edu

Department.

Biology Minor: 12 credits

12 credits above BIOL 151, 152

Forestry Minor: 14 credits

Forestry (emphasis within the Biology minor)

Faculty: faculty from SUNY-ESF Ranger School

Because deforestation and other human activities affecting forested areas have significant ecological, aesthetic, and economic ramifications, gaining insight into our forest resources can play an important role in environmental stewardship and may be desirable for students intending to serve with missions organizations. The forestry program at Houghton University allows students to develop a deeper understanding of these issues through an agreement partnership with the State University of New York College of Environmental Science and Forestry (SUNY-ESF). Both a Forestry minor and a Forestry emphasis within a Biology major are offered through coursework taken at the SUNY-ESF Ranger School (est. 1912) based at Wanakena in the Adirondack Park. The Ranger School offers a rigorous 46-credit Forestry Technology program over an

extended school year. Houghton students can participate for a fall semester (Forestry minor) or for an entire academic year (Forestry emphasis within a Biology major), depending on their educational and career goals. Those participating for the whole year also earn an AAS from SUNY-ESF.

Note: The program is not limited to Biology majors. Non-Biology students who have the necessary prerequisites may also opt to take the fall courses (earning a Forestry minor) or the whole-year program (earning a Forestry minor, Biology minor, and AAS degree in Forest Technology). The SUNY-ESF website should be consulted for definitive information on their forestry program.

SUNY-ESF Ranger School Required Prerequisites (courses taken at Houghton University: 32 credits)	**Credits**
ECON 210 Principles of Microeconomics *or* ECON 211 Principles of Macroeconomics	3
BIOL 151 General Biology: Organisms to Ecosystems	4
BIOL, CHEM, or PHYS – Science course with lab	4
MATH 181 Calculus 1 *or* MATH 170/171 Calculus I with Pre-calculus A and B	4–8
English with focus on writing (e.g., Writing in Liberal Arts)	6
Electives (Suggested areas: psychology, sociology, computer science, public speaking)	12
Total SUNY-ESF prerequisites	32–36
Forestry Minor – courses taken during fall semester at SUNY-ESF Ranger School – 14 credits transfer to Houghton University for minor	
Forest Ecology (This course, when counted for the minor, may NOT also be counted toward a Biology major.)	4
Dendrology	3
Introduction to Natural Resources Measurements	4
Remote Sensoring and Geographic Information Technology	3
8 credits of additional coursework are included in the program but do *not* transfer back to Houghton.	

Business and Economics

Mark Borchert, Dean of Management and Creative Arts | http://www.houghton.edu/business/ | 585.567.9446 |

Accounting Minor: 15 credits

Required Courses	**Credits**
ACCT 211 Financial Accounting	3
ACCT 212 Managerial Accounting	3
ACCT 311 Intermediate Accounting I	3
ACCT 312 Intermediate Accounting II	3
Select 3 credits of ACCT electives	3
Total in minor	15

Business Administration Minor: 15 credits

Required Courses	**Credits**
ACCT 211 Financial Accounting	3
BADM 212 Principles of Management*	3
BADM 201 Business Communication, BADM 213 Business Law I, BADM 214 Business Law II, *or* BADM/PSY 309 Statistics*	3–4
BADM/COMM 218 Marketing Principles*	3
ECON 210 Principles of Microeconomics *or* ECON 211 Principles of Macroeconomics	3
Total in minor	**15–16**

*These courses meet Houghton University MBA prerequisites.

Economics Minor: 15 credits

Required Courses	**Credits**
ECON 210 Principles of Microeconomics	3
ECON 211 Principles of Macroeconomics	3
Additional credits from ECON courses numbered 200 or above	9
Total in minor	**15**

This minor aims to develop students' ability to think clearly about economic cause and effect and to apply economic theories, models, concepts, and analytical methods to real-world problems with a view toward equipping them to serve in fields such as management, finance, international relations, government, law, education, and history. Economics courses at Houghton intentionally consider a Christian worldview and its interaction with economic concepts, methods, and policies. Economic theory provides essential background for careers in business, law, politics, teaching, and all areas of private and public administration.

Digital Marketing Minor: 15 credits

Required courses	**Credits**
BADM/COMM 218 Marketing Principles	3
BADM/COMM 304 Social Media Marketing	3
BADM/COMM 312 Advertising Principles for Digital Media	3
BADM/COMM 315 Public Relations in the Digital Age	3
BADM 319 Marketing Research and Analytics	3
Total in minor	**15**

Leadership Studies Minor: 15 credits

Required courses	**Credits**
BADM 212 Principles of Management	3
BADM 320 Leadership Development	3
9 additional credits selected from the following (from at least two disciplines):	9

BADM 325 Project Management	3
BADM 341 Work Team Dynamics	3
BADM/INCL 343 Multicultural Teams and Leadership	3
COMM 216 Organizational Communication	3
MIN 317 Leadership in the Church	3
PSY/SOC 218 Social Psychology	3
SRWM 229 Outdoor Leadership Training	3
SRWM 300 Program Planning and Evaluation	3
THEL 331 Christian Ethics	3
Total electives	9
Total in minor	**15**

This cross-disciplinary minor in Leadership Studies can alternatively be earned by completing the LIFT (Leaders in Further Training) discipleship training program (offered by Camp of the Woods), with the addition of BADM 212: Principles of Management. Students can earn 12 credits through this program.

Chemistry

Jill E. Jordan, Dean of Natural Sciences and Mathematics | https://www.houghton.edu/chemistry/ | 585.567.9264

Chemistry Minor: 12 credits

The minor in Chemistry consists of at least 12 CHEM credits at 200-level or above.

Communication

Mark Borchert, Dean of Management and Creative Arts | https://www.houghton.edu/communication/ | 585.567.9446

Communication Minor: 12–15 credits

Required Courses	**Credits**
COMM 205 Introduction to Communication Theory	3
Three additional courses with COMM prefix for at least 9 credits total	9–12
Total in minor	**12–15**

Education

Michele Vanasse, Dean of Education & Behavioral Sciences | https://www.houghton.edu/education/ | 585.567.9308

Education Minor: 14–16 credits

Required Courses	**Credits**
EDUC 217 Foundations of Education	3
EDUC 219 Educational Psychology	3
EDUC 235 Educating Students with Exceptional Learning Needs	3
Total	9
Electives – *Select two of the following courses,* in consultation with an Education Department faculty member.	
EDUC 221 Children's Literature	3
EDUC 223 Adolescent Literature	3
EDUC 240 Teaching in Urban America	2
MATH 114 Mathematical Concepts and Reasoning	4
Total in minor electives	5–7
Total in minor	**14–16**

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

English and Writing

Peter Meilaender, Dean of Religion, Humanities, and Global Studies | https://www.houghton.edu/english-and-writing/ | 585.567.9429

English Minor: 12 credits

Students choosing a minor in English are required to take ENGL courses totaling 12 credits.

Writing Minor: 12 credits

A student may obtain a writing minor by completing 12 credits of WRIT courses above the 100-level.

Greatbatch School of Music*

David Clem, Dean and Director of the Greatbatch School of Music | https://www.houghton.edu/music/ | 585.567.9400

Applied Music Minor: 16 credits

Sixteen credits in one performance area (minimum 8 credits at or above 201-level and one year in an appropriate ensemble), normally consisting of 14 credits of applied study and 2 credits 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, harp	**Credits**

14 credits of applied music	14
2 credits of ensemble	2
Total in minor	**16**

Piano Requirements	**Credits**
14 credits of piano	14
2 credits of ensemble	2
Total in minor	**16**

Organ Requirements	**Credits**
14 credits of organ	14
2 credits of ensemble	2
Total in minor	**16**

Keyboard	**Credits**
14 credits of piano and organ combined	14
2 credits of ensemble	2
Total in minor	**16**

Elective Music Minor: 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 Dean of the Greatbatch School of Music. It may include some applied and/or ensemble work but requires a minimum of 8 credits of coursework other than applied lessons or ensembles. The course of study agreed upon by the student and the Greatbatch School of Music is placed on file in the Registrar's Office.

Music Industry Minor: 17 credits

Required Courses	**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 180/181 Practicum in Sound and Recording	0
Total in minor	**17**

History, Politics & Philosophy, and Global Studies

Peter C. Meilaender, Dean of Religion, Humanities, and Global Studies | https://www.houghton.edu/history/ | 585.567.9429

French Minor, Self-Designed: 12 credits

A 12 credit self-designed minor with courses beyond the 102 level as determined by arrangement with the Dean of Religion, Humanities, and Global Studies. A special course of study is developed to meet the student's specific goals and is signed prior to taking the courses. The signed course of study is placed on file in the Registrar's Office.

German Minor, Self-Designed: 12–14 credits

A 12 credit self-designed minor with courses beyond the 102 level as determined by arrangement with the Dean of Religion, Humanities, and Global Studies. A special course of study is developed to meet the student's specific goals and is signed prior to taking the courses. German language courses beyond 102, though not listed in the catalog, are frequently offered as tutorials. Consult with the Dean of Religion, Humanities, and Global Studies for information about this possibility. The signed course of study is placed on file in the Registrar's Office.

German Studies Minor

Twelve credits of coursework, at least 6 credits of which are in German language study at any level and at least 3 of which are in the study of German, Austrian, or Swiss history, politics, or culture, broadly understood. Students may take additional or higher-level German courses in tutorial form (via approvals) or through study abroad.

Language Courses *(Select at least 6 credits)*	**Credits**
GERM 101 German Level 1	3
GERM 102 German Level 2	3
Higher-level German course as tutorial (with approval)	3
Culture Courses *(Select 3–6 credits)*	
ART 234 Art and Architecture in Europe: Germany	4
HIST/POLS 369 Luther and the German Reformation	3
POLS/HIST/HUM 247: Switzerland: A Case Study in European History, Politics, and Culture	3
POLS/HIST/HUM 348 Vienna 1900: Politico-Cultural Crisis and Creativity	3
THEL 333 Major Figures in Theology: Bonhoeffer	3
Other Approved Courses (including study abroad)	0–4
Total in minor	**12**

Global Studies Minor: 15 credits

Required Courses	**Credits**

GBS 201 Introduction to Global Studies	3
GBS/SOC 243 Cultural Anthropology *or* INCL/COMM 225 Intercultural Communication	3
HUM 210 Introduction to Global Humanities *or* POLS 230 Introduction to International Relations	3
INCL 210 Intercultural Competencies	3
Elective chosen from courses eligible for Global Studies major	3
Total in minor	**15**

History Minor: 12 credits

12 credits of history courses numbered 200 or above (at least 4 discrete courses)

Intercultural Studies Minor: 12–15 credits

Required Courses	**Credits**
GBS 201 Introduction to Global Studies	3
GBS 243 Cultural Anthropology	3
INCL 210 Intercultural Competencies	3
Option A	
INCL 311 Intercultural Experience	0–4
Elective to total 12 credits (if INCL 311 is done for less than 3; any INCL/IDEV/ANTH course)	1–3
Total in minor (Option A)	**min. 12**
Option B	
Corequisite: at least 3 credits of any modern world language	3
GBS 350 Culture Change and Globalization	3
Total in minor (Option B)	**15**

Law and Constitutional Studies Minor: 15 credits

Required Courses	**Credits**
POLS 205 In Search of Justice *or* POLS 220 The American Political System	3
HIST/POLS 455 American Constitutional History *or* HIST 360 Early American Republic	3
Elective Options to bring minor to 15 credits	
BADM 213 Business Law I	3–4
BADM 214 Business Law II	3–4
HIST 361 Civil War and Industrial America, 1848–1918	3
HIST 362 Modern American History, 1918 to the Present	3
PHIL 222 Logic and Critical Thinking	3–4
PHIL/POLS 237 Just War?	3

PHIL/POLS 275 Philosophy of Law	3
POLS/PHIL 260 Introduction to Political Thought	3
POLS 437 International Law	3
Any core courses listed above not used to satisfy core requirements	3
Total	7–9
Total in minor	**15**

Philosophy Minor: 12 credits

Required Courses	**Credits**
Select at least one course from the following:	
PHIL 231: Topics in Premodern Philosophy (various options)	3
PHIL 232: Topics in Modern Philosophy (various options)	
Additional Required Philosophy Courses	
9 credits of Philosophy electives	9
Total in minor	**12**

Political Science Minor: 12 credits

12 credits of POLS coursework (at least 4 discrete courses)

Politics & Philosophy Minor: 15 credits

Required Courses	**Credits**
POLS 205 In Search of Justice	3
2 courses from the core of the Politics & Philosophy major	6
Additional POLS/PHIL courses to reach at least 15 credits	6
Total in minor	**15**

Minor must include at least two POLS and two PHIL courses

Spanish Minor: 12 credits

A 12 credits self-designed minor with courses beyond the 102 level as determined by arrangement with the Dean of Religion, Humanities, and Global Studies. A special course of study is developed to meet the student's specific goals and is signed prior to taking the courses. The signed course of study is placed on file in the Registrar's Office.

Interdisciplinary Studies

Peter C. Meilaender, Dean of Religion, Humanities, and Global Studies

Military Leadership Minor: 12 credits (ROTC at Houghton, through St. Bonaventure University – Army)

Houghton University students may participate in the Reserve Officer Training Corps (ROTC) through a cross-enrollment agreement with St. Bonaventure University. Two credits of military science are offered each semester that combine academic coursework and practical field experiences designed to enhance self-confidence, discipline, initiative, and responsibility. Courses are offered to any interested student without obligation to the Army. Up to 8 credits of Houghton graduation credit can be earned this way. All courses are offered on the St. Bonaventure University campus; 300 and 400 level courses 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.

Global Humanities Minor: 15 credits

15 credits of courses from the following with no more than two courses from any one prefix other than the interdisciplinary HUM prefix:	**Credits**
ART 231 Ancient Art History	4
ART 232 Renaissance and Baroque Art History	4
ART 236 Asian Art History Survey	4
ART 237 Modern and Contemporary Western Art History	4
ENGL 361 Contemporary World Literature	3
HIST 250 World History, 1500-Present	3
HIST 336 Imperial Russia	3
HIST 337 The Soviet Union and Beyond	3
HIST 441 Genocides of the20th Century	3
HUM/HIST/POLS 247 Switzerland: European Politics and Culture	3
HUM/HIST/POLS 348 Vienna 1900: Politico-Cultural Crisis and Creativity	3
HUM 351 Translation Workshop	1
HUM 382 Around the World: Reading Across Borders	1
MHS 256 Music and Global Cultures in Christian Perspective	3
REL/GBS 215 Islam: A Christian Introduction	3
REL 221 Eastern Religions	3
REL 222 New Religious Movements	3
REL 231 Judaism	3
PHIL 231 Topics in Premodern Philosophy	3
THEL 221 History of Christianity 1	3
THEL 222 History of Global Christianity	3

Up to 3 credits of a foreign language	3
Other courses as approved by the Director of the Center for Global Humanities	
Total in minor	**15**

Mathematics

Jill E. Jordan, Dean of Natural Sciences and Mathematics | http://www.houghton.edu/math/ | 585.567.9264

Mathematics Minor: 12 credits

12 credits in mathematics courses numbered 182 and higher

Tammy Dunmire, Director of Online and Concurrent Enrollment | https://www.houghton.edu/online/ | 585-567-9335

*See the Department of Online Programs Student Handbook for information regarding the policies and procedures that govern student enrollment in our online programs. Also see the Online Current Student Page for other important information.

Houghton University Online offers three graduate degrees: a Master of Arts in Teaching Adolescent Education, a Master of Science in Literacy Education, and a Master of Business Administration.

Graduate Programs

Business Administration (MBA)
Literacy Education (MSEd)
Teaching Adolescent Education (MAT)
Music Education (MMus)

Graduate Programs

Master of Business Administration

MBA (38 credits in the program)

Program requirements are found in the Department of Business and Economics section.

Master of Arts in Teaching (Teaching Adolescent Education [7-12])

MAT (30–39 credits in the program)

Program requirements are found in the Department of Education section.

Master of Science in Education (Literacy Education Program)

MSEd (39 credits in the program)

Program requirements are found in the Department of Education section.

Master of Music in Music Education

MMus (33 credits in the program)

Program requirements are found in the Greatbatch School of Music Handbook.

Physics, Computer Science, and Engineering

Jill E. Jordan, Dean of Natural Sciences and Mathematics | https://www.houghton.edu/physics/ | 585.567.9264

Computer Science Minor: 16 credits

Required Courses	**Credits**
CSCI 211 Programming I	4
CSCI 218 Programming II	4
CSCI 226 Computer Architecture	4
CSCI 236 Data Structures and Algorithms	4
Total in minor	**16**

Data Science Minor: 16 credits

Required Courses	**Credits**
CSCI 211 Programming I	4
DSCI 211 Data Science I	4
DSCI 212 Data Science II *or* CSCI 345 Machine Learning	4
4 credits chosen from below	
BADM/PSY 309 Statistics	4
COMM/ART 224 Motion Media Design & Animation	4
COMM/ART 228 Digital Video I	4
COMM 232 Introduction to Web Communication	4
COMM 243/ART 245 Graphic Design I	4
COMM/ART 284 Introduction to Digital Imaging	4
COMM 314 New Media and Society	4
CSCI 218 Programming II	4
CSCI 236 Data Structures and Algorithms	4
CSCI 312 Computational Statistics	4
CSCI 315 Big Data and Cloud Computing	4
CSCI 340 Databases	4
CSCI 345 Machine Learning	4
DSCI 212 Data Science II	4
DSCI 380 Collaborative Research in Data Science	4
DSCI 480 Senior Capstone Seminar in Data Science	4
PSY 312 Advanced Applied Statistics	4
Total in minor	**16**

Physics Minor: 12 credits

12 credits of PHYS courses numbered 171 or above.

Psychology and Criminal Justice

Michele Vanasse, Dean of Education & Behavioral Sciences | https://www.houghton.edu/social-sciences/ | 585.567.9308

Family Studies Minor: 15–18 credits

At least <u>one</u> course selected from below:	**Credits**
PSY 230 Lifespan Development of the Family	3
SOC 237 Introduction to Marriage and Family Studies	3
At least <u>two</u> courses selected from below:	
PSY 213 Developmental Psychology	3
PSY 217 Adolescence and Emerging Adulthood	3
PSY 314 Child Psychopathology	3
At least <u>one</u> course selected from below:	
PSY 220 Culture and Human Development	3
PSY 325 Human Sexuality	3
Electives to reach 15 credit minimum**:**	
Any of the above courses not used for previous categories *or*	
EDUC 219 Educational Psychology	3
SOC 330 Culture and Family	2
SOC 362 Gender Relations	3
SOC 394 Internship in Family Studies	1–6
THEL 310 Women, Men, and the Image of God	3
THEL 337 Theological Foundations of the Family	3
Special Topics courses as approved by school dean	3
Total in minor	**15**

The Child and Family Studies minor is interdisciplinary, combining the fields of psychology, sociology, education, and theology to provide an integrative field of study that examines child development; the social, cultural, and theological functions of the family; and the dynamics of family systems. The minor is designed to provide students with exposure to knowledge and skills necessary for professional careers in human services and leadership roles in the church, family, and community in addition to preparing students for further education in family studies and related areas (e.g., marriage and family studies, early childhood education, pastoral care).

Criminal Justice Minor: 15 credits

Required Course:	**Credits**

CRJ 201 Introduction to Criminal Justice	3
***At least one course selected from below*:**	
CRJ 301 Police Operations and Procedures	3
CRJ 305 Courts, Judgments, and Alternative Consequences	3
CRJ 310 Correction, Probation, and Restorative Justice	3
CRJ 211, 311, 411 Special Topics in Criminal Justice	3
POLS 220 The American Political System	3
POLS 270 Introduction to Public Policy	3
POLS/PHIL 275 Philosophy of Law	3
POLS 426 Constitutional Law	3
At least one course selected from below:	
COMM 330 Conflict Management	3
PSY/SOC 218 Social Psychology	3
PSY 301 Psychology of Personality	3
PSY 305 Abnormal Psychology	3
PSY 314 Child Psychopathology	3
PSY 320 Stereotyping and Prejudice	3
PSY 335 Drugs and Behavior	3
PSY 350 Cultural Competencies for Practice	3
PSY 402 Counseling and Psychotherapy	3
Electives (5–6 credits, to total 15 credits in the minor)	
Any of the above courses not used for previous categories *or*	
POLS 205 In Search of Justice	3
CRJ/SOC 231 Criminology	3
THEL 230 Building Shalom: Justice, Love, and the Christian Life	3
WRIT 217 Professional Writing	3
Special Topics courses as approved by school dean	2–3
Total in minor	**15**

The Criminal Justice minor is an interdisciplinary minor that involves courses in criminal justice, political science, and psychology. It is designed for students who are pursuing another academic major but who have an academic and/or career interest in the area of criminal justice. Studying criminal justice offers excellent preparation for students anticipating careers in counseling, social work, and other health services; politics and law; ministry; activism and lobbying; law enforcement; or forensic psychology.

Diversity Studies Minor: 15 credits

At least two courses selected from below:	**Credits**
PSY 220 Culture and Human Development	3

PSY 318 Psychology of Race and Racism	3
PSY 320 Stereotyping and Prejudice	3
PSY 350 Cultural Competencies for Practice	3
At least one course selected from below:	
GBS/SOC 243 Cultural Anthropology	3
SOC/PSY 218 Social Psychology	3
SOC 335 Diversity in the Workplace	3
SOC 362 Gender Relations	3
Electives (6–7 credits to total 15 credits in the minor)	
Any of the above courses not used for previous categories *and/or*	
COMM/INCL 225 Intercultural Communication	3
ENGL 361 Contemporary World Literature	3
GBS 201 Introduction to Global Studies	3
INCL 210 Intercultural Competencies	3
POLS 205 In Search of Justice	3
PSY 325 Human Sexuality	3
THEL 230 Building Shalom: Justice, Love, and the Christian Life	3
THEL 232 Poverty, Wealth, and the Christian Gospel	3
THEL 240 Ethnicity, Race, and the Church	3
THEL 295 Race and American Christianity	3
WRIT 312 Writing for Social Change	3
Special Topics courses as approved by school dean	
Total in minor	**15**

The interdisciplinary Diversity Studies minor combines the fields of psychology, sociology, anthropology, theology, communication, and intercultural studies to provide an integrative field of study that examines human relations by looking at human differences and inequities (in gender, age, race, religion, nationality, ethnicity, sexuality, and socioeconomic status) to develop critical thinking, cultivate knowledge, and promote intercultural communication. The minor is designed to equip students to work, live, and worship in an increasingly diverse society and to understand diversity at interpersonal, systemic, and structural levels.

Psychology Minor: 15 credits

15 credits in psychology above PSY 111

Sociology Minor: 12 credits

12 credits above SOC 101

Sport, Recreation, and Wellness

Mark Borchert, Dean of Management and Creative Arts | https://www.houghton.edu/sport-recreation-and-wellness/ | Equestrian Center: 585.567.8142

Athletic Administration and Sports Management Minor: 16 credits

Required Courses	**Credits**
SRWM 221 Principles of Sport, Recreation, and Wellness Management*	3
BADM 320 Leadership Development *or* SRWM 229 Outdoor Leadership Training**	3
Recommended Electives – *select electives to total 16 credits as approved by advisor:*	
SRWM 270 Global Sports Culture	3
SRWM 306 Principles of Coaching & Sports Management	3
SRWM 313 Sports Marketing & Communication	3
SRWM 314 Organization & Management of Athletics	3
SRWM 325 Certified Personal Trainer	2
SRWM 326 Strength & Conditioning	2
SRWM 327 Sports Nutrition	2
SRWM 486/487/488 Practicum I, II, *and/or* III – *site location approved by instructor**	1–3
BADM xxx – recommended and approved by advisor	3
COMM XXX – recommended and approved by advisor	2–3
PSY 200 level or higher – recommended and approved by advisor	3
Total in minor	**16**

Note: Students with an SRWM major and Athletic Administration and Sports Management minor must have a minimum of 12 non-overlapping credits to complete the minor.

*Courses also found in the SRWM major

**Students with an SRWM major will take one or the other based on course chosen for the major requirement.

The Athletic Administration and Sports Management minor prepares students for professional leadership roles within the sports industry including coaching and administration; educational, recreational, and club athletics; event and facilities management; sports marketing; media and public relations; recreation programming; product management; and emergent technologies within the growing sporting world.

Equestrian Studies Minor: 14 credits

Requirements	**Credits**
SRWM 221 Principles of Sport, Recreation, and Wellness Management *or* SRWM 229 Outdoor Leadership Training *or* SRWM 300 Program Planning	3
EQST 101 Introduction to Equestrian Studies	1
EQST 231 Equine Facility Management I	2

EQST 238 Equine Science I	2
Equestrian electives (EQST 201 or above)	6
Total in minor	**14**

A minor in Equestrian Studies will equip students with a broad base of knowledge in classical horsemanship encompassing theory and philosophy, riding, the teaching of riding, and care of the horse and will cultivate Christ-like character, enabling students to become effective servant-scholars.
*See Program Guidelines and Requirements

*Note: No more than 8 credits of EQST courses may be counted towards graduation for students not majoring in SRWM with the equestrian options or minoring in Equestrian Studies.

Equine-Assisted Therapy Minor: 15 credits

Requirements	**Credits**
EQST 101 Introduction to Equestrian Studies	1
EQST 226 Foundations of Equine-Assisted Therapies	2
EQST 231 Equine Facility Management I	2
EQST 238 Equine Science I	2
EQST 336 Methods and Materials of Equine-Assisted Therapies	2
Equestrian electives (EQST 214 or above)	6
Total in minor	**15**

A minor in Equine-Assisted Therapy will equip students to use horses to help individuals with disabilities in various settings through a variety of facilitation techniques. Students choosing to pursue a certification from the Professional Association of Therapeutic Horsemanship (PATH) can do so through an internship field placement.
*See Program Guidelines and Requirements

*Note: No more than 8 credits of EQST courses may be counted towards graduation for students not majoring in SRWM with the equestrian options or minoring in Equestrian Studies.

Health Promotion and Fitness Minor: 16 credits

Required Courses	**Credits**
SRWM 221 Principles of Sport, Recreation, and Wellness Management*	3
SRWM 237 Holistic Health	3
Current Certification – SRWM 308 First Aid & Safety *or* CPR/AED for the Professional Rescuer and First Aid *or* Lifeguarding *or* WFA/WFR	0–2
Recommended Electives – *select electives to total 16 credits as approved by advisor*	
SRWM 306 Principles of Coaching & Sport Management	3
SRWM 325 Certified Personal Trainer	2
SRWM 326 Strength & Conditioning	2
SRWM 327 Sports Nutrition	2

SRWM 314 Organization & Management of Athletics	3
BADM XXX – recommended and approved by advisor	3
PSY 200 level or higher – recommended and approved by advisor	3
COMM XXX – recommended and approved by advisor	2–3
BIOL 365 – Immunology	4
Total in minor	**16**

Note: Students with an SRWM major and Health Promotion & Fitness minor must have a minimum of 12 non-overlapping credits to complete the minor.

*Courses also found in the SRWM major

The Health Promotion and Fitness minor prepares students interested in the applied health and wellness industry in local, regional, and national settings. Students can pursue certifications within the National Council on Strength & Fitness. Students are prepared for careers in health promotion, fitness instruction, strength and conditioning coaching, and personal training.

Recreation Minor: 16 credits

Required Courses	**Credits**
SRWM 221 Principles of Sport, Recreation, and Wellness Management*	3
BADM 320 Leadership Development *or* SRWM 229 Outdoor Leadership Training**	3
Current Certification – WFA/WFR recommended *or* CPR/AED for the Prof. Rescuer & First Aid *or* Lifeguarding *or* SRWM 308 First Aid & Safety*	0–2
Recommended Electives – *select electives to total 16 credits as approved by advisor*	
SRWM 104 Backpacking	1
SRWM 220 Adventure Sports	2
SRWM 240 Camps & Summer Programs	3
SRWM 241 Recreation & Tourism	3
SRWM 301 Outdoor & Experiential Education	3
SRWM 401 Natural Resource Management	3
BIOL XXX – recommended course with environmental emphasis	4
PSY 200 level or higher – recommended and approved by advisor	3
COMM XXX – recommended and approved by advisor	2
Total in minor	**16**

Note: Students with an SRWM major and a Recreation minor must have a minimum of 12 non-overlapping credits to complete the minor.

*Courses also found within the SRWM major

**Students with an SRWM major will take one or the other based on the course chosen for the major requirement.

The Recreation minor equips students interested in areas of private, public, and/or nonprofit recreation; camp programming; natural resource management; and adventure education. The minor addresses leadership

styles and theory, principles and methods of program development, and the foundations of leisure theories and philosophies within the experiential educational context.

Sports Ministry Minor: 16 credits

Required Courses	**Credits**
CRFM 325 Bible Study and Teaching Methods	3
SRWM/CRFM 227 Sports Ministry: The Integration of Faith and Sport	3
SRWM/CRFM 275 Methods of Administration of Sports Ministry	3
Total	9
Select one course from the following:	
CRFM 340 Theological Explorations in Youth Cultures and Ministry	3
BADM 320 Leadership Development *or* SRWM 229 Outdoor Leadership Training**	3
Total	3
Recommended Electives – *select electives to total 16 credits as approved by advisor*	
CRFM 340 *(if not chosen in previous category)*	3
INCL XXX – Intercultural course recommended by department	1–4
MISS 242 Missions and the Global Church	4
SRWM 240 Camps and Summer Programs	3
SRWM 241 Recreation and Tourism	3
SRWM 270 Global Sports Culture	3
SRWM 306 Principles of Coaching and Sport Management	3
*With approval, the field experience or practicum can be fulfilled through one of the following provided the course has a sufficient sports ministry component:	
INCL 311 Intercultural Experience	1–4
MIN 410 Ministerial Field Education	3–6
MISS 311 Cross Cultural Field Experience	3–4
Total in minor	**16**

**Students with an SRWM major will take one or the other based on the course chosen for the major requirement.

The Sports Ministry minor equips students with hands-on learning opportunities and a theological foundation for the practice of sports ministry within a variety of settings from cross-cultural missions and church plants to recreation/adventure sports, fitness/exercise programs, and coaching or camping.

This minor also prepares students for parachurch sports ministries such as Athletes in Action, Fellowship of Christian Athletes, Missionary Athletes International, Sports Friends, Surge International, Ignite International, Push the Rock, Climbing for Christ, and Score International.