

2019-2020 Houghton College Minors (by department)

Art Department.....	1
Biblical Studies, Theology and Philosophy Department	1
Biology Department.....	3
Business and Economics Department.....	4
Chemistry Department	8
Communication Department	8
Education Department.....	8
English and Writing Department	8
Global Studies Department.....	9
Greatbatch School of Music.....	12
History and Political Science Department	13
Interdisciplinary Studies Department	13
Mathematics Department	13
Online Programs	14
Physics, Computer Science and Engineering Department.....	15
Psychology and Criminal Justice Department.....	16
Sport, Recreation and Wellness Department	17

Art Department

Art Minor: 14 hours

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

Biblical Studies, Theology and Philosophy Department

Bible Minor: 12 hours

12 hours in Bible, numbered 200 or above.

Philosophy Minor: 12 hours

Required Courses	Credits
Choose at least one course from the following:	
PHIL 243 Ancient Philosophy	4
PHIL 244 Medieval Philosophy	4

<i>PHIL 245 Early Modern Philosophy</i>	4
<i>PHIL 246 Late Modern and Contemporary Philosophy</i>	4
<i>Additional Required Philosophy Courses</i>	
<i>8 hours of Philosophy electives</i>	8
<i>Total</i>	12

Religion Minor: 12–16 hours

Required Course	Credits
THEL/PHIL 255 Reason and Religious Belief	3
Electives	Credits
<i>Select two courses from the following:</i>	6–7
REL 221 Eastern Religions	3
REL 231 Judaism	3
INCL/MISS 360 Introduction to Islamic Studies	4
<i>Select additional courses from the following:</i>	3–6
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 II	3,3
Total	12–16

Sports Ministry Minor: 16 hours

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 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
Electives	Credits
<i>Select one course from the following:</i>	3
CRFM 341/342 Theological Explorations in Youth Cultures and Ministry I and II	3,3
THEL 313 Systematic Theology	3
<i>Select at least one course from the following*:</i>	3–4
INCL XXX Intercultural course recommended by department	1–4
MISS 242 Missions and the Global Church	4

SRWM 305 Sports Ministry Field Practicum**	2
SRWM 306 Principles of Coaching and Sport Management	3
SRWM 229 Outdoor Leadership Training	3
SRWM 240 Camps and Summer Programs	3
SRWM 241 Recreation and Tourism	2
CRFM 341/342 or THEL 313 (<i>whichever was not used in previous category</i>)	3
*For other options, see the director of this program.	
**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
Total	15–16

Theology Minor: 12 hours

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	12

World Religions Minor: 14 hours

Required Courses	Credits
REL 215 Islam: An Introduction	3
REL 221 Eastern Religions	3
REL 222 New Religious Movements	3
REL 231 Judaism	3
Total	14

Biology Department

Biology Minor: 12 hours

12 hours above BIOL 151, 152

Forestry Minor: 14 hours

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 mission organizations. The forestry program at Houghton College, which enjoys a largely forested campus, offers interested students an opportunity 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).

SUNY-ESF Ranger School Required Prerequisites (courses taken at Houghton College: 32 credits)	Credits
ECON 210 Principles of Microeconomics <i>or</i> ECON 211 Principles of Macroeconomics	3
BIOL 151 General Biology: Organisms to Ecosystems	4
BIOL, CHEM <i>or</i> PHYS – Science course with lab	4
MATH 181 Calculus 1 <i>or</i> MATH 170/171 Calculus I with Pre-calculus A and B <i>or</i> MATH 161 Calculus for the Life Sciences	4 <i>or</i> 4,4
English with focus on writing (e.g., Writing in Liberal Arts)	6
Electives (Suggested areas: psychology, sociology, computer science, public speaking)	12
Total	32–36
Forestry Minor – courses taken during fall semester at SUNY-ESF Ranger School – 14 credits transfer to Houghton College for minor.	Credits
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 Sensing and Geographic Information Technology	3
8 hours of additional coursework are included in the program but do NOT transfer back to Houghton.	

Business and Economics Department

Accounting Minor: 15 credits

Required Courses	Credits
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ACCT 211 Financial Accounting	3
ACCT 212 Managerial Accounting	3
ACCT 311 Intermediate Accounting I	3
ACCT 312 Intermediate Accounting II	3
<i>Choose 3 credits of ACCT electives</i>	3
Total	15

Business Administration Minor: 15 credits

Required Courses	Credits
ACCT 211 Financial Accounting <i>or</i> BADM 202 Accounting & Finance Principles	3
BADM 212 Principles of Management <i>or</i> BADM 201 Business Communication	3
BADM 213 Business Law I <i>or</i> BADM 214 Business Law II	3
BADM/COMM 218 Marketing Principles <i>or</i> BADM 315 Public Relations Principles	3
ECON 210 Principles of Microeconomics <i>or</i> ECON 211 Principles of Macroeconomics	3
Total	15

Economics Minor: 15 credits

Required Courses	Credits
ECON 210 Principles of Microeconomics	3
ECON 211 Principles of Macroeconomics	3
<i>Additional credits from ECON courses numbered 200 or above</i>	9
Total	15

This minor aims to develop a student's 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.

Human Resources Management Minor: 15 credits (Main Campus & Houghton Online)

Required courses	Credits
BADM 314 Human Resources Management (Prerequisite BADM 210 <i>or</i> 212)	3
BADM 345 Employment Law	3
BADM 450 Managing Total Rewards	3
BADM 446 Staffing & Performance Management	3
<i>Additional 3 credits selected from following:</i>	3

BADM 320 Leadership Development (3)	
BADM 414 Workplace Excellence (3)	
BADM 448 Employee Training & Development (3)	
BADM 475 Organizational Development (3)	
Total	15

Integrated Marketing Communication Minor: 15 credits (Main Campus & Houghton Online)

Required courses	Credits
BADM/COMM 218 Marketing Principles	3
BADM/COMM 312 Advertising Principles	3
BADM/COMM 315 Public Relations Principles	3
BADM 319 Marketing Research	3
<i>Additional 3 credits selected from following:</i>	3
BADM/COMM 304 Social Media Marketing <i>or</i> BADM 340 eCommerce (3) BADM/COMM 335 Integrated Marketing Communication (3) COMM 314 New Media and Society (3) PSY 218 Social Psychology (3)	
Total	15

Leadership Development Minor: 15 credits (Main Campus & Houghton Online)

Required courses	Credits
BADM 210 Fundamentals of Management <i>or</i> BADM 212 Principles of Management	3
BADM 320 Leadership Development	3
BADM 323 Leading Change	3
COMM 215 Interpersonal Communication	3
<i>Additional 3 credits selected from following:</i>	3
BADM 341 Work Team Dynamics (3) BADM 475 Organizational Development (3) COMM/PSY 330 Conflict Management (3) PSY 218 Social Psychology <i>or</i> PSY 301 Psychology of Personality (3)	
Total	15

Leadership Studies Minor: 14 credits

Required courses	Credits
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BADM 320 Leadership Development	3
<i>Additional 11 credits selected from the following (from at least two disciplines):</i>	11
BADM 201 Business Communication (3) BADM 212 Principles of Management (3) BADM 320 Leadership Development (3) COMM 215 Interpersonal Communication (3) COMM 216 Organizational Communication (3) COMM/PSY 330 Conflict Management (3) INCL 310 Intercultural Competencies (4) MBCM 320 Artist Management and Development Internship (1–4) MIN 317 Leadership in the Church (3) SRWM 229 Outdoor Leadership Training (3) THEL 320 Spiritual Formation (4) THEL 327 Church, Mission and Culture (3)	
Total	14

This cross-disciplinary minor in Leadership Studies can alternatively be earned by completing the LIFT (Leaders in Further Training) discipleship training program (run by Camp of the Woods) with the addition of BADM 320 Leadership Development. Students can earn 12 credits through this program.

Organizational Management Minor: 15 credits (Main Campus & Houghton Online)

Required Courses	Credits
BADM 202 Accounting and Finance Principles <i>or</i> ACCT 211 Financial Accounting	3
BADM 210 Fundamentals of Management <i>or</i> 212 Principles of Management	3
BADM 314 Human Resources Management	3
BADM 320 Leadership Development	3
<i>Additional 3 credits selected from following:</i>	3
BADM 303 Entrepreneurship (3) BADM 341 Work Team Dynamics (3) BADM 448 Employee Training & Development (3) BADM 475 Organizational Development <i>or</i> BADM 330 Operations Management (3)	
Total	15

An Organizational Management minor provides students from various majors with some of the background and expertise they may need for supervisory and administrative roles in various

organizations. In particular, it may prove helpful to those assuming duties in church, parachurch and other service organizations.

Chemistry Department

Chemistry Minor: 12 hours

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

Communication Department

Communication Minor: 12–15 hours

Required Courses	Credits
COMM 205 Intro to Communication Theory	3
Three additional courses with COMM prefix for at least 9 hours total	9–12
Total	12–15

Education Department

Education Minor: 14–16 hours

Required Courses	Credits
EDUC 219 Educational Psychology	3
EDUC 217 Education and American Culture	3
EDUC 234 Educating Exceptional Learners	3
Required courses total	9
Electives – Choose two of the following courses in consultation with an Education Department faculty member.	Credits
EDUC 114 Mathematical Concepts and Reasoning	4
EDUC 221 Children's Literature	3
EDUC 223 Adolescent Literature	3
EDUC 240 Teaching in Urban America	2
Elective Total	5–7

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 Department

English Minor: 12 hours

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

Writing Minor: 12 hours

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

Global Studies Department

French Minor, Self-Designed: 12–14 hours

A 12–14-hour self-designed minor with courses beyond the 102 level as determined by arrangement with the chair of Global Studies Department. 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 hours

A 12–14-hour self-designed minor with courses beyond the 102 level as determined by arrangement with the chair of the Global Studies Department. 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 Studies Minor

Twelve hours of coursework, of which at least 6 hours are in German language study at any level and at least 3 hours 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 (Choose at least 6 hours)	Credits
GERM 101 German Level 1	3
GERM 102 German Level 2	3
Higher-level German course as tutorial (with approval)	3
Culture Courses (Choose at least 3 hours)	Credits
ART 234 Art and Architecture in Europe: Germany	4
HIST 368 The Reformation	4
POLS/HIST 295 ST: Luther as Political Thinker	3
POLS/HIST/HUM 247: Switzerland: A Case Study in European History, Politics and Culture	3–4
POLS/HIST/HUM 348 ST: Vienna 1900: Politico-Cultural Crisis and Creativity	3–4
THEL 333 Major Figures in Theology: Bonhoeffer	3
<i>Other Approved Study-Abroad Courses</i>	1–4
Total	12

Global Health Minor: 14 hours

Required Courses	Credits
PSY 309 Statistics OR POLS 212 Social Science Research Methods*	4
BIOL 232 Epidemiology (Mayterm)	2

INCL 201 Introduction to Global Issues	3
Electives (<i>Choose from the courses below to complete the required credit hours. Please note the recommendations at the bottom.</i>)	Credits
INCL 310 Intercultural Competencies**	3
SRWM 237 Holistic Health	3
PHIL 240 Medical Ethics	3
ANTH/SOC 315 Human Ecology (East Africa only)	4
BIOL 2XX or higher (with advisement) (BIOL 380 Pathogenic Microbes recommended – has prerequisite)	4
Other courses under advisement and Department approval	
Total credits	14–16
<i>*Recommended before Epidemiology</i>	
<i>**Recommended for Biology majors and other non-INCL majors</i>	

The minor in Global Health is an introduction to the field of global public health, which entails options and policies within domestic and international contexts. Its purpose is to provide a Christian liberal arts perspective for understanding the domain of global health, which facilitates the well-being of communities and populations in a holistic and sustainable way. The minor has a common core for all students and is then structured from elective courses to best complement the student's major.

Intercultural Studies Minor: 12–13 hours

Required Courses	Credits
INCL 201 Introduction to Global Issues	3
INCL 243 Cultural Anthropology	3
INCL 310 Intercultural Competencies	3
Option A	
INCL 311 Intercultural Experience	0–4
Elective to total 12 credits (if INCL 310 is done for less than 3; any INCL/IDEV/ANTH course)	1–2
Total Credits in Minor (Option A)	12
Option B	
Corequisite: at least 3 credit hours of any modern world language	3
INCL 350 Culture Change and Globalization	4
Total Credits in Minor (Option B)	13

International Development Minor: 14–17 hours

Required Courses	Credits
INCL 201 Introduction to Global Issues	3
INCL 338 Issues in Development	4
INCL 346 Governance and Development	4
Optional Courses (Choose one of the following courses)	Credits
POLS 212 Social Science Research Methods	4
ECON 210 Principles of Microeconomics and ECON 211 Principles of Macroeconomics	3,3
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 350 Culture Change and Globalization	4
INCL 442 Globalization and Islamization	3–4
Total	14–17

The International Development minor equips students with basic critical-analytical skills and contextual knowledge needed to understand and address practical problems of sustainable development anywhere in the world. The minor is grounded in a Christian worldview and therefore pursues ideas and approaches to development that hold the promise of holistic transformation within communities and institutions and seeks to correct the injustices associated with poverty, oppression and inequality.

Missions Minor: 14–16 hours

Required Courses	Credits
MISS 241 History of the Global Christian Movement <i>or</i> THEL 221 History of Christianity I	3
MISS 242 Mission and the Global Church	4
MISS 243 Introduction to Missiological Foundations	4
Elective	Credits
Under advisement of Global Studies Chair (MISS, REL, LING, INCL, BIBL, THEL options)	3–4
Total	14–16

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. Students taking the Missions minor have majored (or double-majored) in everything from Bible, Music and Psychology to Education and more. Other minor options for missions careers include International Development and Islamic Studies. Everything about Houghton—the faculty, the missions representatives, the students, and the general campus and community ethos—points to excellent preparation for missions.

Most students who minor in Missions will include the highly recommended Cross-Cultural Field Experience in addition to the regular coursework.

Spanish Minor: 12–14 hours

12–14 hours of SPAN courses beyond SPAN 102. The minor may also include SPAN 205 Intermediate Spanish. No more than 4 hours of Intermediate Spanish may be applied.

Greatbatch School of Music

Applied Music Minor: 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	Credits
14 hours of applied music	14
2 hours of ensemble	2
Total	16
Piano Requirements	Credits
14 hours of piano	14
2 hours of ensemble	2
Total	16
Organ Requirements	Credits
14 hours of organ	14
2 hours of ensemble	2
Total	16
Keyboard	Credits
14 hours of piano and organ combined	14
2 hours of ensemble	2
Total	16

Elective Music Minor: 16 hours

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. 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 department is placed on file in the Registrar's Office.

Music Industry Minor: 17 hours

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 181 Practicum in Sound and Recording	0
Total	17

History and Political Science Department

History Minor: 14 hours

14 hours of history courses numbered 200 or above

Political Science: 14 hours

14 hours of POLS coursework

Interdisciplinary Studies Department

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

Houghton College students may participate in the Reserve Officer Training Corps (ROTC) 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 St. Bonaventure University 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.

American Language and Cultures Minor: 18 hours

Required Courses	Credits
IAE 122 Academic English Speaking	4
IAE 123 Academic English Writing	4
COMM 101 Presentational Speaking	2
WRIT 101 Writing in the Liberal Arts	4
HIST 220 American History Survey	4
Total	18

This minor is restricted to students whose primary language is not English.

Mathematics Department

Mathematics Minor: 12 hours

12 hours in mathematics courses numbered 182 and higher.

Online Programs

Human Resources Management Minor: 15 credits

Required courses	Credits
BADM 314 Human Resources Management (Prerequisite BADM 210 or 212)	3
BADM 345 Employment Law	3
BADM 450 Managing Total Rewards	3
BADM 446 Staffing & Performance Management	3
<i>Additional 3 credits selected from following:</i>	3
BADM 320 Leadership Development (3) BADM 414 Workplace Excellence (3) BADM 448 Employee Training & Development (3) BADM 475 Organizational Development (3)	
Total	15

Integrated Marketing Communication Minor: 15 credits

Required courses	Credits
BADM/COMM 218 Marketing Principles	3
BADM/COMM 312 Advertising Principles	3
BADM/COMM 315 Public Relations Principles	3
BADM 319 Marketing Research	3
<i>Additional 3 credits selected from following:</i>	3
BADM/COMM 304 Social Media Marketing or BADM 340 eCommerce (3) BADM/COMM 335 Integrated Marketing Communication (3) COMM 314 New Media and Society (3) PSY 218 Social Psychology (3)	
Total	15

Leadership Development Minor: 15 credits

Required courses	Credits
BADM 210 Fundamentals of Management or BADM 212 Principles of Management	3
BADM 320 Leadership Development	3
BADM 323 Leading Change	3
COMM 215 Interpersonal Communication	3
<i>Additional 3 credits selected from following:</i>	3

BADM 341 Work Team Dynamics (3)	
BADM 475 Organizational Development (3)	
COMM/PSY 330 Conflict Management (3)	
PSY 218 Social Psychology <i>or</i> PSY 301 Psychology of Personality (3)	
Total	15

Organizational Management Minor: 15 credits

Required Courses	Credits
BADM 202 Accounting and Finance Principles <i>or</i> ACCT 211 Financial Accounting	3
BADM 210 Fundamentals of Management <i>or</i> BADM 212 Principles of Management	3
BADM 314 Human Resources Management	3
BADM 320 Leadership Development	3
<i>Additional 3 credits selected from following:</i>	3
BADM 303 Entrepreneurship (3) BADM 341 Work Team Dynamics (3) BADM 448 Employee Training & Development (3) BADM 475 Organizational Development <i>or</i> BADM 330 Operations Management (3)	
Total	15

Physics, Computer Science and Engineering Department

Computer Science Minor: 16 hours

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	16

Data Science Minor: 14–16 hours

Required Courses	Credits
DSCI 211 Data Science I	4
DSCI 212 Data Science II	4
<i>Choose two of the following. At least one must be in programming or statistics.</i>	
CSCI 211 Programming I	4
CSCI 218 Programming II	4

BADM/PSY 309 Statistics	3,4
COMM 232 Introduction to Web Communication	4
ART/COMM 224 Time, Motion and Communication	4
ART 245 Graphic Design I	4
COMM 314 New Media and Society	4
An approved Special Topics course	2–4

Physics Minor: 12 hours

12 hours of PHYS courses numbered 200 or above.

Psychology and Criminal Justice Department

Family Studies Minor: 15 hours

Required Courses	Credits
PSY 230 Lifespan Development of the Family	3
SOC 237 Introduction to Marriage and Family Studies	3
Total	6
9 hours selected from following courses	Credits
PSY 325 Human Sexuality	3
PSY 326 Family Systems Theory through Film	3
SOC 330 Culture and Family	2
SOC 362 Gender Relations	2
SOC 297 Special Topics Courses (<i>preapproved by department chair</i>)	2 or 4
SOC 394 Internship in Family Studies	1–6
THEL 337 Theological Foundations of the Family	4
Total	9

The Family Studies minor is interdisciplinary, combining the fields of anthropology, sociology, psychology and religion. Special topics in other disciplines are also offered according to interest and demand. The minor is designed to provide students with adequate knowledge and skills 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.

Psychology Minor: 12–16 hours

At least four courses in psychology above PSY 111, totaling 12–16 hours. Statistics (PSY 309) is excluded if courses chosen for the minor total less than 15 hours.

Sociology Minor: 12 hours

12 hours above SOC 101.

Sport, Recreation and Wellness Department

Athletic Administration and Sports Management Minor: 16 hours

Required Courses	Credits
SRWM 221 Principles of Sport, Recreation and Wellness Management*	3
BADM 320 Leadership Development <i>or</i> SRWM 229 Outdoor Leadership Training**	3
Recommended Electives – <i>choose electives to total 16 hours as approved by advisor:</i>	
SRWM 314 Organization & Management of Athletics	3
SRWM 306 Principles of Coaching & Sports Management	3
SRWM 313 Sports Marketing & Communication	3
SRWM 270 Global Sports Culture	3
SRWM 295 ST: Strength & Conditioning	2
SRWM 295 ST: Personal Training	2
SRWM 295 ST: Sports Nutrition	2
SRWM 486/487/488 Practicum I, II, and/or III – <i>site location approved by instructor*</i>	1–3
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
Total	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 hours

Requirements	Credits
EQST 101 Introduction to Equestrian Studies	1
Equestrian electives (EQST 214 or above)	13
Total	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 hours of EQST courses may be counted towards graduation for students not majoring in Recreation with the equestrian options or minoring in Equestrian Studies.

Equine-Assisted Therapy Minor: 15 hours

Requirements	Credits
EQST 101 Introduction to Equestrian Studies	1
EQST 238 Equine Science I	2
EQST 231 Equine Facility Management I	2
EQST 222 Equestrian Pedagogy Methods	2
EQST 226 Foundations of Equine-Assisted Therapies	2
EQST 336 Methods and Materials of Equine-Assisted Therapies	2
Equestrian electives (EQST 214 or above)	4
Total	14

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 hours of EQST courses may be counted towards graduation for students not majoring in Recreation with the equestrian options or minoring in Equestrian Studies.

Health Promotion and Fitness Minor: 16 hours

Required Courses	Credits
SRWM 221 Principles of Sport, Recreation and Wellness Management*	3
SRWM 237 Holistic Health	3
<i>Current Certification</i> – SRWM 308 First Aid & Safety or CPR/AED for the Professional Rescuer and First Aid or Lifeguarding or WFA/WFR	0–2
Recommended Electives – choose electives to total 16 hours as approved by advisor	
SRWM 295 ST: Strength & Conditioning	2
SRWM 295 ST: Personal Training	2
SRWM 295 ST: Sports Nutrition	2
SRWM 314 Organization & Management of Athletics	3
SRWM 306 Principles of Coaching & Sport Management	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	
Total	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 (NCSF). Students are prepared for careers in health promotion, fitness instruction, strength & conditioning coaching, and personal training.

Recreation Minor: 16 hours

Required Courses	Credits
SRWM 221 Principles of Sport, Recreation and Wellness Management*	3
BADM 320 Leadership Development <i>or</i> SRWM 229 Outdoor Leadership Training**	3
<i>Current Certification – WFA/WFR recommended or CPR/AED for the Prof. Rescuer & First Aid or Lifeguarding or SRWM 308 First Aid & Safety*</i>	0–2
Recommended Electives – choose electives to total 16 hours as approved by advisor	
SRWM 240 Camps & Summer Programs	3
SRWM 241 Recreation & Tourism	3
SRWM 301 Outdoor & Experiential Education	3
SRWM 401 Natural Resource Management	3
SRWM 220 Adventure Sports	2
SRWM 104 Backpacking	1
BIO 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	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 hours

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
Select one course from the following:	Credits
CRFM 341 or 342 Theological Explorations in Youth Cultures and Ministry I or II	3
BADM 320 Leadership Development or SRWM 229 Outdoor Leadership Training**	3
Recommended Electives – choose electives to total 16 hours as approved by advisor	3–4
MISS 242 Missions and the Global Church	4
SRWM 270 Global Sports Culture	3
SRWM 305 Sports Ministry Field Practicum	2
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 341/342 (whichever was 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:	
CRFM 442 Internship in Christian Formation	3
MISS 311 Cross Cultural Field Experience	3–4
INCL 311 Intercultural Experience	1–4
Total	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.