

# Department of Health, Recreation and Community Services

**(College of Education)**

<https://coe.uni.edu/hrcc>

The Department of Health, Recreation and Community Services offers the following programs:

**College of Education -**

- **Graduate Major (Ed.D.)**
  - Doctor of Education: Allied Health, Recreation, and Community Services intensive study area (p. 1)

(for all requirements for Doctor of Education see website [www.uni.edu/catalog/collegeofeducation](http://www.uni.edu/catalog/collegeofeducation))

**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)
- **Graduate Major (M.A.) (p. 6)**
  - Philanthropy and Nonprofit Development (p. 6)

**Recreation, Tourism and Nonprofit Leadership (p. 7) -**

- **Undergraduate Major (B.A.)**
  - Recreation, Tourism and Nonprofit Leadership (p. 7)
- **Minor**
  - Recreation, Tourism and Nonprofit Leadership (p. 8)
- **Graduate Major (M.A.)**
  - Recreation, Tourism and Nonprofit Leadership (p. 9)
- **Program Certificates**
  - Nonprofit Leadership (p. 9)
  - Outdoor (p. 10) Leadership and Education (p. 10)
  - Tourism (p. 10)
  - Youth Work in Religious Settings (p. 10) (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 includes courses within specialized academic fields that are relevant to the students' dissertation topics:

- *Allied Health, Recreation, and Community Services*
- *Curriculum and Instruction*
- *Educational Leadership*
- *Postsecondary Education: Student Affairs*
- *Or interdisciplinary track that allows students to mix courses from multiple academic fields*

Students interested in the 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 <https://admissions.uni.edu/application>.

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
Specialized Academic Fields	15
Dissertation	9
<b>Total Hours</b>	<b>48</b>

By design, *all* students are required to study in Professional Common Core that undergirds and defines educational practice and develops skills of problem definition, data collection and analysis, and interpretation. The Specialized Academic Fields provide a specialized focus on practice.

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 Specialized Academic Fields follow:**

### Allied Health, Recreation, and Community Services

This specialized academic field 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 specialized academic field is designed to prepare scholar practitioners to plan, implement, evaluate, and lead educational programs for children, from infancy through adolescence, and adult learners, inclusive of a wide range of diversity. Faculty in

this specialized academic field 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 specialized academic field. For more information, contact the Head, Department of Curriculum and Instruction, or see <https://coe.uni.edu/academics/doctoral-program>.

### Educational Leadership

This specialized academic field 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](http://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 specialized academic field 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](http://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 Track

The interdisciplinary track is designed to offer students a customizable educational path that integrates coursework from multiple academic fields within and beyond the College of Education. This track is ideal for those looking to blend disciplines such as Curriculum and Instruction, Educational Leadership, Postsecondary Education: Student Affairs, Allied Health, Recreation, and Community Services, or other disciplines offered at UNI. Courses in this track may come from a variety of departments and disciplines providing a broad spectrum of expertise and perspectives. Students have the flexibility to choose courses from any academic field offered at UNI, allowing for a personalized educational experience. Through this interdisciplinary track, students are equipped to plan, implement, and supervise programs across diverse professional contexts.

## 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 in the interdisciplinary B.A. Environmental Resource Management: Ecosystems Track may not declare another major or minor in biology.
- 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	General Biology: Organismal Diversity	4
BIOL 3100	Evolution, Ecology and the Nature of Science*	3
CHEM 1110	General Chemistry I	4
EARTHSCI 1300	Introduction to Geology	4
or		
GEOG 1210 & GEOG 1211	Planet Earth and Planet Earth Laboratory	
EARTHSCI 3330/5330	Geomorphology	4
GEOG 2260	Environmental Resource Management	3
GEOG 2410	Geographic Information Systems I	3
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3

## Department of Health, Recreation and Community Services

HIST 4170/5170	U.S. Environmental History	3
<b>Total Hours</b>		<b>31</b>

\* For students pursuing the Environmental Resource Management B.A. degree, the Department of Biology will waive the BIOL 2052 and CHEM 1120 prerequisites for enrollment into BIOL 3100.

**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 31-32 hours are needed for this track. There are 11-12 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	Ecology**	4
CHEM 1120	General Chemistry II §	4
MATH 1140	Precalculus	3-4
or STAT 1772	Introduction to Statistical Methods	

**Electives:** **20**

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

BIOL 4105/5105	Wildlife Ecology and Management**	
BIOL 4108/5108	Biodiversity Conservation Policy**	
BIOL 4167/5167	Conservation Biology**	
BIOL 4180/5180	Restoration Ecology**	

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

BIOL 3109/5109	Plants of North America	
BIOL 3160	Field Zoology of Vertebrates*	
BIOL 3170	Entomology*	
BIOL 4157/5157	Biostatistics**	
BIOL 4164/5164	Mammalogy**	
BIOL 4172/5172	Developmental Plant Anatomy**	

GEOG 4310/5310	GIS Applications: (Variable Topic)	
GEOG 4320/5320	Geographic Information Systems II	
<b>Category C - Cognates (pick at least 1 course)</b>		
EARTHSCI 1200	Elements of Weather	
ENGLISH 4785/5785	Applied Writing: Projects, Grants and Careers ^	
GEOG 2210	Modern Climate Change: Evidence and Predictions	
GEOG 2240	Natural Hazards and Disasters	
GEOG 3179	Cooperative Education in Geography ^	
or BIOL 3179	Cooperative Education	
or EARTHSCI 3430	Internship	
or RTNL 4510	Internship in Recreation, Tourism and Nonprofit Leadership	
or PH 4180	Internship	
GEOG 3220	Environmental Geography: Variable Topic ^	
GEOG 4220/5220	Soils and Landscapes	
GEOG 4270/5270	Science of Scenery	
GEOG 4240/5240	The Ice Age ^	
GEOG 4250/5250	Laboratory Methods in Environmental Geography	
GEOG 4370/5370	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	
<b>Total Hours</b>		<b>31-32</b>

\* For students pursuing the Environmental Resource Management B.A. degree, the Department of Biology will waive BIOL 2052 and CHEM 1120 for BIOL 3000-level courses.

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

§ Students pursuing the Ecosystems track can take CHEM 1110 and CHEM 1120 (8 credits) OR CHEM 1130 (5 credits). CHEM 1130 is designed for students with exceptional preparation in Chemistry. Taking CHEM 1130 changes the total degree requirement from 62-63 credit hours to 59-60 credit hours.

^ These courses have additional prerequisites as follows:  
 ENGLISH 4785/5785 has prerequisites of ENGLISH 2770 or consent of instructor; junior standing.  
 GEOG 3220 has a prerequisite of GEOG 1120 or GEOG 1210 or GEOG 2210 or GEOG 1110 or consent of instructor.  
 GEOG 4240/5240 has prerequisites of GEOG 1210; GEOG 2210; EARTHSCI 1300; or consent of instructor; junior standing.  
 MGMT 3183 has a prerequisite of MGMT 3965/5965.  
 GEOG 3179 has prerequisites of 15 hours of geography at UNI; cumulative GPA of 2.50; junior standing; consent of department.

## Department of Health, Recreation and Community Services

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	Elements of Weather
EARTHSCI 3350/5355	Environmental Hydrology ^
EARTHSCI 3322	Earth Materials ^
GEOG 2210	Modern Climate Change: Evidence and Predictions
GEOG 2240	Natural Hazards and Disasters
GEOG 3220	Environmental Geography: Variable Topic * ^
or	
EARTHSCI 3345/5345	Environmental Geology ***
GEOG 4220/5220	Soils and Landscapes
GEOG 4230/5230	Rivers
GEOG 4250/5250	Laboratory Methods in Environmental Geography
GEOG 4370/5370	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	Wildlife Ecology and Management **
BIOL 4180/5180	Restoration Ecology **
EARTHSCI 3325/5325	Sedimentary Geology ****
EARTHSCI 3360/5360	Field and Laboratory Methods in Hydrology
ECON 3225/5225	Environmental Economics ^
ENGLISH 4785/5785	Applied Writing: Projects, Grants and Careers ^
GEOG 4170/5170	Climate Action Planning

GEOG 4240/5240	The Ice Age *
GEOG 4270/5270	Science of Scenery
GEOG 4310/5310	GIS Applications: (Variable Topic) ^
GEOG 4320/5320	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	Public Budgeting ^
BIOL 3179	Cooperative Education ^
or GEOG 3179	Cooperative Education in Geography
or EARTHSCI 3430	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 and GEOG 1211 or EARTHSCI 1300 as the prerequisite for enrollment into all listed Geography courses except GEOG 4310/5310 and GEOG 4320/5320.

\*\*\*\* The Biology Department will waive BIOL 3140 as a prerequisite for BIOL 4105/5105 and BIOL 4180/5180.

\*\*\*\*\* The Earth and Environmental Sciences Department will accept GEOG 1210 and GEOG 1211 as substitutes for courses that require EARTHSCI 1300.

\*\*\*\*\* The Earth and Environmental Sciences Department will waive the requirement of EARTHSCI 1320 for EARTHSCI 3325/5325.

# # 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.  
 EARTHSCI 3350/5350 has prerequisites of EARTHSCI 1300; junior standing.  
 GEOG 3220 has a prerequisite of GEOG 1120 or GEOG 1210 or GEOG 2210 or GEOG 1110 or consent of instructor.  
 ECON 3225/5225 has prerequisites of ECON 1041, ECON 1051; junior standing.  
 ENGLISH 4785/5785 has prerequisites of ENGLISH 2770 or consent of instructor; junior standing.  
 GEOG 4310/5310 has prerequisites of GEOG 2410; junior standing.  
 GEOG 4320/5320 has prerequisites of GEOG 2410 or consent of instructor; junior standing.  
 POL AMER 3172 has prerequisites of POL AMER 1014; POL AMER 1048.  
 GEOG 3179 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	Modern Climate Change: Evidence and Predictions
GEOG 2240	Natural Hazards and Disasters
GEOG 4170/5170	Climate Action Planning
PH 3720	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	Conservation Biology **
GEOG 4220/5220	Soils and Landscapes
GEOG 4230/5230	Rivers
GEOG 4250/5250	Laboratory Methods in Environmental Geography
GEOG 4270/5270	Science of Scenery
GEOG 4310/5310	GIS Applications: (Variable Topic)
GEOG 4320/5320	Geographic Information Systems II
GEOG 4370/5370	Remote Sensing of the Environment
ENGLISH 4775/5775	Applied Writing: Specialized Documents ^
or ENGLISH 4785/5785	Applied Writing: Projects, Grants and Careers
PH 3710	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	Public Budgeting ^
GEOG 3179	Cooperative Education in Geography ^
or BIOL 3179	Cooperative Education
or EARTHSCI 3430	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 as a prerequisite for BIOL 4167/5167.

\*\*\*\* 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 has prerequisites of MGMT 2080 or ENGLISH 2770 or consent of instructor; junior standing.  
 ENGLISH 4785/5785 has prerequisites of ENGLISH 2770 or consent of instructor; junior standing.  
 POL AMER 3172 has prerequisites of POL AMER 1014; POL AMER 1048.  
 GEOG 3179 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	Principles of Macroeconomics	3
ECON 1051	Principles of Microeconomics	3
ECON 3225/5225	Environmental Economics	3
PH 3720	Environmental and Occupational Health Regulations	3
PHIL 2550	Environmental Ethics	3

#### Primary Focus - Content Related Courses 10

EARTHSCI 1200	Elements of Weather
EARTHSCI 1400	Introduction to Environmental Earth Science
EARTHSCI 3230/5230	Air Quality ^
EARTHSCI 3345/5345	Environmental Geology *
or	

**Department of Health, Recreation and Community Services**

GEOG 3220	Environmental Geography: Variable Topic
EARTHSCI 3350/535	Environmental Hydrology *
<b>Secondary Focus - Cognates</b> <span style="float: right;"><b>7</b></span>	
EARTHSCI 3240/524	Air Quality Modeling ^
EARTHSCI 3250/525	Measurement and Analysis of Air Quality ** ^
EARTHSCI 3325/532	Sedimentary Geology ***
EARTHSCI 3355/535	Hydrogeology *
GEOG 4220/5220	Soils and Landscapes
GEOG 4230/5230	Rivers
GEOG 4370/5370	Remote Sensing of the Environment
PH 3710	Environmental Health Science
RTNL 4554/5554	Managing Recreation Impacts on the Natural Environment
MGMT 3153	Organizational Management *
MGMT 3185	Project Management ^
POL AMER 1048	Introduction to Public Administration
GEOG 3179	Cooperative Education in Geography ^
or BIOL 3179	Cooperative Education
or EARTHSCI 343	Internship
or RTNL 4510	Internship in Recreation, Tourism and Nonprofit Leadership
or PH 4180	Internship
Other courses as approved by advisors and program director	
<b>Total Hours</b>	<b>32</b>

\* \* The Earth and Environmental Sciences Department will accept GEOG 1210 and GEOG 1211 as a substitute for courses that require EARTHSCI 1300.

\*\*\* The Earth and Environmental Sciences Department will waive EARTHSCI 3230/5230 as a prerequisite for enrollment into EARTHSCI 3250/5250.

\*\*\*\* The Earth and Environmental Sciences Department will waive the requirement for EARTHSCI 1320 for EARTHSCI 3325/5325.

^ ^ These courses have additional prerequisites as follows:  
GEOG 3220 has a prerequisite of GEOG 1120 or GEOG 1210 or GEOG 2210 or GEOG 1110 or consent of instructor.  
EARTHSCI 3240/5240 has prerequisites of EARTHSCI 1200; junior standing.  
EARTHSCI 3250/5250 has prerequisites of EARTHSCI 1200; junior standing and a prerequisite or corequisite of EARTHSCI 3230/5230.

GEOG 3179 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.

## Master of Arts Degree Program Major in Philanthropy and Nonprofit Development

The M.A. program in Philanthropy and Nonprofit Development is designed for individuals who have experience in the philanthropy and/or nonprofit areas. The degree will be offered through the Division of Continuing Education with extensive use of distance education technologies. The program is designed to offer professionals the opportunity to continue their study, advancing their knowledge while earning graduate credit in course work targeted toward the following objectives:

1. to develop and enhance professionals' skills and knowledge in the fundraising and nonprofit sectors;
2. to further students' understanding of ethical policy and legal issues as they relate to philanthropy and nonprofit development;
3. to advance students' knowledge of scholarly research, theories and models in the area of nonprofit organizational development, donor relations, grant writing, corporate/foundation relations, advocacy, public funding, and evaluation/accountability; and
4. to enhance students' mastery of skills in the aforementioned areas.

Students interested in this program must submit a completed Application for Admission to Graduate Study, which includes transcripts of undergraduate and graduate credits, and have three letters of recommendation sent to the Office of Admissions. Interested students should refer to their MyUNiverse Student Center To-Do list or contact the program director for any other application requirements. It is expected that students will have experience in the field prior to admission. Graduate information and application for graduate admission can be found at <https://admissions.uni.edu/application>.

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

**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 on the **non-thesis** option only. A **minimum of 30 semester hours** of graduate course work is required. A **minimum of 21 hours of 6000-level course work, including 3 hours of HRCS 6299 is required**. The 30 hours are prescribed below.

### Required

Communication and Media:		
COMM PR 4855/5855	Public Relations Campaign Methods	3
Management:		
MGMT 6260	Leading People, Driving Success: Leadership and HR Management	3
Public Policy:		

PUBPOL 6220	Public Policy, Advocacy and Public Funding	2
<b>Recreation, Tourism and Nonprofit Leadership:</b>		
RTNL 6203	Philanthropy and Nonprofit Development: An Overview	3
RTNL 6285	Readings	2
HRCS 6299	Research	3
RTNL 6406	Fundraising and Grant Seeking for Nonprofit Agencies	3
RTNL 6408	Financial Decision Making for Youth/Human Service Agencies	3
RTNL 6410	Evaluation, Research and Accountability	3
RTNL 6419	Psychology, Law, and Philanthropy	2
RTNL 6420	Critical Thinking in Philanthropic and Nonprofit Issues	2
RTNL 6422	Applied Research Methods	2
<b>Total Hours</b>		<b>31</b>

## 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 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 UNIFI/General Education 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 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:

Required:

RTNL 2110	Introduction to RTNL: Programs, Services and Facilities	3
RTNL 2020	Leadership in Recreation, Tourism and Nonprofit Leadership	3
RTNL 2160	Inclusive Recreation: Pathways to Participation	3
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

## Department of Health, Recreation and Community Services

RTNL 4340	Seminar in Recreation, Tourism and Nonprofit Leadership	3
or HRCS 4000	Professional Readiness Seminar	
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 3340	Prevention & Intervention Programs in Youth Work	
RTNL 3777/5777	Special Events Management	
RTNL 3778/5778	Community Based Tourism	
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 4623/5623	Field Experience in Camp Counseling	
RTNL 4776/5776	Eco, Adventure and Sport Tourism	
RTNL 4779/5779	Community Planning Workshop	

**Total Hours** **51**

\* 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

Required:

Select six (6) credit hours from the following:		6
RTNL 2110	Introduction to RTNL: Programs, Services and Facilities	
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	Inclusive Recreation: Pathways to Participation	
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	
Select six (6) credit hours from the following:*		6
RTNL 3340	Prevention & Intervention Programs in Youth Work	
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	

**Total Hours** **18**

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



## Master of Arts Degree Program Major in Recreation, Tourism and Nonprofit Leadership

The Master of Arts degree in Recreation, Tourism and Nonprofit Leadership 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 <https://admissions.uni.edu/application>.

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

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	Health Equity, Advocacy, and Policy	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	Health of Vulnerable Populations
PH 3140/5140	Planning and Evaluating Public Health Programs
PH 4393/5393	Epidemiological Methods, Research Design, and Analysis
PH 3640	Worksite Health Promotion
PH 3660/5660	Public Health Theory
PH 3340	International Health
PH 3710	Environmental Health Science
PH 3730	Toxins and Health
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.

### Nonprofit Leadership 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:

RTNL 2130	Foundations of the Nonprofit Sector	3
RTNL 2210	Nonprofit Leadership Practicum, Level I	3

## Department of Health, Recreation and Community Services

RTNL 3110	Management and Human Resources in Recreation, Tourism and Nonprofit Leadership	3
RTNL 3130	Marketing in Recreation, Tourism and Nonprofit Leadership	3
RTNL 4320 or ACCT 2120	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership Principles of Financial Accounting	3
<b>Total Hours</b>		<b>15</b>

### Outdoor Leadership and Education Certificate

The Outdoor Leadership and Education 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 Leadership and Education 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:		
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	Prevention and Care of Athletic Injuries *	
AT 1019	Prevention and Care Laboratory *	
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	
RTNL 4625/5625	Camp Management Systems	
<b>Total Hours</b>		<b>15</b>

\* AT 1018 has a prerequisite of KINES 2050.  
AT 1019 has a prerequisite of AT 1018.

### 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	
<b>Total Hours</b>		<b>15</b>

\* If student has successfully completed MKTG 2110 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	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: 6 hours of RELS xxxx courses		6
<b>Total Hours</b>		<b>18</b>

## 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

## Department of Health, Recreation and Community Services

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.

### **Philanthropy and Nonprofit Development, M.A.**

1. Students can effectively communicate philanthropy and nonprofit specific knowledge through written communication.

SLO 1. Demonstrates a thorough understanding of context, audience, and purpose of communication in philanthropy and nonprofit development.

SLO 2. Uses appropriate, relevant, and compelling philanthropy and nonprofit related content.

SLO 3. Demonstrates attention to, and successful execution of organization, presentation of relevant content, formatting, and stylistic choice.

SLO 4. Demonstrates skillful and mastery use of high-quality, credible, relevant sources.

SLO 5. Uses discipline related and highly relevant language that skillfully communicates meaning to readers with clarity and fluency, and is error-free.

2. Students will be able to systematically process a nonprofit and philanthropic issue and analyze evidence.

SLO 1. Synthesizes in-depth information from relevant sources representing various points of view/approaches.

SLO 2. Skillfully develop the methodology or theoretical framework.

SLO 3. Organize and synthesize evidence to reveal insightful patterns, differences, or similarities related to the topic.

SLO 4. State a conclusion that is based on a logical extrapolation from the inquiry findings.

SLO 5. Insightfully discuss in details relevant and supported limitations and implications.

### **Recreation, Tourism, and Nonprofit Leadership, M.A.**

1. Students will demonstrate the skills necessary to effectively and efficiently deliver recreation, tourism and nonprofit leadership 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.**

This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester

schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
<b>Freshman</b>		
<b>Fall</b>		
BIOL 2051	General Biology: Organismal Diversity	4
EARTHSCI 1300	Introduction to Geology (or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	4
STAT 1772	Introduction to Statistical Methods	3
UNIFI/General Education or University Electives		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 1110	General Chemistry I	4
GEOG 2410	Geographic Information Systems I	3
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>13</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 3100	Evolution, Ecology and the Nature of Science	3
GEOG 2260	Environmental Resource Management	3
CHEM 1120	General Chemistry II	4
UNIFI/General Education or University Electives		3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
Major Electives		4
UNIFI/General Education or University Electives		12
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 4168/5168	Ecology	4
EARTHSCI 3330/5330	Geomorphology	4
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
UNIFI/General Education or University Electives		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
HIST 4170/5170	U.S. Environmental History	3
Major Electives		4
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
Major Electives		8
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
Major Electives		4
UNIFI/General Education or University Electives		13
<b>Hours</b>		<b>17</b>
<b>Total Hours</b>		<b>120</b>

## Environmental Resource Management: Geosystems, B.A.

This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
<b>Freshman</b>		
<b>Fall</b>		
BIOL 2051	General Biology: Organismal Diversity	4
EARTHSCI 1300	Introduction to Geology (or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	4
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 1110	General Chemistry I	4
GEOG 2410	Geographic Information Systems I	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 3100	Evolution, Ecology and the Nature of Science	3
GEOG 2260	Environmental Resource Management	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major Electives		9
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
EARTHSCI 3330/5330	Geomorphology	4
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
HIST 4170/5170	U.S. Environmental History	3
Major Electives		6
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major Electives		9
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major Electives		6
UNIFI/General Education or University Electives		8
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

**Environmental Resource Management:  
Resource Administration, B.A.**

This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
<b>Freshman</b>		
<b>Fall</b>		
BIOL 2051	General Biology: Organismal Diversity	4
EARTHSCI 1300	Introduction to Geology ( or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	4
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 1110	General Chemistry I	4
GEOG 2410	Geographic Information Systems I	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 3100	Evolution, Ecology and the Nature of Science	3
GEOG 2260	Environmental Resource Management	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major Electives		9
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
EARTHSCI 3330/5330	Geomorphology	4
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
HIST 4170/5170	U.S. Environmental History	3
Major Electives		6
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major Electives		9
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major Electives		6
UNIFI/General Education or University Electives		8
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>120</b>

**Environmental Resource Management:  
Environmental Compliance, B.A.**

This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
<b>Freshman</b>		
<b>Fall</b>		
BIOL 2051	General Biology: Organismal Diversity	4
EARTHSCI 1300	Introduction to Geology ( or GEOG 1210 Physical Geography and GEOG 1211 Physical Geography Lab)	4
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
CHEM 1110	General Chemistry I	4
GEOG 2410	Geographic Information Systems I	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>16</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 3100	Evolution, Ecology and the Nature of Science	3
GEOG 2260	Environmental Resource Management	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major Electives		10
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
EARTHSCI 3330/5330	Geomorphology	4
RTNL 4320	Financial Resource Management in Recreation, Tourism and Nonprofit Leadership	3
UNIFI/General Education or University Electives		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
HIST 4170/5170	U.S. Environmental History	3
Major Electives		6
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
Major Electives		9
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Major Electives		7
UNIFI/General Education or University Electives		6
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>