

Department of Health, Recreation and Community Services

(College of Education)

www.uni.edu/coe/hpels

The Department of Health, Recreation and Community Services offers the following undergraduate and graduate programs and program certificates. Specific requirements for these programs are listed within the Department of Health, Recreation and Community Services, in the following order. **(Note:** The Doctor of Education Intensive Study Area in Allied Health, Recreation, and Community Services is under the College of Education and is listed below.)

College of Education -

- **Graduate Major (Ed.D.)**
 - Doctor of Education: Allied Health, Recreation, and Community Services intensive study area (p. 1) (to view all Doctor of Education requirements on the website go to www.uni.edu/catalog/collegeofeducation or for PDF version go to "College of Education" under "Interdisciplinary" section)

Interdisciplinary (p. 2) -

- **Undergraduate Major (B.A.)**
 - Environmental Resource Management (p. 2) (also listed in Department of Biology, Department of Earth and Environmental Sciences and Department of Geography)

Athletic Training (p. 7) -

- **Undergraduate Major (B.A.)**
 - Athletic Training and Rehabilitation Studies (p. 7)
- **Minors**
 - Athletic Training and Rehabilitation Studies (p. 8)
- **Masters of Athletic Training (M.A.T.R.)**

Public Health (p. 10) -

- **Undergraduate Major (B.A.)**
 - Public Health (p. 10)
- **Minors**
 - School (p. 11)Health Education-Teaching (p. 11)
 - Public Health (p. 12)
- **Program Certificates**
 - Business of Health Care Administration for Business Majors (p. 13) (also listed in College of Business Administration and Department of Economics)
 - Business of Health Care Administration for Non-Business Majors (p. 14) (also listed in College of Business Administration and Department of Economics)
 - Community Nutrition (p. 14)
 - Corporate Fitness (p. 15) (also listed in Department of Kinesiology)
 - Environmental Health (p. 15)

- Global Health and Humanitarian Assistance (p. 15)
- Women's Health (p. 15)

Recreation, Tourism and Nonprofit Leadership (p. 15) -

- **Undergraduate Major (B.A.)**
 - Recreation, Tourism and Nonprofit Leadership (p. 16)
- **Minor**
 - Recreation, Tourism and Nonprofit Leadership (p. 17)
- **Graduate Major (M.A.)**
 - Community Health and Recreation (p. 17)
- **Program Certificates**
 - Aquatics Specialization (p. 18) (also listed in Department of Kinesiology)
 - Nonprofit Management (p. 19)
 - Outdoor Recreation (p. 19)
 - School-Age Care Leadership (p. 20)
 - Tourism (p. 20)
 - Youth Work in Religious Settings (p. 21) (also listed in Department of Philosophy and World Religions)

Doctor of Education

The Doctor of Education Degree is one degree supervised through the College of Education. It can be completed with one of the following *Intensive Study Area* concentrations:

- *Allied Health, Recreation, and Community Services*
- *Curriculum and Instruction*
- *Educational Leadership*
- *Postsecondary Education: Student Affairs*

(See website www.uni.edu/catalog/collegeofeducation - for PDF version see listing for "College of Education" under the "Interdisciplinary" section of this university catalog.)

Students interested in the interdisciplinary Doctor of Education (Ed.D.) degree must submit a completed Application for Admission to Graduate Study and should refer to their MyUNiverse Student Center To-Do list. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

This program is intended to provide practicing educators, informal and nonformal settings, the opportunity to continue their study and earn the terminal professional degree in their field. The Ed.D. degree requires a **minimum of 48 semester hours of credit beyond the master's degree**. There are three components to the program:

Professional Common Core (work in educational foundations, fundamentals, and research)	24
Advanced Professional Study (in one of three areas of intensive study)	15

Dissertation	9
Total Hours	48

By design, *all* students are required to study in basic areas that undergird and define educational practice and develop skills of problem definition, data collection and analysis, and interpretation. The four areas of intensive study provide for a specialized focus on practice.

Note: Students interested in special education within the Curriculum and Instruction ISA or the Educational Leadership ISA should consult the respective ISA descriptions for further information.

In some areas, it is possible to combine doctoral degree study with work toward an endorsement to perform a particular role in K-12 education.

Brief definitions of the four ISAs follows:

Allied Health, Recreation, and Community Services

This area of intensive study is designed to provide students with advanced planning, management, supervision and evaluation of programs in the community and its institutions. The combined areas of allied health, recreation and community services are diverse professional areas knitted together by a unified commitment to enhancing, enriching and sustaining the individual and collective well-being of people, communities and society as a whole. Graduates are prepared for careers as applied scholars, evaluators, or practitioners in public and environmental health departments, recreation and tourism industry; allied health and social services agencies; the military, government, and non-governmental agencies; religious organizations; libraries and museums; and civic and professional associations. The program of study will be based upon students' needs, interests, and upon approval by an academic advisor and program of study committee. (For more information, contact the Head of the Department of Health, Recreation and community Services.)

Curriculum and Instruction

This area of intensive study is designed to prepare scholar practitioners to plan, implement, evaluate, and supervise educational programs for children, from infancy through adolescence, and adult learners, inclusive of a wide variety of diversity. Faculty in this intensive study area come from many departments and disciplines including, but not limited to, prekindergarten through tertiary curriculum and pedagogy; foundations of education in psychology, philosophy, social sciences; disability studies in education, gifted and talented, and multicultural education; literacy education; instructional technology, school library studies; and P-12 content areas such as mathematics, physical education, science, social studies, and language arts. Students interested in becoming special education scholar-practitioners to plan, implement, evaluate, and supervise educational programs for children and adult learners with an emphasis on inclusion and diversity will apply for admission through the Curriculum and Instruction Intensive Study Area. For more information see www.uni.edu/coe/departments/curriculum-instruction/graduate-study/doctoral-study.

Educational Leadership

This area of intensive study in education administration prepares personnel for leadership positions in PK-12 schools, post-secondary institutions, and other educational services or settings. Typical

positions held by educators with the terminal degree focused on educational leadership include: principals, superintendents, school district central office administrators, professors of educational leadership, special education directors at the Area Education Agency level or Department of Education administrators and consultants. Students interested in special education administration will apply for admission through Educational Psychology, Foundations, and Leadership Studies. (For more information, contact the Head, Department of Educational Psychology, Foundations, and Leadership Studies, or please see the catalog at www.uni.edu/catalog/collegeofeducation/edpsychfoundleadershipstudies or visit the Department of Educational Psychology, Foundations, and Leadership Studies website at <https://coe.uni.edu/epfls>.

Postsecondary Education: Student Affairs

This area of intensive study in postsecondary education prepares personnel for leadership positions in colleges and universities. Typical positions held by educators with the terminal degree focused on postsecondary education include: department heads, directors, vice presidents, professors, and consultants. (For more information, contact the Head, Department of Educational Psychology, Foundations, and Leadership Studies, or please see the catalog at www.uni.edu/catalog/collegeofeducation/edpsychfoundleadershipstudies or visit the Department of Educational Psychology, Foundations, and Leadership Studies website at <https://coe.uni.edu/epfls>.

Interdisciplinary

Bachelor of Arts Degree Program Environmental Resource Management Major

The Environmental Resource Management major is aimed at students searching for career options in the broadly-defined 'outdoor environment' that are related to natural resources, environmental systems, and sustainable development. This program will prepare students for careers in the environmental and human management of public and private spaces across differing categories of environmental systems - from public parks and lands to conservancy units managed by governmental and other non-profit agencies and organizations. This program aims to serve those students who do not wish to pursue careers as environmental scientists *per se* from more tightly focused 'environmental science' programs.

- **STUDENTS ARE REQUIRED TO TAKE THE CORE REQUIREMENTS (31 HOURS) AND MAY CHOOSE ONLY ONE OF THE FOUR SPECIALIZATION TRACKS (30-32 HOURS).**
- *Each track is composed of clusters of courses with a specific concentration, each of which has a separate hourly requirement.*
- *For purposes of this degree program, those prerequisite courses required by BIOL, EARTHSCI, GEOG, and RTNL for mid/upper-level courses in each Track THAT ARE NOT INCLUDED IN THE CORE REQUIREMENTS will normally be waived by the appropriate departments.*
- *The separate tracks allow students to specialize in the area of most general interest while the primary & secondary foci within each track make sure students also are exposed to a wide range of important auxiliary coursework.*
- A student with a major within Department of Biology **cannot** declare the B.A. Environmental Resource Management: Ecosystems Track.

- By permission of the Provost's Office, students enrolled in the B.A. Environmental Resource Management major will be considered majors in all four of the participating departments.

Core Requirements

BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science*	3
CHEM 1110 (860:044)	General Chemistry I	4
EARTHSCI 1300 (870:031)	Introduction to Geology	4
or		
GEOG 1210 (970:026) & GEOG 1211	Physical Geography and Physical Geography Laboratory	
EARTHSCI 3330/5330 (870:141g)	Geomorphology	4
GEOG 4260	Environmental Resource Management	3
GEOG 3310 (970:164)	Geographic Information Systems I	3
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
HIST 4170/5170	U.S. Environmental History	3
Total Hours		31

* For students pursuing the Environmental Resource Management B.A. degree, the Department of Biology will waive the BIOL 2052 (840:052) and CHEM 1120 (860:048) prerequisites for enrollment into BIOL 3100 (840:100).

Encouraged Certificates: Certificate programs that are appropriate to couple with the ERM major and help to expand specific, relevant experiences for students.

- GIS & Cartography (Department of Geography)
- Sustainability (Interdisciplinary)
- Outdoor Recreation (Department of Health, Recreation and Community Services)
- Tourism (Department of Health, Recreation and Community Services)
- Nonprofit Management Certificate (Department of Health, Recreation and Community Services)
- Environmental Health Certificate (Department of Health, Recreation and Community Services)
- Public History (Department of History)

Ecosystems Track

A total of 32 hours are needed for this track. There are 12 hours of required courses. In addition, student select courses from all three

elective categories (A, B, & C) to accumulate to a minimum of 20 hours. At least one course must be taken from each elective category.

Required

BIOL 4168/5168 (840:168g)	Ecology**	4
CHEM 1120 (860:048)	General Chemistry II	4
MATH 1140 (800:046)	Precalculus	4

Electives: 20

Category A - Content Management Related Courses (pick at least 1 course)

BIOL 4105/5105 (840:105g)	Wildlife Ecology and Management**	
BIOL 4108/5108	Biodiversity Conservation Policy**	
BIOL 4167/5167 (840:167g)	Conservation Biology**	
BIOL 4180/5180 (840:180g)	Restoration Ecology**	

Category B - Content Related Courses (pick at least 1 course)

BIOL 3112 (840:112)	Invertebrate Zoology*	
BIOL 3118	Marine Biology*	
BIOL 3170 (840:170)	Entomology*	
BIOL 4154/5154 (840:154g)	Aquatic Ecology**	
BIOL 4157/5157 (840:157g)	Biostatistics**	
BIOL 4164/5164 (840:164g)	Mammalogy**	
BIOL 4166/5166 (840:166g)	Plant Systematics**	
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)	
GEOG 4320/5320 (970:174g)	Geographic Information Systems II	

Category C - Cognates (pick at least 1 course)

EARTHSCI 1200 (870:021)	Elements of Weather	
ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects, Grants and Careers^	
GEOG 2210 (970:028)	Modern Climate Change: Evidence and Predictions	
GEOG 3210 (970:137)	Natural Hazards and Disasters	
GEOG 3220 (970:100)	Environmental Geography: Variable Topic^	
GEOG 4220/5220 (970:126g)	Soils and Landscapes	
GEOG 4240/5240 (970:155g)	The Ice Age^	
GEOG 4250/5250 (970:185g)	Laboratory Methods in Environmental Geography	
GEOG 4270/5270	Regional Landforms of North America	

Department of Health, Recreation and Community Services

GEOG 3179 (970:179)	Cooperative Education in Geography [^]
or BIOL 3179 (840:179)	Cooperative Education
or EARTHSCI 3430 (870:195)	Internship
or RTNL 4510	Internship in Recreation, Tourism and Nonprofit Leadership
or PH 4180	Internship
GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment
MGMT 3183	Leadership Skills [^]
MGMT 3185	Project Management [^]
RTNL 2120	Foundations of Tourism
RTNL 4553/5553	Trends and Issues in Outdoor Recreation
RTNL/HIST 4556	History of Outdoor Recreation
Total Hours	32

* * For students pursuing the Environmental Resource Management B.A. degree, the Department of Biology will waive BIOL 2052 (840:052) and CHEM 1120 (860:048) for BIOL 3000-level courses.

** ** For students pursuing the Environmental Resource Management B.A. degree, the Department of Biology will waive BIOL 3140 (840:140) as a prerequisite for BIOL 4000-level courses.

[^] These courses have additional prerequisites as follows:
 ENGLISH 4785/5785 (620:177g) has prerequisites of ENGLISH 2770 (620:077) and one of the following - INSTTECH 4170/5170 (240:170g), ART 3030 (600:125), ENGLISH 4765/5765 (620:102g), ENGLISH 4770/5770 (620:104g), ENGLISH 4775/5775 (620:105g), ENGLISH 4780/5780 (620:107g) or consent of instructor; junior standing.
 GEOG 3220 (970:100) has a prerequisite of GEOG 1120 (970:010) or GEOG 1210 (970:026) or GEOG 2210 (970:028) or GEOG 1110 (970:040) or consent of instructor.
 GEOG 4240/5240 (970:155g) has prerequisites of GEOG 1210 (970:026); GEOG 2210 (970:028); EARTHSCI 1300 (870:031); or consent of instructor; junior standing.
 MGMT 3183 and MGMT 3185 has a prerequisite of MGMT 3153 (150:153).
 GEOG 3179 (970:179) has prerequisites of 15 hours of geography at UNI; cumulative GPA of 2.50; junior standing; consent of department.
 RTNL 4320 has prerequisites of three (3) credit hours of RTNL 31XX; junior standing. For students pursuing the Environmental Resource Management major, Department of Health, Recreation and Community Services will waive the prerequisites of 3 hours of RTNL 31XX.
 RTNL 4510 has prerequisites of senior standing; consent of Internship Coordinator and a corequisite of RTNL 4520. For students pursuing the Environmental Resource Management major, Department of Health, Recreation and Community Services will waive this corequisite.
 PH 4180 has prerequisites of PH 3170; senior standing; 2.50 cumulative GPA; consent of Division of Health Promotion and Education Coordinator of Student Field Experiences.

Geosystems Track

A total of 30 hours are needed for this track, with a minimum of 21 hours from the Primary Focus group and 9 hours from the Secondary Focus group.

Electives

Primary Focus - Content Related Courses **21**

EARTHSCI 1200 (870:021)	Elements of Weather
EARTHSCI 3350/5350 (870:173g)	Environmental Hydrology [^]
EARTHSCI 3322	Earth Materials [^]
GEOG 2210 (970:028)	Modern Climate Change: Evidence and Predictions
GEOG 3210 (970:137)	Natural Hazards and Disasters
GEOG 3220 (970:100)	Environmental Geography: Variable Topic ^{* ^}
or	
EARTHSCI 3345/5345 (870:171g)	Environmental Geology ^{***}
GEOG 4220/5220 (970:126g)	Soils and Landscapes

GEOG 4230/5230 (970:129g)	Rivers
GEOG 4250/5250 (970:185g)	Laboratory Methods in Environmental Geography
GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment
RTNL 2130	Foundations of the Nonprofit Sector
RTNL 4553/5553	Trends and Issues in Outdoor Recreation
RTNL 4554/5554	Managing Recreation Impacts on the Natural Environment

Secondary Focus - Management Cognates 9

BIOL 4105/5105 (840:105g)	Wildlife Ecology and Management **
BIOL 4180/5180 (840:180g)	Restoration Ecology **
EARTHSCI 3325/5325 (870:136g)	Sedimentary Geology ****
EARTHSCI 3360/5360 (870:136g)	Field and Laboratory Methods in Hydrology
ECON 3225/5225 (920:123g)	Environmental Economics ^
ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects, Grants and Careers ^
GEOG 4170/5170 (970:168g)	Regional Analysis and Planning
GEOG 4240/5240 (970:155g)	The Ice Age *
GEOG 4270/5270	Regional Landforms of North America
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic) ^
GEOG 4320/5320 (970:174g)	Geographic Information Systems II ^
RTNL 2120	Foundations of Tourism
RTNL/HIST 4556	History of Outdoor Recreation
RTNL 4776/5776	Eco, Adventure and Sport Tourism
MGMT 3185	Project Management ^
POL AMER 3172/5172 (942:172)	Public Budgeting ^
BIOL 3179 (840:179)	Cooperative Education ^
or GEOG 3179 (970:179)	Cooperative Education in Geography
or EARTHSCI 3430 (870:195)	Internship
or RTNL 4510	Internship in Recreation, Tourism and Nonprofit Leadership
or PH 4180	Internship
Other courses as approved by advisors and program director	

Total Hours 30

* For students pursuing the Geosystems Track, the Geography Department will accept GEOG 1210 (970:026) and GEOG 1211 or EARTHSCI 1300 (870:031) as the prerequisite for enrollment into all listed Geography courses except GEOG 4310/5310 (970:170g) and GEOG 4320/5320 (970:174g).

** The Biology Department will waive BIOL 3140 (840:140) as a prerequisite for BIOL 4105/5105 (840:105g) and BIOL 4180/5180 (840:180g).

*** The Earth and Environmental Sciences Department will accept GEOG 1210 (970:026) and GEOG 1211 as substitutes for courses that require EARTHSCI 1300 (870:031).

**** The Earth and Environmental Sciences Department will waive the requirement of EARTHSCI 1320 (870:035) for EARTHSCI 3325/5325 (870:136g).

The Department of Health, Recreation and Community Services will waive RTNL 2120 as a prerequisite for RTNL 4776/5776.

^ These courses have additional prerequisites as follows:
 EARTHSCI 3322 has a prerequisite of EARTHSCI 1300 (870:031).
 EARTHSCI 3350/5350 (870:173g) has prerequisites of EARTHSCI 1300 (870:031); junior standing.
 GEOG 3220 (970:100) has a prerequisite of GEOG 1120 (970:010) or GEOG 1210 (970:026) or GEOG 2210 (970:028) or GEOG 1110 (970:040) or consent of instructor.
 ECON 3225/5225 (920:123g) has prerequisites of ECON 1041 (920:053), ECON 1051 (920:054); junior standing.
 ENGLISH 4785/5785 (620:177g) has prerequisites of ENGLISH 2770 (620:077); one of the following courses - INSTTECH 4170/5170 (240:170g), ART 3030 (600:125), ENGLISH 4765/5765 (620:102g), ENGLISH 4770/5770 (620:104g), ENGLISH 4775/5775 (620:105g), ENGLISH 4780/5780 (620:107g), or consent of instructor; junior standing.
 GEOG 4310/5310 (970:170g) has prerequisites of GEOG 3310 (970:164); junior standing.
 GEOG 4320/5320 (970:174g) has prerequisites of GEOG 3310 (970:164) or consent of instructor; junior standing.
 MGMT 3185 has a prerequisite of MGMT 3153 (150:153).
 POL AMER 3172/5172 (942:172) has prerequisites of POL AMER 1014 (942:014); POL AMER 1048 (942:048).
 GEOG 3179 (970:179) has prerequisites of 15 hours of geography at UNI; cumulative GPA of 2.50; junior standing; consent of department.
 RTNL 4510 has prerequisites of senior standing; consent of Internship Coordinator and a corequisite of RTNL 4520.
 For students pursuing the Environmental Resource Management major, the Department of Health Recreation and Community Services will waive this corequisite.
 PH 4180 has prerequisites of PH 3170; senior standing; 2.50 cumulative GPA; consent of Division of Health Promotion and Education Coordinator of Student Field Experiences.

Resource Administration Track

A total of 30 hours are needed for this track, with a minimum of 21 hours from the Primary Focus group and 9 hours from the Secondary Focus group.

Primary Focus - Content Related Courses 21

GEOG 2210 (970:028)	Modern Climate Change: Evidence and Predictions
GEOG 4170/5170 (970:168g)	Regional Analysis and Planning
GEOG 3210 (970:137)	Natural Hazards and Disasters
PH 3720/5720	Environmental and Occupational Health Regulations
RTNL 2130	Foundations of the Nonprofit Sector
RTNL 3337	Human Resource Development for Recreation, Tourism and Nonprofit Leadership
RTNL 4310/5310	Areas and Facilities in Recreation, Tourism and Nonprofit Leadership
RTNL 4554/5554	Managing Recreation Impacts on the Natural Environment
RTNL/HIST 4556	History of Outdoor Recreation
RTNL 4776/5776	Eco, Adventure and Sport Tourism

Secondary Focus - Cognates 9

BIOL 4167/5167 (840:167g)	Conservation Biology **
GEOG 4220/5220 (970:126g)	Soils and Landscapes
GEOG 4230/5230 (970:129g)	Rivers
GEOG 4250/5250 (970:185g)	Laboratory Methods in Environmental Geography
GEOG 4270/5270	Regional Landforms of North America
GEOG 4310/5310 (970:170g)	GIS Applications: (Variable Topic)
GEOG 4320/5320 (970:174g)	Geographic Information Systems II
GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment
ENGLISH 4775/5775 (620:105g)	Applied Writing: Specialized Documents ^
or ENGLISH 4785/5785 (620:177g)	Applied Writing: Projects, Grants and Careers
PH 3710/5710	Environmental Health Science
RTNL 2120	Foundations of Tourism
RTNL 4552/5552	Theory and Practice of Outdoor Education
RTNL 4553/5553	Trends and Issues in Outdoor Recreation
RTNL 4779/5779	Community Planning Workshop

MGMT 3185	Project Management ^
POL AMER 3172/5172 (942:172)	Public Budgeting ^
GEOG 3179 (970:179)	Cooperative Education in Geography ^
or BIOL 3179 (840:179)	Cooperative Education
or EARTHSCI 3430 (870:195)	Internship
or RTNL 4510	Internship in Recreation, Tourism and Nonprofit Leadership
or PH 4180	Internship
Other courses as approved by advisors and program director	
Total Hours	30

* * The Biology Department will waive BIOL 3140 (840:140) as a prerequisite for BIOL 4167/5167 (840:167g).

** ** The Geography Department and the Department of Health, Recreation and Community Services will waive RTNL 2120 as a prerequisite for enrollment into RTNL 4310/5310.

^ ^ These courses have additional prerequisites as follows: RTNL 4776/5776 has prerequisites of RTNL 2120 or consent of instructor; junior standing. ENGLISH 4775/5775 (620:105g) has prerequisites of MGMT 2080 (150:080) or ENGLISH 2770 (620:077) or consent of instructor; junior standing. ENGLISH 4785/5785 (620:177g) has prerequisites of ENGLISH 2770 (620:077); one of the following courses - INSTTECH 4170/5170 (240:170g), ART 3030 (600:125), ENGLISH 4765/5765 (620:102g), ENGLISH 4770/5770 (620:104g), ENGLISH 4775/5775 (620:105g), ENGLISH 4780/5780 (620:107g), or consent of instructor; junior standing. MGMT 3185 has a prerequisite of MGMT 3153 (150:153). POL AMER 3172/5172 (942:172) has prerequisites of POL AMER 1014 (942:014); POL AMER 1048 (942:048). GEOG 3179 (970:179) has prerequisites of 15 hours of geography at UNI; cumulative GPA of 2.50; junior standing; consent of department. RTNL 4510 has prerequisites of senior standing; consent of Internship Coordinator and a corequisite of RTNL 4520. For students pursuing the Environmental Resource Management major, the Department of Health, Recreation and Community Services will waive this corequisite. PH 4180 has prerequisites of PH 3170; senior standing; 2.50 cumulative GPA; consent of Division of Health Promotion and Education Coordinator of Student Field Experiences.

Environmental Compliance Track

A total of 32 hours need for this focus area, with 15 hours of required courses, a minimum of 10 hours from the Primary Focus group and 7 hours from the Secondary Focus group.

Required		
ECON 1041 (920:053)	Principles of Macroeconomics	3

ECON 1051 (920:054)	Principles of Microeconomics	3
ECON 3225/5225 (920:123g)	Environmental Economics	3
PH 3720/5720	Environmental and Occupational Health Regulations	3
PHIL 2550	Environmental Ethics	3
Primary Focus - Content Related Courses		10

EARTHSCI 1200 (870:021)	Elements of Weather	
EARTHSCI 1400	Introduction to Environmental Earth Science	
EARTHSCI 3230/5230 (870:123g)	Air Quality [^]	
EARTHSCI 3345/5345 (870:171g)	Environmental Geology *	
or		
GEOG 3220 (970:100)	Environmental Geography: Variable Topic	
EARTHSCI 3350/5350 (870:173g)	Environmental Hydrology *	

Secondary Focus - Cognates **7**

EARTHSCI 3240/5240 (870:124g)	Air Quality Modeling [^]	
EARTHSCI 3250/5250 (870:177g)	Measurement and Analysis of Air Quality ^{** ^}	
EARTHSCI 3325/5325 (870:136g)	Sedimentary Geology ^{***}	
EARTHSCI 3355/5355 (870:175g)	Hydrogeology *	
GEOG 4220/5220 (970:126g)	Soils and Landscapes	
GEOG 4230/5230 (970:129g)	Rivers	
GEOG 4370/5370 (970:173g)	Remote Sensing of the Environment	
PH 3710/5710	Environmental Health Science	
RTNL 4554/5554	Managing Recreation Impacts on the Natural Environment	
MGMT 3153 (150:153)	Organizational Management *	
MGMT 3185	Project Management [^]	
POL AMER 1048 (942:048)	Current and Emerging Issues in Public Administration	
GEOG 3179 (970:179)	Cooperative Education in Geography [^]	
or BIOL 3179 (840:179)	Cooperative Education	
or EARTHSCI 343 (870:195)	Internship	
or RTNL 4510	Internship in Recreation, Tourism and Nonprofit Leadership	
or PH 4180	Internship	

Other courses as approved by advisors and program director

Total Hours **32**

- * * The Earth and Environmental Sciences Department will accept GEOG 1210 (970:026) and GEOG 1211 as a substitute for courses that require EARTHSCI 1300 (870:031).
- ** ** The Earth and Environmental Sciences Department will waive EARTHSCI 3230/5230 (870:123g) as a prerequisite for enrollment into EARTHSCI 3250/5250 (870:177g).
- *** ** The Earth and Environmental Sciences Department will waive the requirement for EARTHSCI 1320 (870:035) for EARTHSCI 3325/5325 (870:136g).
- [^] These courses have additional prerequisites as follows: GEOG 3220 (970:100) has a prerequisite of GEOG 1120 (970:010) or GEOG 1210 (970:026) or GEOG 2210 (970:028) or GEOG 1110 (970:040) or consent of instructor. EARTHSCI 3240/5240 (870:124g) has prerequisites of EARTHSCI 1200 (870:021); junior standing. EARTHSCI 3250/5250 (870:177g) has prerequisites of EARTHSCI 1200 (870:021); junior standing and a prerequisite or corequisite of EARTHSCI 3230/5230 (870:123g). MGMT 3185 has a prerequisite of MGMT 3153 (150:153). GEOG 3179 (970:179) has prerequisites of 15 hours of geography at UNI; cumulative GPA of 2.50; junior standing; consent of department. RTNL 4510 has prerequisites of senior standing; consent of Internship Coordinator and a corequisite of RTNL 4520. For students pursuing the Environmental Resource Management major, the Department of Health, Recreation and Community Services will waive this corequisite. PH 4180 has prerequisites of PH 3170; senior standing; 2.50 cumulative GPA; consent of Division of Health Promotion and Education Coordinator of Student Field Experiences.

Athletic Training Bachelor of Arts Degree Program Athletic Training & Rehabilitation Studies Major

The Athletic Training & Rehabilitation Studies major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

The Athletic Training & Rehabilitation Studies major is designed to prepare students to become healthcare professionals. The curriculum prepares students for entry into professional healthcare programs. The curriculum is based upon cognitive and psychomotor learning experiences.

All students should first indicate their interest in majoring in the Athletic Training & Rehabilitation Studies major any time after their general admission to UNI is complete by submitting the "Declaration of Curriculum" form, and indicating Athletic Training

Department of Health, Recreation and Community Services

& Rehabilitation Studies major. Then, students should contact the Department of Health, Recreation and Community Services Academic Advisor.

All program information is available at the athletic training program office (003 HPC) or our website www.uni.edu/athletic-training.

Required Core:

Athletic Training:

AT 1010 (42T:023)	Introduction to Athletic Training & Clinical Healthcare	3
AT 2000	Clinical Healthcare Experience	1
AT 3020	Clinical & Gross Human Anatomy	3
AT 3030	Acute Care	3
AT 3040 (42T:137)	Foundations of Orthopedic Injury Assessment & Pathology I	3
AT 3050 (42T:134)	Foundations of Orthopedic Injury Assessment & Pathology II	3
AT 4070	Foundations of Therapeutic Interventions & Rehabilitation	3
AT 4130	General Medical Conditions	3
AT 4160	Evidence Based Practice in Health Care	3

Biology:

BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
BIOL 3101 (840:101)	Anatomy and Physiology I *	4
BIOL 3102 (840:102)	Anatomy and Physiology II	4

Chemistry and Biochemistry:

CHEM 1110 (860:044)	General Chemistry I	4
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Mathematics:

STAT 1772 (800:072)	Introduction to Statistical Methods	3
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Physics:

PHYSICS 1511 (880:054)	General Physics I	4
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Electives:

Select a minimum of 6 hours of the following: 6

Public Health:

PH 1101	Introduction to Public Health	
PH 2130	Epidemiology of Human Diseases	
PH 2160	Medical Terminology, Short Course	
PH 2420	Nutrition for Health Promotion **	
PH 3310/5310	Cultural Competency for the Helping Professions	
PH 3330/5330	Minority Health	
PH 3340/5340	International Health	

Physical Education:

PEMES 3151 (420:151)	Biomechanics	
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PEMES 3153 (420:153)	Physiology of Exercise	
PEMES 3157 (420:157)	Sports Nutrition	
Total Hours		54

* BIOL 3101 (840:101) Anatomy and Physiology I prerequisites are not required for Athletic Training & Rehabilitation Studies majors.

** PH 2420 has a prerequisite of PH 1410.

Athletic Training and Rehabilitation Studies Minor

The Athletic Training and Rehabilitation Studies minor is intended to complement existing majors by offering students a blend of foundational health care concepts and hands-on learning. The minor is designed for students considering a career in clinical health care or for those who would simply like to broaden their educational experience with a background in clinical healthcare.

The Athletic Training and Rehabilitation Studies minor requires a minimum of 15 hours to complete. This total includes 12 credits of required courses and three credits of electives offered within the Athletic Training and Rehabilitation Studies major. While pursuing this minor, students will have the opportunity to participate in clinical experiences while observing and learning alongside practicing health care professionals such as athletic trainers, physical therapists, and other practitioners.

Students can declare this minor at any time throughout their academic progression once they are admitted to UNI. Although students should typically allow four semesters to complete the 15 credits, this can vary depending on course offerings and availability.

The first step is to submit the "Declaration of Curriculum" form, and indicating Athletic Training and Rehabilitation Studies minor. Then, students should contact a Department of Health, Recreation and Community Services Academic Advisor.

Choose from any of the following: 15

AT 1010 (42T:023)	Introduction to Athletic Training & Clinical Healthcare	
AT 3020	Clinical & Gross Human Anatomy	
AT 3030	Acute Care	
AT 3040 (42T:137)	Foundations of Orthopedic Injury Assessment & Pathology I	
AT 4070	Foundations of Therapeutic Interventions & Rehabilitation	
AT 4130	General Medical Conditions	
Athletic Training and Rehabilitation Studies major elective (up to 3 hours)		
Total Hours		15

Masters of Athletic Training Degree

Academic Standard Policy

Major Requirements

General Explanation: UNI offers a Professional Graduate Athletic Training major or a Masters of Athletic Training, which is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Students interested in pursuing this major must apply and be formally admitted to this program. Students should apply for the Masters of Athletic Training program through the Graduate College and Admissions. Program admission is based on undergraduate GPA, completion of prerequisite courses, program application materials, and admission to the Graduate College. Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Athletic Training (within the Department of Health, Recreation and Community Services) for program application materials or for any other application requirements. Graduate information and application for graduate study admission can be found at www.grad.uni.edu/admission. Applications will begin to be reviewed no later than October 1 of each year.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

1. **Prerequisite courses required:** A Bachelor's degree must be earned prior to entry into the Masters of Athletic Training. Additional prerequisite undergraduate courses (or equivalent) include: General Biology: Cell Structure & Function; General Chemistry I; Physics I; Statistics; Developmental Psychology, Abnormal Psychology OR Dynamics of Development; and Anatomy and Physiology Physiology I & II with a laboratory components. Additionally, students need to be First Aid and CPR certified prior to beginning the Masters of Athletic Training program. A grade of a C or better must be attained in all prerequisite courses. All pre-requisite courses must have been completed within last 10 years.
2. **Application requirements for all students:** To be admitted to the UNI Masters of Athletic Training Program, students must complete the application process. The following list of items are required as part of the application process. *Students are responsible for all costs associated with application process.*
 - a. Achieved a bachelor's degree
 - b. Completion of course prerequisites as listed above
 - c. Application forms: UNI Admissions Office and Athletic Training via ATCAS (online national centralized application system)
 - d. CPR certification for the Professional Rescuer
 - e. First Aid Certification
 - f. 50 hours of athletic training observation experience
 - g. OSHA/Blood-borne pathogen certification (This must be obtained *before* beginning any clinical experience. This training is offered free of charge at UNI every semester.)
 - h. Technical standards form
 - i. Criminal background check

- j. For international students whose native language is not English, official TOEFL scores are required unless a baccalaureate degree was completed at a university or college where the primary language of instruction is English.
- k. Undergraduate cumulative GPA of 3.0 or greater
 - l. Personal statement
 - m. Three letters of recommendation
3. **Application Process:**
 - a. Obtain the application documents from the Admissions website, and ATCAS
 - b. Submit all materials to Graduate Admissions
 - c. Students must be admitted prior to the beginning of the summer session in order to join that year's cohort
4. A committee of faculty, staff, and students will be assigned to the acceptance committee and will review the applications.
5. Upon acceptance into the Masters of Athletic Training program, a student must do the following within 30 days of notification of acceptance:
 - a. Send a letter of acceptance via email to the Athletic Training Graduate Program Director.
 - b. Begin the Hepatitis B Vaccination series or sign the waiver form.
 - c. Complete all other paper work available at the AT program office.
 - d. Maintain current CPR, OSHA, and First Aid certifications and child mandatory reporter training.
 - e. Become a student member of the NATA (\$80/year)
 - f. Maintain professional liability insurance (\$38/year)
6. To graduate from UNI with a Masters of Athletic Training major, students must:
 - a. Maintain a 3.00 cumulative GPA and 3.00 major GPA
 - b. Complete a clinical experience each semester
 - c. Complete the Masters of Athletic Training academic major. This includes that a student be enrolled in the athletic training program for a minimum of four semesters.
7. All other program information is available at the athletic training program office (003 HPC) or our website www.uni.edu/athletic-training.

Athletic Training Major

The Masters of Athletic Training major requires a minimum of 60 total hours to graduate.

The Masters of Athletic Training major is designed to prepare students to become athletic training professionals. It prepares students for the Board of Certification Examination as well as eligibility for an Athletic Training State License Credential. The curriculum is based upon cognitive and psychomotor learning experiences. The athletic training program is accredited by the Commission on the Accreditation of Athletic Training Education (CAATE).

The Graduate Record Examination (General Test) is **not** required for admission to the program.

Department of Health, Recreation and Community Services

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This degree is offered on the **non-thesis** option. Acceptable non-thesis projects include critically appraised topics, interrelated series of research proposals, conducting an empirical study, or a problem-based analysis of the literature, each of which require an extensive writing component.

A **minimum of 60 semester credit hours** is required. The non-thesis option requires 3 hours of AT 6299 (42T:299). **A minimum of 21 semester hours at the 6000-level is required.**

A cumulative grade index of 3.00 (B average) must be earned in all courses required for the degree or applying to the degree. No more than six (6) semester hours of *C* credit (*C+*, *C*, *C-*) may be applied toward credit for graduation. When *C*-range grades on the advisement report exceed the six hour limit, one or more of such courses *must* be repeated. A course taken to satisfy degree requirements in which a student receives a *D+*, *D*, *D-* or *NC* grade will not be considered satisfactory and *must* be repeated. **The original grade for any repeated course will be included in the computation for the Plan GPA, as well as in the overall cumulative GPA.**

Prerequisite Core:		26
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
BIOL 3101 (840:101)	Anatomy and Physiology I (or equivalent)	4
BIOL 3102 (840:102)	Anatomy and Physiology II (or equivalent)	4
CHEM 1110 (860:044)	General Chemistry I	4
PHYSICS 1511 (880:054)	General Physics I	4
STAT 1772 (800:072)	Introduction to Statistical Methods	3
PSYCH 2202 (400:120)	Developmental Psychology	3
	or PSYCH 3403/5403 Abnormal Psychology (400:142g)	
	or EDPSYCH 2030 Dynamics of Human Development (200:030)	

Athletic Training Courses:

AT 6000	Integrated Clinical Experiences (minimum 11 hours, but may be repeated for a maximum of 13 hours over 4-6 semesters)	11-13
AT 6030	Advanced Acute Care in Athletic Training	3
AT 6032	Advanced Acute Care Clinical Skills	1
AT 6060	Athletic Training Organization & Professional Responsibility	3
AT 6070	Advanced Therapeutic Interventions I	3
AT 6072	Advanced Therapeutic Interventions I Clinical Skills	1
AT 6080	Advanced Therapeutic Interventions II	3

AT 6082	Advanced Therapeutic Interventions II Clinical Skills	1
AT 6100	Advanced Clinical Anatomy	3
AT 6130	General Medical Assessment & Intervention	3
AT 6150	Advanced Athletic Training Clinical Skills	2
AT 6210 (42T:210)	Pathoetiology and Orthopaedic Assessment I	3
AT 6215	Pathoetiology and Orthopaedic Assessment I Clinical Skills	1
AT 6220 (42T:220)	Pathoetiology and Orthopaedic Assessment II	3
AT 6225	Pathoetiology and Orthopaedic Assessment II Clinical Skills	1
AT 6255	Health Assessment & Preventive Practices	3
AT 6260 (42T:250)	Gross Human Anatomy & Orthopedic Surgical Interventions	3
AT 6275	Mental Health Care in Athletic Training Practice	3
Kinesiology, Allied Health, & Human Services, Interdepartmental: 6 credits		
KAHHS 6210	Quantitative Methods in KAHHS	3
KAHHS 6290	Research Methods for KAHHS	3
Research: 3 credit hours (Non-thesis)		
AT 6299 Research		3
Total hours		60-62

Public Health

Bachelor of Arts Degree Programs

Public Health Major

The Public Health major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours. Liberal Arts Core courses included in major program requirements are distinguished by italics.

Tracks include the following:

Community Health (41 credits)

Environmental Health Science (46 credits)

Public Health specialists seek to improve the health of the general public through education, behavior change and improvement of the environment. Students in the program develop the skills to plan, implement and evaluate programs in a variety of settings, which may include health departments, corporate wellness sites, hospitals/clinics, fitness facilities, nonprofit organizations, international relief organizations, nursing homes, colleges/universities, and private industry.

The curriculum is tailored to meet national competencies and prepares students to sit for the National Certified Health Education Specialist (CHES) exam or the Registered Environmental Health Specialist

(REHS) exam. Students will take classes on environmental health science, epidemiology (how diseases are spread), nutrition, cultural competency, and how to address risky lifestyle behaviors (i.e., tobacco/alcohol/substance abuse, lack of physical activity, poor nutrition and unintentional injuries, high levels of stress, and unsafe sexual behaviors).

All students are encouraged to meet with their faculty advisor to discuss their career goals and aspirations and possible certificate options to gain expertise in specific public health areas.

A student may declare more than one track within the Public Health major. The Environmental Health Science track requires 3 hours of PH 4180 Internship PH 4180 Internship and 3 hours of PH 4170 Senior Project ; the Community Health track requires 6 hours of PH 4180 Internship and 3 hours of PH 4170 Senior Project . If a student chooses the Environmental Health track and the Community Health track, those students will complete 3 hours of PH 4180 Internship in Environmental Health and 3 hours PH 4180 Internship in Community Health and 3 hours of PH 4170 Senior Project . Students who complete a major in either Chemistry, Biology, or Biochemistry who double major in Public Health are waived from the requirements of PH 3170 Internship Seminar , PH 4170 Senior Project and PH 4180 Internship. Students should speak with their advisor regarding these options in advance.

Environmental Health Science (EHS) track and Community Health (CH) track

Required Core: 24 credits (EHS) or 27 credits (CH)		
PH 1101	Introduction to Public Health	3
PH 1410	Basic Nutrition	3
PH 2130	Epidemiology of Human Diseases	3
PH 3170	Internship Seminar	3
PH 3310/5310	Cultural Competency for the Helping Professions	3
PH 3710/5710	Environmental Health Science	3
PH 4170	Senior Project	3
PH 4180	Internship (3 hrs. EHS or 6 hrs. CH)	3 or 6

Environmental Health Science Core (EHS): 22 credits		
Public Health:		
PH 3720/5720	Environmental and Occupational Health Regulations	3
PH 3730/5730	Toxins and Health	3
Biology:		
BIOL 1033 (840:033)	Principles of Microbiology	4
BIOL 2052 (840:052)	General Biology: Cell Structure and Function	4
Chemistry:		
CHEM 1010 (860:010)	Principles of Chemistry	4
CHEM 2040	Applied Organic and Biochemistry	4
Total EHS:	24 credits (core) + 22 credits (track)	46

(CHEM 1110 (860:044) AND CHEM 1120 OR CHEM 1130 can be substituted for CHEM 1010 (860:010). CHEM 2210 (860:120) AND CHEM 2220 can be substituted for CHEM 2040. BIOL 3151 (840:151) can be substituted for BIOL 1033 (840:033).

Community Health Core (CH):		
PH 3140/5140	Planning and Evaluating Public Health Programs	4
PH 3150/5150	Implementation and Advocacy in Public Health Programs	4

Community Health Electives (CH) choose 6 credits from the following:		
PH 1610	Exploring Careers in Public Health	
PH 2420	Nutrition for Health Promotion	
PH 2430	Food and Nutrition Practicum	
PH 2520	Maternal and Infant Health	
PH 2530	Introduction to Women's Health	
PH 2540	Selected Topics in Women's Health	
PH 2620	Stress and Coping	
PH 2630	Aging and Health	
PH 3320/5320	Global Service Mission	
PH 3330/5330	Minority Health	
PH 3340/5340	International Health	
PH 3640/5640	Worksite Health Promotion	
PH 3650	Complementary, Alternative, and Integrative Health	
PH 3670	Health Care and the Consumer	
PH 3720/5720	Environmental and Occupational Health Regulations	
PH 3730/5730	Toxins and Health	
PH 3740/5740	Environmental Health, Field Methods, Technology, and Laboratory Applications	
Total CH:	27 credits (core) + 14 credits (track)	41

Minors School Health Education Minor-Teaching

Current First Aid and CPR certification is required of all minors prior to student teaching.

With the appropriate choice of courses, the School Health Education Minor-Teaching leads to the following endorsements:

5-12 Health Endorsement #138		
Methods course:		
PH 3245	Secondary School Health Education Methods and Curriculum	4
Applied Human Sciences, School of:		
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality	3
Public Health:		

Department of Health, Recreation and Community Services

CAP/PH 3160 or PH 1101	Community and Public Health Introduction to Public Health	3
PH 2620 or EDPSYCH 4118/5118	Stress and Coping Mental Health and Well-Being in the Classroom (200:118g)	3
PH 3230 or PSYCH 3102/5102	Drug Prevention Education for School Health Educators Drugs and Individual Behavior (400:170g)	2-3
or SW 4171/5171	Addictions Treatment (450:171g)	
Kinesiology:		
PEMES 2053 (420:053) or PH 1410	Physical Activity and Nutrition for Health and Fitness Basic Nutrition	3
KAHHS 1020 or KAHHS 1030 or PH 3670	Dimensions of Wellbeing Lecture Dimensions of Wellbeing Lab Health Care and the Consumer	1-2
Electives: remaining hours of health-related electives for the 5-12 endorsement		5-7
Approved electives:		
EDPSYCH 2030 (200:030)	Dynamics of Human Development	
PEMES 2019	First Aid and CPR for Physical Educators	
PEMES 2050 (420:050)	Anatomy and Physiology of Human Movement	
PEMES 3151 (420:151)	Biomechanics	
PEMES 3153 (420:153)	Physiology of Exercise	
PEMES 4152 (420:152g)	Adapted Physical Education	
Other electives approved by the Public Health program.		
Total Hours		26

K-8 Health Endorsement #137

Methods course:

KAHHS 2045	Health and Physical Education for Elementary Teachers	3
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Applied Human Sciences, School of:

FAM SERV 1020 (31F:020)	Family Relationships	3
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Public Health:

CAP/PH 3160 or PH 1101	Community and Public Health Introduction to Public Health	3
PH 2620 or EDPSYCH 4118/5118	Stress and Coping Mental Health and Well-Being in the Classroom (200:118g)	3
PH 3230 or PSYCH 3102/5102	Drug Prevention Education for School Health Educators Drugs and Individual Behavior (400:170g)	2-3

or SW 4171/5171 (450:171g)	Addictions Treatment	
Kinesiology:		
PEMES 2053 (420:053) or PH 1410	Physical Activity and Nutrition for Health and Fitness Basic Nutrition	3
KAHHS 1020 or KAHHS 1030 or PH 3670	Dimensions of Wellbeing Lecture Dimensions of Wellbeing Lab Health Care and the Consumer	1-2
Electives: Remaining hours of health-related electives for the K-8 endorsement		6-8
Approved electives:		
EDPSYCH 2030 (200:030)	Dynamics of Human Development	
PEMES 2019	First Aid and CPR for Physical Educators	
PEMES 2050 (420:050)	Anatomy and Physiology of Human Movement	
PEMES 3151 (420:151)	Biomechanics	
PEMES 3153 (420:153)	Physiology of Exercise	
PEMES 4152 (420:152g)	Adapted Physical Education	
Other electives approved by the Public Health program.		
Total hours		26

Public Health Minor

Required:

Public Health:

PH 1101	Introduction to Public Health	3
PH 1410	Basic Nutrition	3
PH 2130	Epidemiology of Human Diseases	3
PH 3140/5140	Planning and Evaluating Public Health Programs	4
PH 3150/5150	Implementation and Advocacy in Public Health Programs	4
PH 3710/5710	Environmental Health Science	3

Total Hours **20**

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Health, Recreation and Community Services or the Office of the Registrar, which serves as the centralized registry.

Certificate in Business Of Health Care Administration for Business Majors

The interdisciplinary Business of Health Care certificate for Business Majors includes courses which develop basic business skills for students desiring business careers in health care. Both nonprofit and for-profit health institutions such as clinics, hospitals, insurance companies, medical offices, and long-term care facilities require employees with business skills. Business professionals manage employees, manage finances, raise funds, reduce and manage risk, work with or for insurance companies, and seek ways to provide effective and cost-efficient care. Requires completion of any business major.

Required:

Accounting:

ACCT 2120 (120:030)	Principles of Financial Accounting	3
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Economics:

ECON 2140	Health Economics *	3
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Public Health and Education:

PH 1101	Introduction to Public Health	2-3
or CAP 3160	Community and Public Health (CAP:160)	

PH 3670	Health Care and the Consumer	2
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Economics electives (one of the following):

ECON 3217/5217 (920:116g)	Economics of Labor Markets *	3
ECON 3221/5221 (920:117g)	Public Finance *	
ECON 3229/5229 (920:125g)	Cost-Benefit Analysis *	
ECON 3231/5231 (920:128g)	Law and Economics *	

Electives (two of the following):

Anthropology:		6
ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing *	

Capstone courses:

CAP 3173/RELS 3510 (640:173)/PHIL 3510	Bio-Medical Ethics	
CAP 3194/RELS 3110 (640:194)/PHIL 3110	Perspectives on Death and Dying	

Criminology:

CRIM 3369	Drugs and Society *	
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Family Services:

FAM SERV/GERO 3161	Families, Alzheimer's and Related Dementias	
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Finance:

FIN 3050 (160:162)	Risk Management and Insurance	
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Gerontology:

GERO/FAM SERV 2111	Families and End of Life Issues
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Philosophy:

PHIL/RELS 3110	Perspectives on Death and Dying
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Political Science:

POL AMER 1048 (942:048)	Current and Emerging Issues in Public Administration
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Psychology:

PSYCH 3303/5303 (400:154g)	Health Psychology *
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Public Health and Education:

PH 2630	Aging and Health
PH 2620	Stress and Coping
PH 3320/5320	Global Service Mission
PH 2530	Introduction to Women's Health
PH 3330/5330	Minority Health
PH 3640/5640	Worksite Health Promotion
PH 3340/5340	International Health
PH 3720/ENV SCI 4666/5666 (830:166g)	Environmental and Occupational Health Regulations

Sociology:

SOC 3035/5035 (980:125g)	Social Gerontology *
SOC 3086/5086	Medical Sociology *

Total Hours **19-20**

* The following courses have additional prerequisites: ECON 2140 has prerequisites ECON 1031 (920:024) or ECON 1041 (920:053) or ECON 1051 (920:054). ECON 1031 (920:024) can be used to satisfy Liberal Arts Category 5B. ECON 3217/5217 (920:116g), ECON 3221/5221 (920:117g), ECON 3229/5229 (920:125g), and ECON 3231/5231 (920:128g) have prerequisites of both ECON 1041 (920:053) and ECON 1051 (920:054). ANTH 3102/5102 (990:168g) has prerequisite of SOC 1000 (980:001) or ANTH 1002 (990:011). SOC 1000 (980:001) or ANTH 1002 (990:011) can be used to satisfy Liberal Arts Category 5A. CRIM 3369 has prerequisite of SOC 1000 (980:001). SOC 1000 (980:001) can be used to satisfy Liberal Arts Category 5A. PSYCH 3303/5303 (400:154g) has prerequisite of PSYCH 1001 (400:001). PSYCH 1001 (400:001) can be used to satisfy Liberal Arts Category 5B. SOC 3035/5035 (980:125g) and SOC 3086/5086 have prerequisite of SOC 1000 (980:001) or SOC 1060 (980:060). SOC 1000 (980:001) can be used to satisfy Liberal Arts Category 5A. SOC 1060 (980:060) can be used to satisfy Liberal Arts Category 5C.

Certificate in Business Of Health Care Administration for Non-Business Majors

The interdisciplinary Business of Health Care Administration certificate for Non-Business majors includes courses which develop basic business skills for students desiring business careers in health care. Both nonprofit and for-profit health institutions such as clinics, hospitals, insurance companies, medical offices, and long-term care facilities require employees with business skills. Business professionals manage employees, manage finances, raise funds, reduce and manage risk, work with or for insurance companies, and seek ways to provide effective and cost-efficient care.

Required:

Accounting:

ACCT 2120 (120:030)	Principles of Financial Accounting	3
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Economics:

ECON 1031 (920:024)	Introduction to Economics	3
or ECON 1041 (920:053)	Principles of Macroeconomics	

ECON 2140	Health Economics *	3
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Public Health and Education:

PH 1101	Introduction to Public Health	2-3
or CAP 3160 (CAP:160)	Community and Public Health	

PH 3670	Health Care and the Consumer	2
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Elective(s) from the following (select one if major or minor requires no economics; select two if major or minor requires economics):		3-6
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Anthropology:

ANTH 3102/5102 (990:168g)	Culture, Disease, and Healing *	
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Capstone courses:

CAP 3173/RELS 3510 (640:173)/PHIL 3510	Bio-Medical Ethics	
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CAP 3194/RELS 3110 (640:194)/PHIL 3110	Perspectives on Death and Dying	
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Criminology:

CRIM 3369	Drugs and Society *	
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Family Services:

FAM SERV/GERO 3161	Families, Alzheimer's and Related Dementias	
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Finance:

FIN 3050 (160:162)	Risk Management and Insurance	
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Gerontology:

GERO/FAM SERV 2111	Families and End of Life Issues	
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Philosophy:

PHIL/RELS 3110	Perspectives on Death and Dying	
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Political Science:

POL AMER 1048 (942:048)	Current and Emerging Issues in Public Administration	
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Psychology:

PSYCH 3303/5303 (400:154g)	Health Psychology *	
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Public Health and Education:

PH 2630	Aging and Health	
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PH 2620	Stress and Coping	
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PH 3320/5320	Global Service Mission	
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PH 2530	Introduction to Women's Health	
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PH 3330/5330	Minority Health	
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PH 3640/5640	Worksite Health Promotion	
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PH 3340/5340	International Health	
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PH 3720/ENV SCI 4666/5666 (830:166g)	Environmental and Occupational Health Regulations	
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Sociology:

SOC 3035/5035 (980:125g)	Social Gerontology *	
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SOC 3086/5086	Medical Sociology *	
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Total Hours **16-20**

* The following courses have additional prerequisites: ECON 2140 has prerequisites ECON 1031 (920:024) or ECON 1041 (920:053) or ECON 1051 (920:054). ECON 1031 (920:024) can be used to satisfy Liberal Arts Category 5B. ANTH 3102/5102 (990:168g) has prerequisite of SOC 1000 (980:001) or ANTH 1002 (990:011). SOC 1000 (980:001) or ANTH 1002 (990:011) can be used to satisfy Liberal Arts Category 5A. CRIM 3369 has prerequisite of SOC 1000 (980:001). SOC 1000 (980:001) can be used to satisfy Liberal Arts Category 5A. PSYCH 3303/5303 (400:154g) has prerequisite of PSYCH 1001 (400:001). PSYCH 1001 (400:001) can be used to satisfy Liberal Arts Category 5B. SOC 3035/5035 (980:125g) and SOC 3086/5086 have prerequisite of SOC 1000 (980:001) or SOC 1060 (980:060). SOC 1000 (980:001) can be used to satisfy Liberal Arts Category 5A. SOC 1060 (980:060) can be used to satisfy Liberal Arts Category 5C.

Certificate in Community Nutrition

The Community Nutrition Certificate is offered by the Public Health and Education program within the Department of Health, Recreation and Community Services. The Community Nutrition Certificate Program prepares students to address nutrition issues in the community setting.

Required:

Public Health:		
PH 1101	Introduction to Public Health	3
PH 1410	Basic Nutrition	3
PH 2420	Nutrition for Health Promotion	3
PH 2430	Food and Nutrition Practicum	2

Department of Health, Recreation and Community Services

Psychology:		
PSYCH 1001 (400:001) Introduction to Psychology *		3
Electives: (choose one course from the following)		3
PSYCH 3303/5303 Health Psychology (400:154g)		
PSYCH 3502/5502 Motivation and Emotion (400:134g)		
Total Hours		17

* PSYCH 1001 (400:001) satisfies LAC category 5B.

Certificate in Corporate Fitness

The Corporate Fitness Certificate interdisciplinary program is jointly offered by the Public Health and Education program within the Department of Health, Recreation and Community Services and the Department of Kinesiology. The Corporate Fitness Certificate Program prepares students for work in corporate fitness and worksite health promotion settings.

Required:

Physical Education:		
PEMES 2050 (420:050) Anatomy and Physiology of Human Movement		3
PEMES 3153 (420:153) Physiology of Exercise		3
PEMES 3156 (420:156) Fitness Assessment and Programming		3
Public Health:		
PH 3640/5640 Worksite Health Promotion		3
Electives (choose one from the following):		3
PEMES 3157 Sports Nutrition *		
(420:157)		
PH 1410 Basic Nutrition		
Total Hours		15

* PEMES 3157 (420:157) has a prerequisite of PEMES 2053 (420:053) and PEMES 3153 (420:153). Prerequisite for Athletic Training majors: AT 3020.

Environmental Health Certificate

Required:

PH 1101 Introduction to Public Health		3
PH 2130 Epidemiology of Human Diseases		3
PH 3710/ ENV SCI 4665/5665 (830:165g)	Environmental Health Science	3
PH 3720/5720	Environmental and Occupational Health Regulations	3
PH 3730/5730	Toxins and Health	3
Total Hours		15

Certificate in Global Health and Humanitarian Assistance

Required:

PH 1101 Introduction to Public Health		3
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PH 3310/5310	Cultural Competency for the Helping Professions	3
PH 3320/5320	Global Service Mission (3 hrs.)	3
PH 3330/5330	Minority Health	3
PH 3340/5340	International Health	3
Total Hours		15

Certificate in Women's Health

The Women's Health Certificate is offered by the Public Health program within the Department of Health, Recreation and Community Services. The Women's Health Certificate prepares students for work in organizations that address women's health needs.

Required:

Applied Human Sciences, School of:		
FAM SERV 1057 (31F:057)	Human Relationships and Sexuality	3
Public Health:		
PH 2520	Maternal and Infant Health	3
PH 2530	Introduction to Women's Health	3
Women's and Gender Studies:		
WGS 1040 (680:040)	Women's and Gender Studies: Introduction	3
Electives (choose one from the following):		3
COMM 4346/5346 (48C:153g)	Gender Issues in Communication	
PH 2630	Aging and Health	
PH 3650	Complementary, Alternative, and Integrative Health	
PSYCH 2201 (400:060)	Psychology of Gender *	
SOC SCI 1020 (900:020)	Women, Men, and Society	
Total Hours		15

* PSYCH 2201 (400:060) has a prerequisite of PSYCH 1001 (400:001).

Recreation, Tourism and Nonprofit Leadership

Academic Policies

Major Requirements

The following criteria shall be used to determine student eligibility for the Recreation, Tourism and Nonprofit Leadership major:

1. 2.00 or above cumulative UNI GPA.
2. A grade of C (2.00) or higher in all courses applied to the major. If the student earns less than a C in a major course, s(he) must retake the course within two semesters in order to apply it to the major.

In order to remain in good academic standing, students must maintain a cumulative major GPA of 2.50 or above. Students whose GPAs fall below 2.50 will have one semester in which to raise grades to the required level. If they are unable to do so, they must retake the course or courses that caused the GPA to fall below 2.50, and they will be

Department of Health, Recreation and Community Services

administratively dropped from any other major courses for which they have registered.

In order to be eligible for internship and graduation, students must:

1. Meet the academic criteria above.
2. Complete a minimum of 500 Professional Experience hours in Recreation, Tourism and Nonprofit Leadership settings.
3. Hold or obtain current certification in American Red Cross CPR PRO (Professional Rescuer), American Red Cross AED (Automatic External Defibrillation), American Red Cross First Aid, American Red Cross PDT (Prevention of Disease Transmission), and Child/Dependent Adult Abuse Mandatory Reporter Training.

Minor Requirements

Admission to the Recreation, Tourism and Nonprofit Leadership minor requires students to have a cumulative UNI GPA of 2.00. To graduate with a minor in Recreation, Tourism and Nonprofit Leadership, students must have a minor GPA of 2.50, with a grade of C (2.00) or higher in all courses applied to the minor. Students must officially declare the minor.

Bachelor of Arts Degree Program Recreation, Tourism and Nonprofit Leadership Major

The Recreation, Tourism and Nonprofit Leadership major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

The Recreation, Tourism and Nonprofit Leadership major prepares students to deliver programs and manage facilities designed to meet human, community, and social needs in public, governmental, and nonprofit community agencies. Graduates may find employment in agencies that serve people of all ages from diverse backgrounds in areas such as municipal parks and recreation, commercial recreation, tourism, outdoor recreation, therapeutic recreation (clinical and community-based settings), the nonprofit and youth serving agencies, armed forces recreation, campus recreation, and other leisure service delivery sectors. The major focuses on direct service programming with an emphasis on supervisory and managerial skills. The Recreation, Tourism and Nonprofit Leadership program is accredited by COAPRT.

Recreation, Tourism and Nonprofit Leadership:

Select four of the following courses: 12

RTNL 2110	Foundations of Community Parks and Recreation
RTNL 2120	Foundations of Tourism
RTNL 2130	Foundations of the Nonprofit Sector
RTNL 2140	Foundations of Outdoor Recreation
RTNL 2150	Foundations of Youth Work
RTNL 2160	Foundations of Therapeutic Recreation

Required:

RTNL 3110	Management and Human Resources in Recreation, Tourism and Nonprofit Leadership	3
RTNL 3120	Programming for Recreation, Tourism and Nonprofit Leadership	3
RTNL 3130	Marketing in Recreation, Tourism and Nonprofit Leadership	3
RTNL 4310/5310	Areas and Facilities in Recreation, Tourism and Nonprofit Leadership	3
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
RTNL 4330/5330	Research and Evaluation in Recreation, Tourism and Nonprofit Leadership	3
RTNL 4340	Seminar in Recreation, Tourism and Nonprofit Leadership	3
RTNL 4510	Internship in Recreation, Tourism and Nonprofit Leadership	9
RTNL 4520	Senior Project in Recreation, Tourism and Nonprofit Leadership	3
Select nine hours from the following:		9
RTNL 2210	Nonprofit Leadership Practicum, Level I	
RTNL 3280	Readings in Recreation, Tourism and Nonprofit Leadership	
RTNL 3777/5777	Special Events Management	
RTNL 3778/5778	Community Based Tourism	
RTNL 3991/5991	Philosophical Ideologies of Therapeutic Recreation	
RTNL 4210/5210	Nonprofit Leadership Practicum, Level II*	
RTNL 4290/5290	Recreation, Tourism and Nonprofit Leadership Field Experience	
RTNL 4552/5552	Theory and Practice of Outdoor Education	
RTNL 4553/5553	Trends and Issues in Outdoor Recreation	
RTNL 4554/5554	Managing Recreation Impacts on the Natural Environment	
RTNL 4556/5556	History of Outdoor Recreation	
RTNL 4621/5621	Camp Staff Development	
RTNL 4623/5623	Field Experience in Camp Counseling	
RTNL 4625/5625	Camp Management Systems	
RTNL 4776/5776	Eco, Adventure and Sport Tourism	

RTNL 4779/5779	Community Planning Workshop
RTNL 4995/5995	Assessment, Programming and Evaluation in Therapeutic Recreation
RTNL 4996/5996	Intervention Techniques in Therapeutic Recreation
RTNL 4997/5997	Administrative Practices in Therapeutic Recreation
Total Hours	54

* RTNL 4210/5210 has a prerequisite of RTNL 2210.

Minor

For Academic Policies regarding minors within Recreation, Tourism and Nonprofit Leadership see Minor Requirements.

Recreation, Tourism and Nonprofit Leadership Minor

Recreation, Tourism and Nonprofit Leadership:

Required:	
Select six (6) credit hours from the following:	6
RTNL 2110	Foundations of Community Parks and Recreation
RTNL 2120	Foundations of Tourism
RTNL 2130	Foundations of the Nonprofit Sector
RTNL 2140	Foundations of Outdoor Recreation
RTNL 2150	Foundations of Youth Work
RTNL 2160	Foundations of Therapeutic Recreation
RTNL 2210	Nonprofit Leadership Practicum, Level I
Select six (6) credit hours from the following:*	6
RTNL 3110	Management and Human Resources in Recreation, Tourism and Nonprofit Leadership
RTNL 3120	Programming for Recreation, Tourism and Nonprofit Leadership
RTNL 3130	Marketing in Recreation, Tourism and Nonprofit Leadership
RTNL 3777/5777	Special Events Management
RTNL 3778/5778	Community Based Tourism
RTNL 3991/5991	Philosophical Ideologies of Therapeutic Recreation
Select six (6) credit hours from the following:*	6
RTNL 4210/5210	Nonprofit Leadership Practicum, Level II
RTNL 4310/5310	Areas and Facilities in Recreation, Tourism and Nonprofit Leadership

RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership
RTNL 4330/5330	Research and Evaluation in Recreation, Tourism and Nonprofit Leadership
RTNL 4552/5552	Theory and Practice of Outdoor Education
RTNL 4553/5553	Trends and Issues in Outdoor Recreation
RTNL 4554/5554	Managing Recreation Impacts on the Natural Environment
RTNL 4556/5556	History of Outdoor Recreation
RTNL 4776/5776	Eco, Adventure and Sport Tourism
RTNL 4779/5779	Community Planning Workshop
RTNL 4995/5995	Assessment, Programming and Evaluation in Therapeutic Recreation
RTNL 4996/5996	Intervention Techniques in Therapeutic Recreation
RTNL 4997/5997	Administrative Practices in Therapeutic Recreation
Total Hours	18

* Prerequisites waived for non-Recreation, Tourism and Nonprofit Leadership majors.

Master of Arts Degree Program Major in Community Health and Recreation

The Master of Arts degree in Community Health and Recreation prepares students for leadership roles in a variety of settings including the public/government, academic, non-profit, and corporate sectors. Upon program completion, graduates will possess the skills necessary for effective and efficient delivery of community health and recreation programs. The program supports professional development through the utilization of relevant philosophy, content, and research skills and offers the student the opportunity to take an active role in determining personal learning objectives and developing individual programs of study. Students can design programs of study for work in campus recreation, health education, nonprofit management, community recreation, public health, tourism, and outdoor resource management. Students are encouraged to focus on study that has direct relevance to professional practice.

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Health, Recreation and Community Services for other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) is not required for admission to the program.

Department of Health, Recreation and Community Services

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available with both thesis and non-thesis options. A minimum of 33 semester hours is required, with a minimum of 12 hours at the 6000-level, exclusive of HRCS 6299. The thesis option requires 6 hours of HRCS 6299. The non-thesis option requires a research paper for 3 hours of HRCS 6299. Additional hours may be required, if upon entering the graduate program, the student needs background courses.

Required:

PH 3310/5310	Cultural Competency for the Helping Professions	3
HRCS 6000	Foundations of Community Health and Recreation	3
KAHHS 6210	Quantitative Methods in KAHHS	3
KAHHS 6290	Research Methods for KAHHS	3
One of the following:		3
RTNL 6201	Social Policy and Issues in Recreation, Tourism and Nonprofit Leadership	
RTNL 6202	Social Psychology of Leisure	

Required:

HRCS 6299	Research	3 or 6
	Thesis option (6 hrs.)	
	Non-thesis option (3 hrs.)	

Electives (select 15 hours from the following for non-thesis track or 12 hours for the thesis track)

PH 3320/5320	Global Service Mission	
PH 3330/5330	Minority Health	
PH 3140/5140	Planning and Evaluating Public Health Programs	
PH 4393/5393	Epidemiological Methods, Research Design, and Analysis	
PH 3640/5640	Worksite Health Promotion	
PH 3660/5660	Public Health Theory	
PH 3340/5340	International Health	
PH 3710/ ENV SCI 4665/5665 (830:165g)	Environmental Health Science	
PH 3720/ ENV SCI 4666/5666 (830:166g)	Environmental and Occupational Health Regulations	
PH 3730/5730	Toxins and Health	
PH 6220	Health Determinants	
RTNL 6402	Strategic Program Management	
RTNL 6404	Marketing the Youth/Human Service Agency	
RTNL 6408	Financial Decision Making for Youth/Human Service Agencies	

RTNL 6412	Management Issues in Recreation, Tourism and Nonprofit Leadership
RTNL 6414	Models for Intervention With Youth
RTNL 6416	Youth Development in Nonprofit Organizations
RTNL 6418	Personnel Management and Supervision in Youth/Human Services

Total hours thesis option 33

Total hours non-thesis option 33

Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Health, Recreation and Community Services or the Office of the Registrar, which serves as the centralized registry.

Aquatics Specialization Certificate

The purpose of this certificate is to develop and produce quality graduates who have the appropriate skills and certifications to obtain employment in the aquatic profession. Upon completion of the certificate, students will be able to teach Lifeguarding, Water Safety, and be certified as a pool operator through national certifications.

Required:

Kinesiology:		6
PEMES 2011 (420:011)	Fundamental Physical Activities -- Aquatics	
PEMES 2019	First Aid and CPR for Physical Educators	
PEMES 2060 (420:060)	Lifeguard Training and Instruction	
PEMES 3120 (420:120)	Certified Pool Operators	
	or PEMES 3133 Wksp: Certified Pool Operators Training	

Recreation, Tourism and Nonprofit Leadership: 6

RTNL 2110	Foundations of Community Parks and Recreation
RTNL 3120	Programming for Recreation, Tourism and Nonprofit Leadership

Electives: 4 hours as approved by advisor, selected from the following: **4**

Dimensions of Wellbeing:

KAHHS 1030 Water Sports Lab*

Kinesiology:		
PEMES 3140 (420:140)	Practicum (Special Needs Swim Lessons)	
PEMES 3168 (420:168)	Assisting in Physical Activity and Wellness	

PEMES 3186 (420:186) (Studies in PE: Lifeguard Instructor Training)	
Recreation, Tourism and Nonprofit Leadership:	
RTNL 1A39 (420:A39) (Canoeing)	
RTNL 1A66 (420:A66) (Skin & Scuba Diving)	
RTNL 4310/5310	Areas and Facilities in Recreation, Tourism and Nonprofit Leadership
Total Hours	16

*If a Dimensions of Wellbeing lab has already been taken, this course may not be applied to the certificate as it will replace the previous course.

Nonprofit Management Certificate

This certificate provides knowledge, skill-building and professional experience for students interested in working in the nonprofit sector. Earning this certificate at UNI also enables students to earn a national certificate in Nonprofit Management from Nonprofit Leadership Alliance.

Students interested in this certificate should contact the Department of Health, Recreation and Community Services (319-273-2141).

Required:

Accounting:	
ACCT 2120 (120:030)	Principles of Financial Accounting 3
Recreation, Tourism and Nonprofit Leadership: 14	
RTNL 2130	Foundations of the Nonprofit Sector
RTNL 2210	Nonprofit Leadership Practicum, Level I
RTNL 3110	Management and Human Resources in Recreation, Tourism and Nonprofit Leadership *
RTNL 4210/5210	Nonprofit Leadership Practicum, Level II
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership *
RTNL 4510	Internship in Recreation, Tourism and Nonprofit Leadership **
Electives: Select 3 credits from the list below: 3	
Anthropology:	
ANTH 1002 (990:011)	Introduction to Cultural Anthropology
English:	
ENGLISH 4775/5775 (620:105g)	Applied Writing: Specialized Documents ***
Geography:	
GEOG 4260	Environmental Resource Management ***
History:	

HIST 4020/5020 (960:125g)	Introduction to Museum Studies
or ANTH 3440/5440 (990:125g)	Introduction to Museum Studies
Philosophy:	
PHIL 3320 (650:172)	Political Philosophy
Politics, American:	
POL AMER 1014 (942:014)	Introduction to American Politics
POL AMER 1048 (942:048)	Current and Emerging Issues in Public Administration
Politics, International:	
POL INTL 1024 (943:024)	International Relations
POL INTL 3126 (943:126)	Human Rights
Public Health and Education:	
PH 3310/5310	Cultural Competency for the Helping Professions
Recreation, Tourism and Nonprofit Leadership:	
RTNL 3130	Marketing in Recreation, Tourism and Nonprofit Leadership
Total Hours	20

* RTNL 3110, RTNL 4320 and RTNL 4520 prerequisites waived for non-Recreation, Tourism and Nonprofit Leadership majors.

** RTNL 4510 Internship can be taken within a range of 1-9 credit hours.

*** The following courses have these prerequisites: ENGLISH 4775/5775 (620:105g) has prerequisites MGMT 2080 (150:080) or ENGLISH 2770 (620:077) or consent of instructor; junior standing. GEOG 4260 has prerequisites GEOG 1210 (970:026) or EARTHSCI 1300 (870:031); BIOL 2051 (840:051); or consent of instructor.

Outdoor Recreation Certificate

The Outdoor Recreation Certificate program is designed to train students for professional employment in the varied and growing field of outdoor recreation and adventure education. This program offers students the opportunity to develop skills in a variety of outdoor recreation activities while studying the theories, trends and issues involved in working with groups, facilitating adventure education, and managing the impacts of recreation on our natural environment. The Certificate in Outdoor Recreation is available to students in all majors.

Required:

Recreation, Tourism and Nonprofit Leadership: 3	
RTNL 2140	Foundations of Outdoor Recreation
Select 9 credits from the following: 9	
Recreation, Tourism and Nonprofit Leadership:	

Department of Health, Recreation and Community Services

RTNL 4552/5552	Theory and Practice of Outdoor Education	
RTNL 4553/5553	Trends and Issues in Outdoor Recreation *	
RTNL 4554/5554	Managing Recreation Impacts on the Natural Environment	
RTNL 4556/5556	History of Outdoor Recreation	
Select 3 credits from the following:		3
Athletic Training		
AT 1018 (42T:018)	Prevention and Care of Athletic Injuries *	
AT 1019 (42T:019)	Prevention and Care Laboratory *	
Kinesiology, Allied Health and Human Services:		
KAHHS 1020	Dimensions of Wellbeing Lecture (Adventure Recreation Concepts and Wellness, Enjoying the Great Outdoors, Wellness through Aquatics*)	
KAHHS 1030	Dimensions of Wellbeing Lab (Backpacking Lab, Bike Conditioning Lab, Canoeing Lab, Rock Climbing Lab, Skin and Scuba Lab, Winter Skills Lab*)	
Recreation, Tourism and Nonprofit Leadership:		
RTNL 1A03	Backpacking	
RTNL 1A39	Canoeing	
RTNL 1A66	Skin and Scuba	
RTNL 1A70	Rock Climbing	
RTNL 1A81	Ice Climbing	
RTNL 1B19	Winter Skills	
RTNL 1B21	Bike Conditioning	
RTNL 4290/5290	Recreation, Tourism and Nonprofit Leadership Field Experience	
Total Hours		15

* Dimensions of Wellbeing courses cannot be taken as university electives. Students can only take one lecture and one lab. If you have completed your Dimensions requirements in the Liberal Arts Core, students can then enroll in the above RTNL activity courses that are listed as RTNL 1AXX or 1BXX.

* AT 1018 (42T:018) has a prerequisite of PEMES 2050 (420:050).
 AT 1019 (42T:019) has a prerequisite of AT 1018 (42T:018).

School-Age Care Leadership Certificate

This certificate is designed to provide students participating in the Camp Adventure Youth Services program an opportunity to receive credit for their application of youth development principles to school-age children (ages 5-12) in global settings.

Required:

Recreation, Tourism and Nonprofit Leadership (must take hours from each course to get to 15 hours):	15
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RTNL 4290/5290	Recreation, Tourism and Nonprofit Leadership Field Experience	
RTNL 4623/5623	Field Experience in Camp Counseling	
RTNL 4625/5625	Camp Management Systems	
Electives: selected from the following:		2-3
TEACHING 2017	Level 1 Field Experience: Exploring Teaching	
Educational Psychology and Foundations:		
EDPSYCH 3109	Development and Assessment of Young Children *	
EDPSYCH 4116/5116	Psychology of Adolescence ** (200:116g)	
EDPSYCH 6235 (200:235)	Theories of Human Development ***	
School of Applied Human Sciences:		
FAM SERV 1010 (31F:010)	Human Identity and Relationships	
FAM SERV 1020 (31F:020)	Family Relationships	
FAM SERV 1055 (31F:055)	Human Growth and Development	
Total Hours		17-18

* EDPSYCH 3109 has prerequisite of EDPSYCH 2030 (200:030) or equivalent or consent of instructor.

** EDPSYCH 4116/5116 (200:116g) has prerequisite of EDPSYCH 2030 (200:030) or equivalent; junior standing.

*** EDPSYCH 6235 (200:235) has prerequisite of EDPSYCH 3109 or EDPSYCH 4116/5116 (200:116g).

Tourism Certificate

The Tourism Certificate is administered by Leisure, Youth and Human Services within the Department of Health, Recreation and Community Services, College of Education. For information on this program certificate, contact Leisure, Youth and Human Services, Tourism Advisor, 203 WRC.

Required:

Recreation, Tourism and Nonprofit Leadership:	6
RTNL 2120	Foundations of Tourism
RTNL 3130	Marketing in Recreation, Tourism and Nonprofit Leadership

Select three courses from the following:

Recreation, Tourism and Nonprofit Leadership:	9
RTNL 3777/5777	Special Events Management
RTNL 3778/5778	Community Based Tourism
RTNL 4554/5554	Managing Recreation Impacts on the Natural Environment
RTNL 4776/5776	Eco, Adventure and Sport Tourism
RTNL 4779/5779	Community Planning Workshop

Total Hours	15
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* If student has successfully completed MKTG 2110 (130:101) Principles of Marketing, this course can be substituted for RTNL 3130 Marketing in Recreation, Tourism and Nonprofit Leadership. RTNL 3130 prerequisites waived for non-Recreation, Tourism and Nonprofit Leadership majors

Youth Work in Religious Settings Certificate

The Youth Work in Religious Settings Certificate interdisciplinary program is jointly offered by the Recreation, Tourism and Nonprofit Leadership program within the Department of Health, Recreation and Community Services and the Department of Philosophy and World Religions. The Youth Work in Religious Settings Certification Program prepares students for work in a variety of religious organizations and contexts.

Required:

Philosophy and World Religions:		
RELS 1020 (640:024)	Religions of the World	3
Recreation, Tourism and Nonprofit Leadership:		
RTNL 2150	Foundations of Youth Work	3
RTNL 3120	Programming for Recreation, Tourism and Nonprofit Leadership	3
RTNL 3340	Prevention & Intervention Programs in Youth Work	3
Electives (choose two from the following):		6
RELS 1510 (640:040)	Religion, Ethics, and Film	
RELS/PHIL 1540	Ethics in Business	
RELS 2001	Old Testament and Other Hebrew Scriptures	
RELS 2002	New Testament and Early Christian Writings	
RELS 2100	Great Living Religions: Hinduism and Buddhism	
RELS 2110	Great Living Religions: Confucianism, Daoism, and Zen	
RELS 2120	Great Living Religions: Judaism and Islam	
RELS 2130	Great Living Religions: Christianity	
RELS/PHIL 2140	Philosophy of Religion	
RELS 2220	Faith and Reason: Philosophy in the Middle Ages	
RELS 2401	Tribal Religions	
RELS/PHIL 2550	Environmental Ethics	
RELS/PHIL 2570	Good Sex: The Ethics of Human Sexuality	
RELS/ANTH 3103	Religion, Magic, and Witchcraft *	
RELS/PHIL 3110/CAP 3194 (CAP:194)	Perspectives on Death and Dying	
RELS 3120	Myth and Symbol	

RELS 3140	Religion and Its Critics
RELS 3150	Women and Christianity
RELS/CAP 3157	Monsters, Vampires, and Religion: An Awesome Alliance
RELS 3180	Religion and Politics: (Topics)
RELS 3310 (640:138)	Malcolm, Martin, and Justice
RELS 3320 (640:140)	Black Liberation and the Black Church
RELS 3500 (640:171)	Religion and Ethics
RELS/PHIL 3510/CAP 3173 (CAP:173)	Bio-Medical Ethics
RELS 4230/HIST 4250/5250	Religion in America
RELS 4490	Professional Development Seminar

Total Hours 18

* RELS 3103 (640:161) has a prerequisite of ANTH 1002 (990:011).

Athletic Training and Rehabilitation Studies, B.A.

Outcome 1: Critical Thinking

Graduates will demonstrate critical thinking through the ability to evaluate, analyze, and integrate information from a variety of sources in order to develop reasoned positions and solutions to problems

Outcome 2: Communication

Graduates will display competence in verbal and written communication, as appropriate for those furthering their education in an allied healthcare field

Outcome 3: Content Knowledge

Graduates will demonstrate knowledge and skills relevant to those who are seeking to further their education in an allied healthcare field

Public Health: Community Health, B.A.

1. BA graduates shall display competence in oral, written and visual communication within the public health field at the staff level.
2. BA graduates shall demonstrate the ability to plan, implement, and evaluate public health programs at the staff level.
3. BA graduates shall demonstrate effective critical thinking through the ability to evaluate, analyze, and integrate conceptual and theoretical information in an applied public health field setting.

Public Health: Environmental Health Science, B.A.

- 1: BA graduates shall display competence in oral, written and visual communication within the public health field at the staff level.
- 2: BA graduates shall demonstrate the ability to plan, implement, and evaluate public health programs at the staff level.

Department of Health, Recreation and Community Services

3: BA graduates shall demonstrate effective critical thinking through the ability to evaluate, analyze, and integrate conceptual and theoretical information in an applied public health field setting.

Recreation, Tourism and Nonprofit Leadership, B.A.

Outcome 1: Critical thinking

1. Students graduating from the program can demonstrate critical thinking as characterized by the comprehensive exploration of ideas, issues, artifacts, and events before accepting or formulating an opinion or conclusions (Proposed artifact: Case study in RTNL Seminar).

Outcome 2: Communication

1. Students graduating from the program can communicate effectively in written form in various formats and styles, to a variety of audiences (Artifact: Synthesis paper in RTNL Senior project).
2. Students graduating from the program can communicate effectively in oral form (Proposed artifact: Recorded presentation in RTNL Internship course).

Outcome 3: Content knowledge/ skills

1. Students graduating from the program can demonstrate intercultural knowledge and competence through cultural self-awareness, knowledge of cultural worldview frameworks, empathy, verbal and nonverbal communication, curiosity, and openness (Artifact: Section C of the synthesis paper in RTNL Internship course).
2. Students graduating from the program can develop, operate and manage a program (Artifact: Portfolio in RTNL Senior project).
3. Students graduating from the program can evaluate the facility management of a RTCS area or a space (Artifact: Site Evaluation in Areas and Facilities).

Environmental Resource Management: Ecosystems, B.A.

Goals: Students will gain an understanding of major themes in biology related to ecosystems (organization of life, diversity and its causes) along with deeper exposure to and advanced competency in topics related to ecosystems and their management. Students will be able to think critically and communicate effectively on these discipline-specific topics.

Outcomes:

1. Students show proficiency in advanced content from the fields of ecology, evolution, and organismal biology that will allow students to evaluate issues important to modern ecosystem management.
2. Students will communicate effectively using discipline-specific vocabulary and standard written and oral scientific communication skills.

3. Students will think critically about discipline-specific content as evidenced by an ability to interpret data, to effectively critique arguments, and/or to solve problems relating to natural systems.

Environmental Resource Management: Environmental Compliance, B.A.

Communication

SLO 3: Demonstrate effective written and oral communication skills related to geographic knowledge.

Critical Thinking

SLO 2: Demonstrate abilities in critical thinking and intellectual synthesis including synthesis of Geography's multidisciplinary focus. This includes, but is not limited to, examples of human-environmental interaction, location theory, and transition models along with their past, present, and future impacts.

SLO 4: Display evidence of professional, career skills such as independent problem solving, exhibiting professional judgment, and dependability.

SLO 5: Conduct research through the development of a research question, identification and integration of relevant literature, select appropriate research methods, and execution of data collection, analysis, and interpretation.

Content Knowledge & Skills

SLO 1: Identify patterns and processes of spatial relationships and interactions, movement, diffusion, and scale to explain their causes and significance, and to understand analytical methods to study them.

Environmental Resource Management: Geosystems, B.A.

Goal 1 - Critical Thinking & Data Analysis: Our students will use concepts from Earth, Space, or Environmental Science to critically analyze and interpret scientific data.

By the time they graduate, our students will be able to:

Outcome 1.1 - Analyze and interpret scientific data to formulate an evidence-based conclusion

Outcome 1.2 - Use a variety of mathematical tools and computer software to describe scientific phenomena and answer scientific questions

Goal 2 - Communication: Our students will be able to communicate concepts from Earth, Space, or Environmental Science.

By the time they graduate, our students will be able to:

Outcome 2.1 - Create a well-written report or paper that summarizes scientific data and draws evidence-based conclusions

Outcome 2.2 - Create and deliver a well-constructed oral report that summarizes scientific data and draws evidence-based conclusions

Goal 3 - Content Knowledge and Skills: Our students will apply concepts and theories from Earth, Space, or Environmental Science to the real world.

By the time they graduate, our students will be able to:

Outcome 3.1 - Describe fundamental theories and concepts in Earth, Space, or Environmental Science

Outcome 3.2 - Use concepts and theories from Earth, Space, or Environmental Science to create a model of a complex system

Outcome 3.3 - Use concepts and theories from Earth, Space, or Environmental Science to solve a real-world problem

Outcome 3.4 - Use scientific equipment to collect valid scientific data.

Environmental Resource Management: Resource Administration, B.A.

Communication

SLO 3: Demonstrate effective written and oral communication skills related to geographic knowledge.

Critical Thinking

SLO 2: Demonstrate abilities in critical thinking and intellectual synthesis including synthesis of Geography’s multidisciplinary focus. This includes, but is not limited to, examples of human-environmental interaction, location theory, and transition models along with their past, present, and future impacts.

SLO 4: Display evidence of professional, career skills such as independent problem solving, exhibiting professional judgment, and dependability.

SLO 5: Conduct research through the development of a research question, identification and integration of relevant literature, select appropriate research methods, and execution of data collection, analysis, and interpretation.

Content Knowledge & Skills

SLO 1: Identify patterns and processes of spatial relationships and interactions, movement, diffusion, and scale to explain their causes and significance, and to understand analytical methods to study them.

Masters of Athletic Training, M.ATR.

Outcome 1: Graduates will have the ability to apply best practice knowledge to profession specific contexts

Goal 1: Students demonstrate the ability to evaluate, apply, and design best practice for professional contexts within the discipline

Goal 2: Students will report that the program improved their ability to evaluate, apply, and design best practice for professional context within the discipline (Exit and Alumni surveys).

Outcome 2: Graduates will have the ability to conduct research and demonstrate critical thinking in the process of integrating and drawing relevant conclusions from the culminating research project.

Goal 1: Students will demonstrate the ability to interpret, summarize, integrate, and draw relevant conclusions and applications based on relevant research findings

Goal 2: Students will report that the program improved their ability to interpret, summarize, integrate, and draw relevant conclusions and applications based on relevant research findings

Outcome 3: Graduates will display competence in verbal, written, and/or visual communication, as appropriate for their discipline.

Goal 1: Students will demonstrate competence in oral communication

Goal 2: Students will demonstrate competence in written communication

Community Health and Recreation, M.A.

1. Students will demonstrate the skills necessary to effectively and efficiently deliver community health and recreation programs (Program Content).
2. Students will demonstrate the ability to design methodologically sound research studies, including the collection and analysis of existing literature and data collection and analysis (Program Content).
3. Students will demonstrate the ability to integrate theory, research, and curricular content to make appropriate recommendations for action (Program Content and Critical Thinking).
4. Students will demonstrate the ability to communicate effectively in writing (Communication).
5. Students will demonstrate the ability to communicate effectively orally (Communication).

Doctor of Education: Allied Health, Recreation, and Community Services Intensive Study Area

1. Students demonstrate commitment to professional development, social justice, and personal growth by incorporating effective, adaptive, and creative responses to meet changes and challenges in global society.
2. Students analyze, implement, and integrate knowledge, theory, practice, and research findings to lead and make informed decisions in their professional practice.
3. Students will effectively communicate (both written and oral) important, complex problems-of-practice in relation to past research, current practices, and potential future impacts of solutions.

Interdisciplinary

Environmental Resource Management: Ecosystems, B.A.

Course	Title	Hour
Freshman		
Fall		
BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
UNIV 1000	First-Year Cornerstone: Integrated Communication I	3
EARTHSCI 1300 (870:031)	Introduction to Geology (or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	4
Liberal Arts Core		4
Hours		15

Department of Health, Recreation and Community Services

Spring

CHEM 1110 (860:044)	General Chemistry I	4
GEOG 3310 (970:164)	Geographic Information Systems I	3
UNIV 1010	First-Year Cornerstone: Integrated Communication II	3
Liberal Arts Core		4

Hours 14

Sophomore

Fall

BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science	3
GEOG 4260	Environmental Resource Management	3
Liberal Arts Core		6
University Elective		3

Hours 15

Spring

Major Electives		10
Liberal Arts Core		6

Hours 16

Junior

Fall

EARTHSCI 3330/5330 (870:141g)	Geomorphology	4
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
Liberal Arts Core		9

Hours 16

Spring

HIST 4170/5170	U.S. Environmental History	3
Major Electives		4
Liberal Arts Core		2
University Electives		6

Hours 15

Senior

Fall

Major Electives		9
University Electives		6

Hours 15

Spring

Major Electives		8
University Electives		6

Hours 14

Total Hours 120

Environmental Resource Management: Geosystems, B.A.

Course	Title	Hour
Freshman		
Fall		
BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
UNIV 1000	First-Year Cornerstone: Integrated Communication I	3
EARTHSCI 1300 (870:031)	Introduction to Geology (or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	4
Liberal Arts Core		4
Hours		15

Spring

CHEM 1110 (860:044)	General Chemistry I	4
GEOG 3310 (970:164)	Geographic Information Systems I	3
UNIV 1010	First-Year Cornerstone: Integrated Communication II	3
Liberal Arts Core		4

Hours 14

Sophomore

Fall

BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science	3
GEOG 4260	Environmental Resource Management	3
Liberal Arts Core		6
University Elective		3

Hours 15

Spring

Major Electives		10
Liberal Arts Core		6

Hours 16

Junior

Fall

EARTHSCI 3330/5330 (870:141g)	Geomorphology	4
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
Liberal Arts Core		9

Hours 16

Spring

HIST 4170/5170	U.S. Environmental History	3
Major Electives		5
Liberal Arts Core		2
University Electives		5

Hours 15

Senior

Fall

Major Electives		9
University Electives		6

Hours 15

Spring

Major Electives		8
University Electives		6

Hours 14

Total Hours 120

Environmental Resource Management: Resource Administration, B.A.

Course	Title	Hour
Freshman		
Fall		
BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
UNIV 1000	First-Year Cornerstone: Integrated Communication I (or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	3
EARTHSCI 1300 (870:031)	Introduction to Geology (or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	4

Department of Health, Recreation and Community Services

Liberal Arts Core		4
Hours		15
Spring		
CHEM 1110 (860:044)	General Chemistry I	4
GEOG 3310 (970:164)	Geographic Information Systems I	3
UNIV 1010	First-Year Cornerstone: Integrated Communication II	3
Liberal Arts Core		4
Hours		14
Sophomore		
Fall		
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science	3
GEOG 4260	Environmental Resource Management	3
Liberal Arts Core		6
University Elective		3
Hours		15
Spring		
Major Electives		10
Liberal Arts Core		6
Hours		16
Junior		
Fall		
EARTHSCI 3330/5330 (870:141g)	Geomorphology	4
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
Liberal Arts Core		9
Hours		16
Spring		
HIST 4170/5170	U.S. Environmental History	3
Major Electives		4
Liberal Arts Core		2
University Electives		6
Hours		15
Senior		
Fall		
Major Electives		9
University Electives		6
Hours		15
Spring		
Major Electives		8
University Electives		6
Hours		14
Total Hours		120

Liberal Arts Core		4
Hours		15
Spring		
CHEM 1110 (860:044)	General Chemistry I	4
GEOG 3310 (970:164)	Geographic Information Systems I	3
UNIV 1010	First-Year Cornerstone: Integrated Communication II	3
Liberal Arts Core		4
Hours		14
Sophomore		
Fall		
BIOL 3100 (840:100)	Evolution, Ecology and the Nature of Science	3
GEOG 4260	Environmental Resource Management	3
Liberal Arts Core		6
University Electives		3
Hours		15
Spring		
Major Electives		10
Liberal Arts Core		6
Hours		16
Junior		
Fall		
EARTHSCI 3330/5330 (870:141g)	Geomorphology	4
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
Liberal Arts Core		9
Hours		16
Spring		
HIST 4170/5170	U.S. Environmental History	3
Major Electives		4
Liberal Arts Core		2
University Electives		6
Hours		15
Senior		
Fall		
Major Electives		9
University Electives		6
Hours		15
Spring		
Major Electives		8
University Electives		6
Hours		14
Total Hours		120

Environmental Resource Management: Environmental Compliance, B.A.

Course	Title	Hour
Freshman		
Fall		
BIOL 2051 (840:051)	General Biology: Organismal Diversity	4
UNIV 1000	First-Year Cornerstone: Integrated Communication I	3
EARTHSCI 1300 (870:031)	Introduction to Geology (or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	4