

Date Submitted: 07/23/24 3:36 pm

Viewing: **5239 : Natural Resources & Environmental Sciences: Environmental Social Sciences, BS ~~Human Dimensions of the Environment, BS~~**

Last approved: 11/14/23 5:40 pm

Last edit: 09/27/24 8:01 am

Changes proposed by: James Miller

Catalog Pages Using this Program [Natural Resources & Environmental Sciences: Human Dimensions of the Environment, BS](#)

Proposal Type:

In Workflow

1. U Program Review
2. 1875 Committee Chair
3. 1875 Head
4. KL Committee Chair
5. KL Dean
6. University Librarian
7. COTE Programs
8. Provost
9. Senate EPC
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DMI

Approval Path

1. 08/06/24 12:05 pm
Emily Stuby (eastuby): Approved for U Program Review
2. 08/07/24 3:20 pm
James Miller (jrmillr): Approved for 1875 Committee Chair
3. 08/08/24 10:02 am
Robert Schooley (schooley): Approved for 1875 Head
4. 09/20/24 1:28 pm
Brianna Gregg (bjgray2): Approved for KL

- Committee Chair
5. 09/23/24 10:02 am
Anna Ball (aball):
Approved for KL
Dean
 6. 09/23/24 10:22 am
Tom Teper
(tteper): Approved
for University
Librarian
 7. 09/23/24 11:12 am
Suzanne Lee
(suzannel):
Approved for
COTE Programs
 8. 09/24/24 11:58 am
Brooke Newell
(bsnewell):
Rollback to KL
Committee Chair
for Provost
 9. 09/24/24 12:26 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
 10. 09/24/24 12:53 pm
Anna Ball (aball):
Approved for KL
Dean
 11. 09/24/24 1:19 pm
Tom Teper
(tteper): Approved
for University
Librarian
 12. 09/24/24 1:54 pm
Suzanne Lee
(suzannel):
Approved for
COTE Programs
 13. 09/25/24 3:43 pm
Brooke Newell

(bsnewell):
Approved for
Provost

History

1. Mar 18, 2019 by
Deb Forgacs
(dforgacs)
2. Jun 12, 2020 by
Susan Helmink
(shelmink)
3. Nov 14, 2023 by
Kathy Martensen
(kmartens)

Concentration (ex. Dietetics)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Natural Resources & Environmental Sciences: <u>Environmental Social Sciences, BS</u> Human Dimensions of the Environment, BS	
Diploma Title		
Sponsor College	Agr, Consumer & Env Sciences	
Sponsor Department	Natural Res & Env Science	
Sponsor Name	Jim Miller, Professor and Chair of the NRES Courses and Curriculum Committee	
Sponsor Email	jrmillr@illinois.edu	
College Contact	<u>Brianna Gregg</u> Tony Yannarell, Associate Professor and Chair of the ACES Courses and Curriculum Committee	College Contact Email <u>bygray2@illinois.edu</u> acyann@illinois.edu
College Budget Officer		
College Budget Officer Email		

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term Fall 2025

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberals Art and Sciences, include the Graduate College for Grad Programs)

Revise and Rename the Concentration in Human Dimensions of the Environment in the Bachelor of Science in Natural Resources & Environmental Sciences in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised during the next 6 weeks? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently. Example: If you are revising the BS proposal and one related concentration within the next 6 weeks, "This BS proposal (key 567) is related to the Concentration A proposal (key 145)."

This concentration proposal (Key 633) is related to the NRES, BS proposal (Key 86) and concentrations Fish Wildlife & Conservation Biology (Key 631), Environmental Science & Management (Key 632), and Ecosystem Stewardship & Restoration Ecology (Key 634).

Program Justification

Provide a brief description of what changes are being made to the program.

CHANGES TO THE MAJOR

1. Adding ABE 152, ACES 102, ATMS 140, CPSC 113, GEOL 118, MCB 150 and NPRE 101 as electives in our Science requirement.
2. Adding ACE 262 and STAT 107 as an electives in the Statistics requirement.
3. Removing ACE 261 as an elective in the Statistics requirement.
4. Removing RHET 105.
5. Adding ALEC 115 to the Communications requirement.
6. Moving the coursework required in the Speech Requirement, Quantitative Reasoning, Natural Sciences and Technology, and Social and Behavioral Sciences into a new subheading called Major Requirements. We also created additional headings

underneath this requirement to appropriately identify the coursework.

7. Listing courses in the POS Table vertically.

8. Revising text in the Program Regulation and Assessment section.

9. Updating course number for NRES 285 to NRES 385.

10. Adding the major requirements into the Program of Study table as per campus request.

11. Adding graduation requirements, university requirements, and general education requirements per Office of the Provost General Education Initiative.

CHANGES TO THE CONCENTRATION

12. Changing the name of the Human Dimensions of the Environment concentration to Environmental Social Sciences (ESS).

13. Removing NRES 423, NRES 424, NRES 428, NRES 430, MDIA 223, ACE 210, LA 370, NRES 402, NRES 415, and NRES 423 as electives in the NRES ESS concentration.

14. Adding NRES 425, NRES 434, NRES 439, AGCM 330, ESE 467, LA 446, RST 317, RST 450, NRES 465, NRES 480, ESE 482, and IB 361 as electives in the NRES ESS concentration.

Did the program content change 25% or more in relation to the total credit hours, since the 2020-2021 catalog. (<http://catalog.illinois.edu/archivedacademiccatalogs/2020-2021/>)

No

Why are these changes necessary?

CHANGES TO THE MAJOR

1. Adding 7 electives in our Science requirement to relieve a bottleneck that students have been experiencing with our current list of electives.
2. Adding ACE 262 and STAT 107 as an electives in our Statistics requirement as a response to numerous student petitions to substitute this particular course, and faculty input on the merits of the course in meeting the requirement.
3. Removing ACE 261 as an elective in our Statistics requirement because it is no longer offered.
4. Removing RHET 105 because students should follow the campus guidelines for Composition 1 replacement.
5. Adding ALEC 115 as another option from our college to meet the Communications requirement.
6. To adhere to the campus standards for gen ed requirements and as such, more specific lists of courses are now listed in the major that happen to fulfill gen ed requirements.
7. Listing courses in the POS table vertically instead of horizontally to adhere to formatting guidelines.
8. Revising for accuracy.
- 9, Course number for NRES 285 was changed to NRES 385 because the course is taken by juniors and seniors. This change also facilitates adherence to the IBHE 40 Upper-Division Hour Criterion.
10. Adding the major requirements for increased transparency and accuracy.
11. To create more consistency to the General Education program across campus and make it easier for students, advisors, and others to navigate our Academic Catalog Programs of Study pages, campus has requested majors to use the Gen Ed template.

CHANGES TO THE CONCENTRATION

12. Changing the name of the Human Dimensions of the Environment concentration to Environmental Social Sciences as the latter is more representative of current scholarship in the department. This is a more contemporary label that emphasizes the scientific basis of disciplines revolving around human-environment interactions rather than the management or communication related outcomes from social science research.
13. NRES 423 was last taught in 2019. LA 370 was last taught in 2018. NRES 402, NRES 424, NRES 428, and NRES 430 are no longer offered. NRES 415 is not considered to be meeting the intent of this elective. MDIA 223 and ACES 210 were removed so that electives in the concentration contribute to meeting the IBHE 40

Upper-Division Hour Criterion.

14. NRES 425, NRES 434, NRES 439, NRES 480, and AGCM 330 are new since the last time the electives in the ESS concentration were revised and are considered suitable for this concentration. ESE 467, LA 446, RST 317, RST 450, ESE 482, and IB 361 are also considered suitable electives for this concentration.

Interim Guidance Regarding Implementation of the IBHE 40 Upper-Division Hour Criterion

Students can meet the 40 hour of upper division coursework requirement by taking the following:

Major Coursework:

NRES 201 - 4 hrs (prerequisites: MATH 115, MATH 234, or equivalent, and CHEM 102)

NRES 325 - 3 hrs

NRES 385 - 2 hrs

NRES 348 - 3 hrs

NRES 421 - 3 hrs

NRES 454 - 4 hrs

NRES 456 - 3 hrs

Concentration Coursework:

NRES 340 - 3 hrs

NRES 472 - 4 hrs

ACE 310 - 3 hrs

Two social science courses - 6-8 hrs

One conservation/development/ecology course - 3-4 hrs

range of upper division course hours in concentration: 19 - 22

Note: NRES 385 has been approved, effective Fall 2025, and will show as course not found until the Academic Catalog rolls to the next Academic Year, in early 2025. See CIM Course approval documents in the Program of Study section.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/revision of this program?

Yes

Courses outside
of the sponsoring
department/interdisciplinary

departments

[ABE 152 - Water in Global Environment](#)

[ACES 102 - Intro Sustainable Food Systems](#)

[CPSC 113 - Environment, Agric, & Society](#)

[ATMS 140 - Climate and Global Change](#)

[GEOL 118 - Natural Disasters](#)

[MCB 150 - Molec & Cellular Basis of Life](#)

[NPRE 101 - Introduction to Energy Sources](#)

[ACE 262 - App Stat Mthds & Data AnlytcsI](#)

[STAT 107 - Data Science Discovery](#)

[RHET 105 - Writing and Research](#)

[ALEC 115 - Talk About Food, Ag, Env](#)

[ACE 210 - Environmental Economics](#)

[MDIA 223 - Watching the Environment](#)

[LA 370 - Environmental Sustainability](#)

[LA 446 - Sustainable Planning Seminar](#)

[AGCM 330 - Environmental Communications](#)

[ESE 467 - Multimedia Environmental Comms](#)

[RST 317 - Designing Parks and Rec Exp](#)

[RST 350 - Tourism and Culture](#)

[ESE 482 - Challenges of Sustainability](#)

[IB 361 - Ecology and Human Health](#)

Please attach any letters of support/acknowledgement for any Instructional Resources consider faculty, students, and/or other impacted units as appropriate.

[Comp I Rhet Update - English Support Letter 1 Feb 12 2024.pdf](#)
[LetterofSupport_STAT 107 as an elective in NRES curriculum.pdf](#)
[LetterofSupport_ABE 152_NRES.pdf](#)
[LetterofSupport_ACE 262 as an NRES elective.pdf](#)
[LetterofSupport_ALEC 115 as an NRES elective.pdf](#)
[LetterofSupport_ACES102_NRES.pdf](#)
[LetterofSupport_ATMS 140_support.pdf](#)
[LetterofSupport_CPSC 113 LOS NRES.pdf](#)
[LetterofSupport_GEOL 118 as NRES elective.pdf](#)
[LetterofSupport_MCB 150 LOS NRES.pdf](#)
[LetterofSupport_NPRE 101 as an elective in the NRES curriculum.pdf](#)
[LetterofSupport_MDIA223_NRES curriculum.pdf](#)
[LetterofSupport_agcm330_NRES curriculum.pdf](#)
[LetterofSupport_ESE 445 467 482_NRES curriculum.pdf](#)
[LetterofSupport_RST 317 450_NRES curriculum.pdf](#)
[LetterofSupport_LA446_NRES curriculum.pdf](#)
[LetterofSupport_IBCourses_NRES curriculum.pdf](#)
[LetterofSupport_ACE210_NRES curriculum.pdf](#)
[LetterofSupport_ENSU300_LA370_NRES curriculum.pdf](#)

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student

performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

List the program's student learning outcomes. Each outcome should identify what students are expected to know and/or be able to do upon completing this program.

Students graduating with the B.S. in NRES should be able to:

1. Understand the scientific method/ways of knowing and critically evaluate information.

2. Integrate principles of biological, chemical, physical, and social sciences and apply them to resource and environmental issues using a systems approach.

3. Understand ecological principles underpinning management of resources, populations, communities, and ecosystems.

4. Use data collection and analysis tools (such as field methods, GIS, modeling, and statistics) to develop plans for managing resource/environmental challenges and adapt plans in response to rapid change.

5. Understand the policies governing resources and the environment and identify social dimensions (stakeholders, interests, trade-offs, synergies, ethical principles) to consider in the development of management plans.

6. Communicate effectively with colleagues, stakeholders, and the public about environmental and resource management issues.

7. Recognize how diverse groups understand the environment, experience positive and negative environmental impacts, and perceive just and equitable solutions. ~~All subject areas/courses in the major have been selected because they specifically address the learning objectives of the major. We therefore intend to use student performance in these courses as benchmarks to ensure that students have achieved these educational goals. All courses in Natural Resources and Environmental Sciences regularly undergo peer-review assessments, and we will continue this practice for all courses in the major.~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Student learning outcomes will be assessed via biannual course-based assessment and analysis of department and campus annual surveys. Course-based assessment focuses on major core requirements taken by all students. The department conducts an annual senior survey to gauge the perspective of graduating seniors on their level of knowledge and preparedness regarding the student learning outcomes. Data collected in the Chancellor's Senior Survey is also considered.

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

For most direct measurements in all student learning outcomes, faculty expect 75% or 80% of students to score 80% or higher. Faculty expectations might be higher or lower depending on the item being assessed and prior performance.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

An annual summary report will be produced by a subcommittee of the NRES Courses and Curriculum Committee, consisting of the Academic Advising Coordinator, Student Services Coordinator, and Undergraduate Teaching Coordinator. A report on the findings from assessment efforts in the previous academic year is presented at the monthly meeting of the NRES faculty in late September/early October each year. The NRES Courses and Curriculum Committee shall be responsible for utilizing the information from the report and faculty feedback to initiate curriculum improvements.

Program

Description and

Requirements

Attach Documents

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PublicAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

Revised programs [NRES sample sequence ESS 2024 July.xlsx](#)
[NRES 385 Field Experience course approval.pdf](#)
[NRES ESS curriculum revision proposal 2024 final.docx](#)

Attach a revised Sample Sequence (for undergraduate program) or college-level forms.

Catalog Page Text - Overview Tab

Description of program for the catalog page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

No changes

Statement for

Programs of

Study Catalog

Graduation Requirements
Minimum hours for graduation: 126 hours.

University Requirements

Minimum of 40 hours of upper-division coursework generally at the 300- and 400-level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by

courses required and/or electives in the program.

Course List		
Code	Title	Hours
	<u>Composition I</u>	<u>4-6</u>
	<u>Advanced Composition</u>	<u>3</u>
	<u>Humanities & the Arts (6 hours)</u>	<u>6</u>
	<u>Natural Sciences & Technology (6 hours)</u>	<u>6</u>
	<u>fulfilled by CHEM 102, CHEM 104, IB 103; and IB 104 or IB 150; and ABE 152 or ACES 102 or ATMS 140 or CPSC 113 or GEOL 107 or GEOL 118 or GGIS 103 or MCB 100 or MCB 150 or NPRE 101 or PHYS 101 or PHYS 211</u>	
	<u>Social & Behavioral Sciences (6 hours)</u>	<u>6</u>
	<u>fulfilled by ACE 100 or ECON 102; and NRES 287</u>	
	<u>Cultural Studies: Non-Western Cultures (1 course)</u>	<u>3</u>
	<u>Cultural Studies: Western/Comparative Cultures (1 course)</u>	<u>3</u>
	<u>fulfilled by NRES 287</u>	
	<u>Cultural Studies: US Minority Cultures (1 course)</u>	<u>3</u>
	<u>Quantitative Reasoning (6-10 hours; at least one course must be Quantitative Reasoning I)</u>	<u>6-10</u>
	<u>fulfilled by MATH 220 or MATH 221 or MATH 234; and ACE 262 or CPSC 241 or ECON 202 or PSYC 235 or SOC 280 or STAT 100 or STAT 107</u>	
	<u>Language Requirement (0-15 hours; completion of the third semester or equivalent of a language other than English is required)</u>	<u>0-15</u>

Course List

Code	Title	Hours
	<u>Major Requirements</u>	
	<u>Communications Requirement</u>	<u>3 or 6</u>
	<u>Select from the following:</u>	
<u>CMN 101</u>	<u>Public Speaking</u>	
<u>CMN 111</u>	<u>Oral & Written Comm I</u>	
<u>& CMN 112</u>	<u>and Oral & Written Comm II</u>	
<u>ALEC 115</u>	<u>Let's Talk about Food, Agriculture, and the Environment</u>	
	<u>Economics Requirement</u>	<u>3-4</u>
	<u>Select from the following:</u>	
<u>ACE 100</u>	<u>Introduction to Applied Microeconomics</u>	
<u>ECON 102</u>	<u>Microeconomic Principles</u>	
	<u>Math Requirement</u>	<u>4-5</u>
	<u>Select from the following:</u>	
<u>MATH 220</u>	<u>Calculus</u>	
<u>MATH 221</u>	<u>Calculus I</u>	
<u>MATH 234</u>	<u>Calculus for Business I</u>	
	<u>Statistics Requirement</u>	<u>3-4</u>
	<u>Select from the following:</u>	
<u>ACE 262</u>	<u>Applied Statistical Methods and Data Analytics I</u>	
<u>CPSC 241</u>	<u>Intro to Applied Statistics</u>	
<u>ECON 202</u>	<u>Economic Statistics I</u>	
<u>PSYC 235</u>	<u>Intro to Statistics</u>	
<u>SOC 280</u>	<u>Intro to Social Statistics</u>	
<u>STAT 100</u>	<u>Statistics</u>	
<u>STAT 107</u>	<u>Data Science Discovery</u>	

Code	Title	Hours
<u>Science Requirements</u>		<u>19-22</u>
<u>CHEM 102</u>	<u>General Chemistry I</u>	
& <u>CHEM 103</u>	<u>and General Chemistry Lab I</u>	
<u>CHEM 104</u>	<u>General Chemistry II</u>	
& <u>CHEM 105</u>	<u>and General Chemistry Lab II</u>	
<u>IB 103</u>	<u>Introduction to Plant Biology</u>	
<u>IB 104</u>	<u>Animal Biology</u>	
or <u>IB 150</u>	<u>Organismal & Evolutionary Biol</u>	
& <u>IB 151</u>	<u>and Organismal & Evol Biol Lab</u>	
<u>Select one additional course from the following:</u>		
<u>ABE 152</u>	<u>Water in the Global Environment</u>	
<u>ACES 102</u>	<u>Intro Sustainable Food Systems</u>	
<u>ATMS 140</u>	<u>Climate and Global Change</u>	
<u>CPSC 113</u>	<u>Environment, Agriculture, and Society</u>	
<u>GEOL 107</u>	<u>Physical Geology</u>	
<u>GEOL 118</u>	<u>Natural Disasters</u>	
<u>GGIS 103</u>	<u>Earth's Physical Systems</u>	
<u>MCB 100</u>	<u>Introductory Microbiology</u>	
<u>MCB 150</u>	<u>Molec & Cellular Basis of Life</u>	
<u>NPRE 101</u>	<u>Introduction to Energy Sources</u>	
<u>PHYS 101</u>	<u>College Physics: Mech & Heat</u>	
<u>PHYS 211</u>	<u>University Physics: Mechanics</u>	
<u>College of ACES Requirements (Core)</u>		<u>2</u>
<u>ACES 101</u>	<u>Contemporary Issues in ACES</u>	
<u>Natural Resources and Environmental Sciences Requirements (Core)</u>		<u>31-33</u>
<u>NRES 102</u>	<u>Introduction to NRES</u>	
<u>NRES 201</u>	<u>Introductory Soils</u>	
<u>NRES 219</u>	<u>Applied Ecology</u>	
<u>NRES 287</u>	<u>Environment and Society</u>	
<u>NRES 325</u>	<u>Natural Resource Policy Mgmt</u>	
<u>NRES 348</u>	<u>Fish and Wildlife Ecology</u>	
<u>NRES 385</u>	<u>Course NRES 385 Not Found</u>	
<u>NRES 421</u>	<u>Quantitative Methods in NRES</u>	
<u>NRES 454</u>	<u>GIS in Natural Resource Mgmt</u>	
<u>NRES 456</u>	<u>Integrative Ecosystem Management</u>	
<u>Select one additional field experience course from the following:</u>		
<u>NRES 293</u>	<u>Professional Internship</u>	
<u>NRES 294</u>	<u>Resident Internship</u>	
<u>NRES 295</u>	<u>Undergrad Research or Thesis</u>	
<u>NRES 385</u>	<u>Course NRES 385 Not Found</u>	
<u>NRES 396</u>	<u>UG Honors Research or Thesis</u>	

Course List

Code	Title	Hours
<u>Concentration Core Requirements</u>		
<u>NRES 340</u>	Environ Social Sci Res Meth	3
<u>NRES 472</u>	Environmental Psychology	4
<u>ACE 310</u>	Natural Resource Economics	3

Code	Title	Hours
Concentration Elective Requirements		
Two Social Science Courses		6-8
NRES 423	Course NRES 423 Not Found	
NRES 424	Course NRES 424 Not Found	
	NRES 428 Valuing Nature	
NRES 430	Course NRES 430 Not Found	
ACE 210	Environmental Economics	
<u>NRES 425</u>	<u>Natural Resources Law & Policy</u>	
<u>NRES 434</u>	<u>Environment, Policy, and Conflict</u>	
<u>NRES 439</u>	<u>Env and Sustainable Dev</u>	
<u>ACE 406</u>	<u>Environmental Law</u>	
LA 370	Environmental Sustainability	
MDIA 223	Watching the Environment	
<u>AGCM 330</u>	<u>Environmental Communications</u>	
<u>ESE 467</u>	<u>Multimedia Environmental Communications</u>	
<u>LA 446</u>	<u>Sustainable Planning Seminar</u>	
<u>RST 317</u>	<u>Designing Parks and Recreation Experiences</u>	
<u>RST 450</u>	<u>Tourism Planning & Development</u>	
<u>SOC 447</u>	<u>Environmental Sociology</u>	
One Conservation/Development/Ecology Course		3-4
<u>NRES 302</u>	<u>Dendrology</u>	
<u>NRES 362</u>	<u>Ecology of Invasive Species</u>	
NRES 402	Course NRES 402 Not Found	
<u>NRES 407</u>	<u>Wildlife Population Ecology</u>	
<u>NRES 409</u>	<u>Fishery Ecol and Conservation</u>	
NRES 415	Native Plant ID and Floristics	
<u>NRES 418</u>	<u>Wetland Ecology & Management</u>	
NRES 423	Course NRES 423 Not Found	
<u>NRES 485</u>	<u>Stream Ecosystem Management</u>	
<u>NRES 420</u>	<u>Restoration Ecology</u>	
<u>NRES 429</u>	<u>Aquatic Ecosystem Conservation</u>	
<u>NRES 465</u>	<u>Landscape Ecology</u>	
<u>NRES 474</u>	<u>Soil and Water Conservation</u>	
<u>NRES 480</u>	<u>Human-Wildlife Interactions</u>	
<u>ESE 482</u>	<u>Challenges of Sustainability</u>	
<u>IB 361</u>	<u>Ecology and Human Health</u>	
<u>UP 406</u>	<u>Urban Ecology</u>	
Total Concentration Hours		19-22
<u>Total Hours</u>		<u>126</u>

Program Relationships

Corresponding

Program(s):

Corresponding Program(s)

Natural Resources & Environmental Sciences, BS
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Program Features

Academic Level Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

Delivery Method

This program is
available:

On Campus - Students are required to be on campus, they may take some online courses.

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

We do not anticipate impacts on enrollment or degrees awarded.

Budget

Are there No
budgetary
implications for
this revision?

Will the program or revision require staffing (faculty, advisors, etc.)
beyond what is currently available?

No

Additional Budget
Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

These changes only impact courses currently offered, so we do not anticipate any financial costs to this revision.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

Faculty resources are sufficient to support this proposal.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

Library resources, collections, and services are sufficient to support this proposal.

EP Documentation

EP Control Number EP.25.021

Attach Rollback/Approval Notices

This proposal requires HLC inquiry No

DMI Documentation

Attach Final Approval Notices [U Program Review Comments KEY 633 8 6 2024.docx](#)
[Provost Review Comments KEY 633 9 24 2024.docx](#)

Banner/Codebook Name Human Dimensions of the Environment

Program Code: 5239

Minor Code	0051	Conc Code	5239	Degree Code	BS	Major Code	
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Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval

Date

HLC Approval

Date

DOE Approval

Date

Effective Date:

Attached

Document

Justification for

this request

Program Reviewer
Comments

Brooke Newell (bsnewell) (08/06/24 8:27 am): U Program Review Comments are attached in DMI Documentation section

Brooke Newell (bsnewell) (09/24/24 11:58 am): Rollback: Provost Review Comments attached in DMI Documentation section. Rolled back per discussion with Jim Miller.