

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN SENATE  
COMMITTEE ON EDUCATIONAL POLICY  
(Final; Information)

EP.20.180 Report of Administrative Approvals through May 11, 2020

Senate committees are authorized to act for and in the name of the Senate on minor matters. Below is a listing of the administrative approvals the Senate Committee on Educational Policy approved at its meeting on May 11, 2020. Additional information for each approval is attached.

**A. Graduate Programs**

- 1) **MA in Slavic Languages and Literatures** – revise the list of courses from which students are to select 2 or 4 hours to replace IS 530, Collection Development (4 hours) with IS 461, Russian, East European, and Eurasian Bibliography & Research Methods (4 hours). Total hours required does not change.

**B. Undergraduate Programs**

- 1) **BS in Natural Resources and Environmental Sciences** – revise the Natural Science and Technology general education requirement listing in the Program of Study to make it clear students may choose from IB 104, Animal Biology (4 hours) OR IB 150, Organismal & Evolutionary Biol (4 hours) AND IB 151, Organismal & Evol Biol Lab (1 hour). In the list of Field Experience courses from which students are to choose 1-2 hours, add NRES 396, UG Honors Research or Thesis, as an option. Total required hours do not change.
- 2) **BS in Natural Resources and Environmental Sciences, Human Dimensions of the Environment concentration** – revise the list of Concentration Elective Requirements as follows:
  - In the list of Social Science courses from which students are to select 6-8 hours, remove GEOG 493, Democracy and Environment, (3 hours; deactivated effective FA 19), and RST 217, Designing Parks and Recreation Experiences (3 hours), which was renumbered to RST 317 effective FA 19. Ten courses remain from which students may select.
  - In the list of Conservation/Development/Ecology courses from which students are to select 3-4 hours, remove NRES 340, Environ Social Sci Res Meth (3 hours) and NRES 439, Env and Sustainable Dev (3 hours) and add NRES 302, Dendrology (4 hours); NRES 362 (3 hours); NRES 402, Ecohydrology and Water Management (3 hours); NRES 418, Wetland Ecology & Management (3 hours); NRES 423, Politics of International Conservation and Development (3 hours); and NRES 485, Stream Ecosystem Management (4 hours).

There is no change to the total hours required for the concentration.

- 3) **BS in Natural Resources and Environmental Sciences, Environmental Science & Management concentration** – move NRES 401, Watershed Hydrology (3 hours) from an option in the list of Soil and Water Science courses from which students are to select 6-8 hours to a concentration core requirement such that students may choose NRES 402, Ecohydrology and Water Management (3 hours) or NRES 401. Nine courses remain from which students may select to fulfill the Soil and Water Science requirement. There is no change to the total hours required for the concentration.

- 4) **BS in Natural Resources and Environmental Sciences, Stewardship & Restoration Ecology concentration** – revise the list of Concentration Elective Requirements as follows:
- Add NRES 302, Dendrology (4 hours), to the list of Ecology Courses from which students are to select 6-7 hours.
  - Add NRES 401, Watershed Hydrology (3 hours), to the list of Ecosystem or Management Courses from which students are to select 3-4 hours.

There is no change to the total hours required for the concentration.

- 5) **BS in Natural Resources and Environmental Sciences, Fish Wildlife & Conservation Biology concentration** – in the list of Specialization Courses from which students are to select 3-4 hours, add NRES 485, Stream Ecosystem Management (4 hours), as an option. There is no change to the total hours required for the concentration.
- 6) **BS in Special Education** – remove SPED 312, Introduction to Educational Technology (2 hours) as a Professional Education Requirement, as this course is not linked to any current licensure competencies. This allows students two additional elective hours to meet the 125 minimum. There is no change to the total hours required for the major.

# 10KS0302MA: SLAVIC LANGUAGES AND LITERATURES, MA

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## Completed Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu)

## Approval Path

1. Tue, 21 Jan 2020 20:25:25 GMT  
Deb Forgacs (dforgacs): Approved for U Program Review

## History

1. Jan 21, 2020 by Mary Lowry (lowry)

Date Submitted:Wed, 15 Apr 2020 19:00:08 GMT

## Viewing:10KS0302MA : Slavic Languages and Literatures, MA

Changes proposed by: Mary Lowry

## Proposal Type

### Proposal Type:

Major (ex. Special Education)

### This proposal is for a:

Revision

Proposal Title:

**if this proposal is one piece of a multi-element change please include the other impacted programs here.example: A BS revision with multiple concentration revisions**

Administrative approval: Revision to the MA in Slavic Languages and Literatures, College of Liberal Arts and Sciences

### EP Control Number

EP.20.180

### Official Program Name

Slavic Languages and Literatures, MA

### Effective Catalog Term

Fall 2020

### Sponsor College

Liberal Arts & Sciences

**Sponsor Department**

Slavic Languages and Literatures

**Sponsor Name**

Valeria Sobol

**Sponsor Email**

vsobol@illinois.edu

**College Contact**

Kelly Ritter

**College Contact Email**

ritterk@illinois.edu

**Program Description and Justification****Justification for proposal change:**

A course required as one of several options for our degree has been renumbered. Formerly IS 530, it is now IS 461. This is the only change requested for this program.

**Corresponding Degree**

MA Master of Arts

**Is this program interdisciplinary?**

No

**Academic Level**

Graduate

**Will you admit to the concentration directly?**

No

**Is a concentration required for graduation?**

No

**CIP Code**

160400 - Slavic Languages, Literatures, and Linguistics, General.

**Is This a Teacher Certification Program?**

No

**Will specialized accreditation be sought for this program?**

No

## **Admission Requirements**

**Is this revision a change to the admission status of the program?**

No

## **Enrollment**

**Describe how this revision will impact enrollment and degrees awarded.**

This revision will have no impact on our enrollment or degrees, since it is only a matter of one course being renumbered by a different unit.

**Estimated Annual Number of Degrees Awarded**

**What is the matriculation term for this program?**

Fall

## **Delivery Method**

**Is this program available on campus and online?**

No

**This program is available:**

On Campus

## **Budget**

**Are there budgetary implications for this revision?**

No

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

No

## Resource Implications

### Facilities

**Will the program require new or additional facilities or significant improvements to already existing facilities?**

No

### Technology

**Will the program need additional technology beyond what is currently available for the unit?**

No

### Non-Technical Resources

**Will the program require additional supplies, services or equipment (non-technical)?**

No

## Resources

### Faculty Resources

**Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.**

This change will have no impact on our advising or placement.

### 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.**

This course is offered by the Library/IS, so it is planned as part of their services.

### 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 impacted by the creation/revision of this program?**

No

## **Financial Resources**

**How does the unit intend to financially support this proposal?**

N/A

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

No

**Will an existing tuition rate be used or continue to be used for this program?**

Yes

**Is this program requesting self-supporting status?**

No

## **Program Regulation and Assessment**

**Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).**

We conduct an annual assessment of our graduate students, as well learning outcomes assessment. This change will not affect the assessment processes, as it does not alter our requirements.

**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/PrivateAdminRules2017.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.

**All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.**

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chosed-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text

### Statement for Programs of Study Catalog

Code	Title	Hours
RUSS 501	Russian for Grad Students I	4
RUSS 502	Russian for Grad Students II	4
SLAV 576	Methods in Slavic Grad Study	4
Select one of the following:		2 or 4
HIST 560	Problems in Russian History	
HIST 551	Prob European Hist Since 1789 (Section A)	
REES 550	Seminar in REEE Studies	
IS 530	Collection Development	
IS 461	Russian, East European, and Eurasian Bibliography & Research Methods	
Two 400- or 500- level literature or culture courses offered by the Slavic Department		8
Total Hours		32

### Other Requirements

Requirement	Description
Other requirements may overlap	
Minimum Hours Required Within the Unit:	20
Minimum Number of 500-level Hours Required Overall in Program:	12
Candidates must pass a written examination	
Minimum GPA:	2.75

### EP Documentation

### DMI Documentation

#### Banner/Codebook Name

MA:Slavic Lang & Lit -UIUC

#### Program Code:

10KS0302MA

#### Degree Code

MA

#### Major Code

0302



### **Program Reviewer Comments**

**Kathy Martensen (kmartens) (Tue, 21 Apr 2020 17:57:08 GMT):**Rollback: Is this course meant to be specifically required, or is it meant to be where IS 530 was in the select one from list? Please update the Program of Study statement if the latter, as it currently reflects the former. If it is meant to be the former, please update the brief description so it is clear this is being requested. Thanks! –Kathy

**Kathy Martensen (kmartens) (Fri, 08 May 2020 15:02:37 GMT):**Administrative approval: No change in total hours.

Key: 428

# 10KL0051BS: NATURAL RESOURCES & ENVIRONMENTAL SCIENCES, BS

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## In Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu)
2. 1875 Committee Chair (jrmillr@illinois.edu)
3. 1875 Head (schooley@illinois.edu)
4. KL Committee Chair (acyann@illinois.edu)
5. KL Dean (aball@illinois.edu)
6. University Librarian (jpwilkin@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Senate EPC (bjlehman@illinois.edu)
9. Senate (jtempel@illinois.edu)
10. U Senate Conf (none)
11. Board of Trustees (none)
12. IBHE (none)
13. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

## Approval Path

1. Tue, 07 Apr 2020 23:13:52 GMT  
Kathy Martensen (kmartens): Approved for U Program Review
2. Wed, 08 Apr 2020 11:02:52 GMT  
James Miller (jrmillr): Approved for 1875 Committee Chair
3. Wed, 08 Apr 2020 13:40:44 GMT  
Robert Schooley (schooley): Approved for 1875 Head
4. Sun, 03 May 2020 16:59:29 GMT  
Anthony Yannarell (acyann): Approved for KL Committee Chair
5. Mon, 04 May 2020 13:27:08 GMT  
Anna Ball (aball): Approved for KL Dean
6. Mon, 04 May 2020 13:52:50 GMT  
John Wilkin (jpwilkin): Approved for University Librarian
7. Mon, 04 May 2020 19:09:58 GMT  
Kathy Martensen (kmartens): Approved for Provost

## History

1. Mar 22, 2019 by Deb Forgacs (dforgacs)

Date Submitted: Tue, 07 Apr 2020 21:38:11 GMT

## Viewing: 10KL0051BS : Natural Resources & Environmental Sciences, BS

Changes proposed by: Susan Helmink

## Proposal Type

Proposal Type:

Major (ex. Special Education)

This proposal is for a:

Revision

Proposal Title:

**if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions***

Administrative approval: Proposal to revise four concentrations and make revisions to the list of required courses for the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES), in the Department of Natural Resources and Environmental Sciences, College of Agricultural, Consumer and Environmental Sciences (program keys 86, 633, 632, 634, 631)

**EP Control Number**

EP.20.180

**Official Program Name**

Natural Resources & Environmental Sciences, BS

**Effective Catalog Term**

Fall 2020

**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**

Tony Yannarell, Associate Professor and Chair of the ACES Courses and Curriculum Committee

**College Contact Email**

acyann@illinois.edu

## **Program Description and Justification**

**Justification for proposal change:**

This is a multi-part proposal to make revisions to the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES) and each of its four concentrations. The proposed changes are designed to improve student advising and curriculum flexibility.

Specifically, we are requesting to: 1) reorder one class list to provide more effective advising to students, and 2) to add an additional option for fulfilling the field experience requirement.

1) With regard to reordering, students may choose between IB 104 and IB 150 & IB 151. The original course in the curriculum and the preferred course of the two is IB 104. IB 150 & IB 151 was added to increase flexibility for students who already had credit for IB 150 and as an alternative for students opposed to performing dissection. Currently, IB 150 & 151 is listed first in the catalog followed by IB 104. We would like to reverse the order so IB 104 is listed first followed by IB 150 & IB 151.

2) NRES students are required to take two field experiences. One field experience may be fulfilled by an organized field experience (NRES 285), internship (NRES 293 or NRES 294), or undergraduate research (NRES 295). We would like to add NRES 396 UG Honors Research or Thesis as an additional option.

**Corresponding Degree**

BS Bachelor of Science

**Is this program interdisciplinary?**

No

**Academic Level**

Undergraduate

**Will you admit to the concentration directly?**

No

**Is a concentration required for graduation?**

Yes

**CIP Code**

030104 - Environmental Science.

**Is This a Teacher Certification Program?**

No

**Will specialized accreditation be sought for this program?**

No

**Admission Requirements**

**Is this revision a change to the admission status of the program?**

No

## **Enrollment**

**Describe how this revision will impact enrollment and degrees awarded.**

We anticipate no impact on enrollment or degrees awarded.

**Estimated Annual Number of Degrees Awarded**

**What is the matriculation term for this program?**

Fall

## **Delivery Method**

**Is this program available on campus and online?**

No

**This program is available:**

On Campus

## **Budget**

**Are there budgetary implications for this revision?**

No

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

No

## **Resource Implications**

Facilities

**Will the program require new or additional facilities or significant improvements to already existing facilities?**

No

Technology

**Will the program need additional technology beyond what is currently available for the unit?**

No

Non-Technical Resources

**Will the program require additional supplies, services or equipment (non-technical)?**

No

## Resources

Faculty Resources

**Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.**

These changes only impact courses currently offered, so we do not anticipate any impact to faculty resources.

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.**

These changes only impact courses currently offered, so we do not anticipate any impact on library resources.

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 impacted by the creation/revision of this program?**

No

## 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

**Will an existing tuition rate be used or continue to be used for this program?**

Yes

## **Program Regulation and Assessment**

**Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).**

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.

**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/PrivateAdminRules2017.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.

**All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.**

### **Revised programs**

NRES\_BS\_curriculum\_revision\_proposal\_2020.docx

**Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chosed-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.**

Catalog Page Text

**Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.**

No changes

**Statement for Programs of Study Catalog**

## Prescribed Courses including Campus General Education

Code	Title	Hours
<b>Composition I and Speech</b>		
Select one of the following:		6-7
RHET 105 & CMN 101	Writing and Research and Public Speaking(or equivalent) (see College Composition I requirement)	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
<b>Advanced Composition</b>		
Select from campus approved list		3-4
<b>Cultural Studies</b>		
Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.		9
<b>Foreign Language</b>		
Coursework at or above the third level is required for graduation.		
<b>Quantitative Reasoning I</b>		
Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
<b>Quantitative Reasoning II</b>		
Select one of the following:		3-4
ACE 261	Applied Statistical Methods	
CPSC 241	Intro to Applied Statistics	
ECON 202	Economic Statistics I	
PSYC 235	Intro to Statistics	
SOC 280	Intro to Social Statistics	
STAT 100	Statistics	
<b>Natural Sciences and Technology</b>		
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
IB 103	Introduction to Plant Biology	4
Select one of the following:		4-5
IB 150 & IB 151 or IB 104	Organismal & Evolutionary Biol and Organismal & Evol Biol Lab Animal Biology	
Select one of the following:		3-5
IB 104 or IB 150 & IB 151	Animal Biology Organismal & Evolutionary Biol and Organismal & Evol Biol Lab	
GEOG 103	Earth's Physical Systems	
GEOL 107	Physical Geology	
PHYS 101	College Physics: Mech & Heat	
PHYS 211	University Physics: Mechanics	
MCB 100	Introductory Microbiology	
<b>Humanities and the Arts</b>		
Select from campus approved list.		6
<b>Social and Behavioral Sciences</b>		
ACE 100 or ECON 102	Introduction to Applied Microeconomics Microeconomic Principles	3-4
Select one additional course from campus approved list.		3-4



<b>Natural Resources and Environmental Sciences Required (Core)</b>		
NRES 102	Introduction to NRES	3
NRES 201	Introductory Soils	4
NRES 219	Applied Ecology	3
NRES 287	Environment and Society	3
NRES 325	Natural Resource Policy Mgmt	3
NRES 348	Fish and Wildlife Ecology	3
NRES 421	Quantitative Methods in NRES	3
NRES 454	GIS in Natural Resource Mgmt	4
NRES 456	Integrative Ecosystem Management	3
NRES 285	Field Experience	1,2
One additional Field Experience course		1-2
NRES 285	Field Experience (repeatable)	
NRES 293	Professional Internship	
NRES 294	Resident Internship	
NRES 295	Undergrad Research or Thesis	
NRES 396	UG Honors Research or Thesis	
<b>ACES Required</b>		
ACES 101	Contemporary Issues in ACES	2
<b>Required Concentration</b>		
Concentration prescribed courses. See specific requirements for each concentration listed below.		19-29
<b>Total Hours</b>		126

## EP Documentation

## DMI Documentation

### Banner/Codebook Name

BS: NRES -UIUC

### Program Code:

10KL0051BS

### Degree Code

BS

### Major Code

0051

### Program Reviewer Comments

Kathy Martensen (kmartens) (Mon, 04 May 2020 19:09:33 GMT):Administrative approval: No change to total hours required.

Key: 86

## Appendix A: (Proposed Curriculum Revisions)

The following table shows the proposed revisions to the curriculum course tables for the NRES Core curriculum (including General Education requirements). Where appropriate, changes are highlighted with color to indicate courses that will be added (blue) and courses for which the order presented in the catalog should be changed (green) in the curriculum.

### NRES Major Core Requirements, including General Education

<i>Current Requirements</i>		<i>Revised Requirements</i>	
	hours		hours
<b>Total Gen. Ed.</b>	55-65	<b>Total Gen. Ed.</b>	58-68
<b>NRES core</b>	25-27	<b>NRES core</b>	31-33
<b>NRES concentration</b>	20-26	<b>NRES concentration</b>	18-22
<b>General Education Requirements</b>		<b>General Education Requirements</b>	
Composition I and Speech: choose either	6-7	Composition I and Speech: choose either	6-7
RHET 105 Writing and Research or equivalent AND	4	RHET 105 Writing and Research or equivalent AND	4
CMN 101 Public Speaking	3	CMN 101 Public Speaking	3
OR		OR	
CMN 111 Oral and Written Communication I AND	3	CMN 111 Oral and Written Communication I AND	3
CMN 112 Oral and Written Communication II	3	CMN 112 Oral and Written Communication II	3
Advanced Composition (campus-approved list)	3-4	Advanced Composition (campus-approved list)	3-4
Cultural Studies (campus- approved list)	6	Cultural Studies (campus- approved list)	9
one Western culture	3	one Western culture	3
one non-Western culture	3	one non-Western culture	3
one U.S. minority culture	3	one U.S. minority culture	3
Foreign Language: coursework at or above third level		Foreign Language: coursework at or above third level	
one Quantitative Reasoning I course	4-5	one Quantitative Reasoning I course	4-5
MATH 220 Calculus	5	MATH 220 Calculus	5

	MATH 221 Calculus I	4		MATH 221 Calculus I	4
	MATH 234 Calculus for Business	4		MATH 234 Calculus for Business	4
	one Quantitative Reasoning II course	3-4		one Quantitative Reasoning II course	3-4
	ACE 261 Applied Statistical Methods	4		ACE 261 Applied Statistical Methods	4
	CPSC 241 Intro to Applied Statistics	3		CPSC 241 Intro to Applied Statistics	3
	ECON 202 Economic Statistics I	3		ECON 202 Economic Statistics I	3
	PSYC 235 Intro to Statistics	3		PSYC 235 Intro to Statistics	3
	SOC 280 Intro to Social Statistics	4		SOC 280 Intro to Social Statistics	4
	STAT 100 Statistics	3		STAT 100 Statistics	3
	Natural Science and Technology	19-21		Natural Science and Technology	19-21
	CHEM 102 and CHEM 103 General Chemistry I	4		CHEM 102 and CHEM 103 General Chemistry I	4
	CHEM 104 and CHEM 105 General Chemistry II	4		CHEM 104 and CHEM 105 General Chemistry II	4
	IB 103 Introduction to Plant Biology	4		IB 103 Introduction to Plant Biology	4
	IB 150 + IB 151 OR IB 104 Animal Biology	4		IB 104 Animal Biology OR IB 150 + IB 151	4
	select one course from:			select one course from:	
	GEOG 103 Earth's Physical Systems	4		GEOG 103 Earth's Physical Systems	4
	GEOL 107 Physical Geology	4		GEOL 107 Physical Geology	4
	PHYS 101 College Physics, Mech & Heat	5		PHYS 101 College Physics, Mech & Heat	5
	PHYS 211 University Physics Mechanics	4		PHYS 211 University Physics Mechanics	4
	MCB 100 Introductory Microbiology	3		MCB 100 Introductory Microbiology	3
	Humanities and the Arts: from campus approved list	6		Humanities and the Arts: from campus approved list	6
	Social and Behavioral Sciences	6-7		Social and Behavioral Sciences	6-7
	ACE 100 Agr Cons and Resource Econ OR	4		ACE 100 Agr Cons and Resource Econ OR	4
	ECON 102 Microeconomic Principles	3		ECON 102 Microeconomic Principles	3

	select one additional from campus approved list	3		select one additional from campus approved list	3
	ACES 101 Contemporary Issues in ACES	2		ACES 101 Contemporary Issues in ACES	2
<b><i>NRES Major Core Requirements</i></b>			<b><i>NRES Major Core Requirements</i></b>		
	NRES 102 Introduction to NRES	3		NRES 102 Introduction to NRES	3
	NRES 201 Introductory Soils	4		NRES 201 Introductory Soils	4
	NRES 219 Principles of Ecosystem Mgmt	3		NRES 219 Principles of Ecosystem Mgmt	3
	NRES 287 Environment and Society	3		NRES 287 Environment and Society	3
	NRES 325 Natural Resource Policy Mgmt	3		NRES 325 Natural Resource Policy Mgmt	3
	NRES 348 Fish and Wildlife Ecology	3		NRES 348 Fish and Wildlife Ecology	3
	NRES 421 Quantitative Methods in NRES	3		NRES 421 Quantitative Methods in NRES	3
	NRES 454 GIS in Natural Resource Mgmt	4		NRES 454 GIS in Natural Resource Mgmt	4
	NRES 456 Integrative Ecosystem Mgmt	3		NRES 456 Integrative Ecosystem Mgmt	3
	NRES 285 Natural Resource Field Experience	1-2		NRES 285 Natural Resource Field Experience	1-2
	One additional Field Experience course	1-2		One additional Field Experience course	1-2
	NRES 285 Natural Resource Field Experience (repeatable)	1-2		NRES 285 Natural Resource Field Experience (repeatable)	1-2
	NRES 293 Professional Internship	1-2		NRES 293 Professional Internship	1-2
	NRES 294 Resident Internship	1-2		NRES 294 Resident Internship	1-2
	NRES 295 Undergrad Research or Thesis	1-2		NRES 295 Undergrad Research or Thesis	1-2
				NRES 396 UG Honors Research or Thesis	1-2

# 5239: NATURAL RESOURCES & ENVIRONMENTAL SCIENCES: HUMAN DIMENSIONS OF THE ENVIRONMENT, BS

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## In Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu)
2. 1875 Committee Chair (jrmillr@illinois.edu)
3. 1875 Head (schooley@illinois.edu)
4. KL Committee Chair (acyann@illinois.edu)
5. KL Dean (aball@illinois.edu)
6. University Librarian (jpwilkin@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Senate EPC (bjlehman@illinois.edu)
9. Senate (jtempel@illinois.edu)
10. U Senate Conf (none)
11. Board of Trustees (none)
12. IBHE (none)
13. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

## Approval Path

1. Tue, 07 Apr 2020 23:14:24 GMT  
Kathy Martensen (kmartens): Approved for U Program Review
2. Wed, 08 Apr 2020 11:04:26 GMT  
James Miller (jrmillr): Approved for 1875 Committee Chair
3. Wed, 08 Apr 2020 13:42:03 GMT  
Robert Schooley (schooley): Approved for 1875 Head
4. Sun, 03 May 2020 16:59:33 GMT  
Anthony Yannarell (acyann): Approved for KL Committee Chair
5. Mon, 04 May 2020 13:27:19 GMT  
Anna Ball (aball): Approved for KL Dean
6. Mon, 04 May 2020 13:53:00 GMT  
John Wilkin (jpwilkin): Approved for University Librarian
7. Mon, 04 May 2020 19:09:17 GMT  
Kathy Martensen (kmartens): Approved for Provost

## History

1. Mar 18, 2019 by Deb Forgacs (dforgacs)

Date Submitted: Tue, 07 Apr 2020 21:53:39 GMT

## Viewing: 5239 : Natural Resources & Environmental Sciences: Human Dimensions of the Environment, BS

Changes proposed by: Susan Helmink

## Proposal Type

### Proposal Type:

Concentration (ex. Dietetics)

### This proposal is for a:

Revision

Proposal Title:

**if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions***

Administrative approval: Proposal to revise four concentrations and make revisions to the list of required courses for the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES), in the Department of Natural Resources and Environmental Sciences, College of Agricultural, Consumer and Environmental Sciences (program keys 86, 633, 632, 634, 631)

**EP Control Number**

EP.20.180

**Official Program Name**

Natural Resources & Environmental Sciences: Human Dimensions of the Environment, BS

**Effective Catalog Term**

Fall 2020

**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**

Tony Yannarell, Associate Professor and Chair of the ACES Courses and Curriculum Committee

**College Contact Email**

acyann@illinois.edu

## **Program Description and Justification**

**Justification for proposal change:**

This is a multi-part proposal to make revisions to the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES) and each of its four concentrations. The proposed changes are designed to improve student advising the curriculum flexibility.

Specifically, we are requesting to remove four courses and add six courses.

Of the four courses to be removed, one course was terminated (GEOG 493), one course was replaced (RST 217) and it was decided not to add the replacement course, one course is now restricted to online master's students (NRES 439), and one course was mistakenly listed in two sections in the last revision, once as a Concentration Core Requirement and once as a Conservation/Development/Ecology course (NRES 340).

The six courses to be added are newer courses that will expand the number of course options in the Conservation/Development/Ecology cluster. NRES 423 will be listed in this cluster and also the Social Sciences cluster. Students taking NRES 423 may use the credit to either fulfill one of two Social Sciences courses or one Conservation/Development/Ecology course.

**Is this program interdisciplinary?**

No

**Corresponding Program(s):**

**Corresponding Program(s)**

Natural Resources Environmental Sciences, BS

**Academic Level**

Undergraduate

**Is This a Teacher Certification Program?**

No

**Will specialized accreditation be sought for this program?**

No

**Enrollment**

**Describe how this revision will impact enrollment and degrees awarded.**

We anticipate no impact on enrollment or degrees awarded.

**Delivery Method**

**Is this program available on campus and online?**

No

**This program is available:**

On Campus

## Budget

Are there budgetary implications for this revision?

No

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

No

## Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?

No

Technology

Will the program need additional technology beyond what is currently available for the unit?

No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

No

## Resources

Faculty Resources

**Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.**

There is capacity for student enrollment to increase in the proposed course additions without impacting faculty teaching loads.

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.**

These changes only impact courses currently offered, so we do not anticipate any impact on library resources.



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 impacted by the creation/revision of this program?**

No

## **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**

GEOG 493 termination.pdf

RST 217 replaced.pdf

## **Program Regulation and Assessment**

**Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).**

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.

**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/PrivateAdminRules2017.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.

**All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.**

### Revised programs

NRES\_HDE\_curriculum\_revision\_proposal\_2020.docx

**Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.**

Catalog Page Text

**Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.**

No changes

### Statement for Programs of Study Catalog

Code	Title	Hours
<b>Concentration Core Requirements</b>		
NRES 340	Environ Social Sci Res Meth	3
NRES 472	Environmental Psychology	4
ACE 310	Natural Resource Economics	3
<b>Concentration Elective Requirements</b>		
Two Social Science Courses		6-8
NRES 423	Politics of International Conservation and Development	
NRES 424	US Environ, Justic & Policy	
NRES 428	Valuing Nature	
NRES 430	Comm in Env Social Movements	
ACE 210	Environmental Economics	
ACE 406	Environmental Law	
GEOG 493	Course GEOG 493 Not Found	
GEOG 496	Climate & Social Vulnerability	
LA 370	Environmental Sustainability	
MDIA 223	Watching the Environment	
RST 217	Course RST 217 Not Found	
SOC 447	Environmental Sociology	
One Conservation/Development/Ecology Course		3-4
NRES 340	Environ Social Sci Res Meth	
NRES 302	Dendrology	
NRES 362	Ecology of Invasive Species	
NRES 402	Ecohydrology and Water Management	

NRES 418	Wetland Ecology & Management
NRES 423	Politics of International Conservation and Development
NRES 485	Stream Ecosystem Management
NRES 407	Wildlife Population Ecology
NRES 409	Fishery Ecol and Conservation
NRES 415	Native Plant ID and Floristics
NRES 420	Restoration Ecology
NRES 429	Aquatic Ecosystem Conservation
NRES 439	Env and Sustainable Dev
NRES 474	Soil and Water Conservation
UP 406	Urban Ecology

**Total Concentration-Required Hours**

19-22

## EP Documentation

## DMI Documentation

### Banner/Codebook Name

Human Dimensions of the Environment

### Program Code:

5239

### Conc Code

5239

### Degree Code

BS

### Major Code

0051

### Program Reviewer Comments

**Kathy Martensen (kmartens)** (Mon, 04 May 2020 19:08:45 GMT):Administrative approval: No change to total hours required.

Key: 633

**RE: RST 217 termination confirmation**

Shinew, Kimberly J <shinew@illinois.edu>

Tue 3/10/2020 3:52 PM

**To:** Tiger, Timothy Rush <ttiger@illinois.edu>; Helmink, Susan <shelmink@illinois.edu>

Hi Susan,

That class has been changed to a 300-level course. Here is information about the course. Let me know if you have any questions.

Regards,

Kim

**RST 317 Designing Parks and Recreation Experiences credit: 3 hours.**

This course will examine the roles of parks and recreation professionals in strategically creating optimal experiences for constituents.

Parks and recreation professionals must consider the interplay between a range of factors including diverse individuals, communities,

and the environment. This course will focus on how professionals create experiences that are meaningful and beneficial for individuals

or groups, communities, and society. Students will explore historical and philosophical foundations of parks and recreation provision

as well as the organizational structure and administrative approaches in the public, non-profit, and commercial sectors. Students will

also learn strategies for designing optimal experiences in a variety of settings such as camps, aquatics, arts and culture programs, and

health and fitness centers. Credit is not given for RST 217 and RST 317. Prerequisite: RST 120 or consent of instructor.

---

**From:** Tiger, Timothy Rush <ttiger@illinois.edu>

**Sent:** Tuesday, March 10, 2020 3:48 PM

**To:** Helmink, Susan <shelmink@illinois.edu>; Shinew, Kimberly J <shinew@illinois.edu>

**Subject:** RE: RST 217 termination confirmation

Hi Susan,

I am copying our Undergraduate Director Dr. Kim Shinew on this as she may have more information for you.

Thank you,

Tim

Sent from my T-Mobile 4G LTE Device

----- Original message -----

**From:** "Helmink, Susan" <[shelmink@illinois.edu](mailto:shelmink@illinois.edu)>

**Date:** 3/10/20 3:45 PM (GMT-06:00)

**To:** "Tiger, Timothy Rush" <[ttiger@illinois.edu](mailto:ttiger@illinois.edu)>

**Subject:** RST 217 termination confirmation

Hi, Tim. Karen Claus thought you might be able to assist me. In NRES we have RST 217 - Public Recreation listed in our undergraduate curriculum. We are submitting a curriculum change proposal and it was recommended that we attach a letter/e-mail from RST confirming that the course has been terminated. I appreciate your help in providing such a communication or directing me to the right person.

Thank you.

Susan

**SUSAN HELMINK**

*Academic Advising Coordinator*

Department of Natural Resources and Environmental Sciences  
College of Agricultural, Consumer and Environmental Sciences  
University of Illinois at Urbana-Champaign  
N-507 Turner Hall | M/C 047  
Urbana, IL 61801  
217.265.0170 | [shelmink@illinois.edu](mailto:shelmink@illinois.edu)  
[nres.illinois.edu](http://nres.illinois.edu)



*Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.*

**RE: GEOG 493 termination confirmation**

Cohn, Matthew S <mcohn@illinois.edu>

Tue 3/10/2020 4:21 PM

To: Helmink, Susan <shelmink@illinois.edu>

Hi Susan,

That's correct, GEOG 493 – Democracy & Environment was developed and taught by Prof. Jesse Ribot who retired in 2018. The course was discontinued during our Spring 2018 review of 6/10 rule violations.

Best,

**MATT COHN**

*Office Administrator*

Department of Geography & GIS  
University of Illinois at Urbana-Champaign  
2044 Natural History Building | MC-150  
1301 West Green Street  
Urbana, IL 61801  
(217) 300-3618 | [mcohn@illinois.edu](mailto:mcohn@illinois.edu)  
[www.ggis.illinois.edu](http://www.ggis.illinois.edu)



*Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.*

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**From:** Helmink, Susan <shelmink@illinois.edu>

**Sent:** Tuesday, March 10, 2020 15:48

**To:** Cohn, Matthew S <mcohn@illinois.edu>

**Subject:** GEOG 493 termination confirmation

Hi, Matt. In NRES we have GEOG 493 - Democracy and Environment listed in our undergraduate curriculum. We are submitting a curriculum change proposal and it was recommended that we attach a letter/e-mail from GEOG confirming that the course has been terminated. I appreciate your help in providing such a communication or directing me to the right person.

Thank you.

Susan

**SUSAN HELMINK**

*Academic Advising Coordinator*

Department of Natural Resources and Environmental Sciences  
College of Agricultural, Consumer and Environmental Sciences  
University of Illinois at Urbana-Champaign  
N-507 Turner Hall | M/C 047  
Urbana, IL 61801  
217.265.0170 | [shelmink@illinois.edu](mailto:shelmink@illinois.edu)  
[nres.illinois.edu](http://nres.illinois.edu)



*Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.*

## Appendix A: (Proposed Curriculum Revision)

The following table shows the proposed revisions to the curriculum course tables for the Natural Resources and Environmental Sciences **Human Dimensions of the Environment** concentration. Where appropriate, changes are highlighted with color to indicate courses that will be removed (orange) and courses that will be added (blue) to the curriculum.

<i>Current Requirements</i>		<i>Revised Requirements</i>	
	hours		hours
<b>HUMAN DIMENSIONS OF THE ENVIRONMENT</b>	<b>19-22</b>	<b>HUMAN DIMENSIONS OF THE ENVIRONMENT</b>	<b>19-22</b>
<b><i>Concentration Core Requirements</i></b>		<b><i>Concentration Core Requirements</i></b>	
NRES 340 Environ Social Sci Res Meth	3	NRES 340 Environ Social Sci Res Meth	3
ACE 310 Natural Resource Economics	3	ACE 310 Natural Resource Economics	3
NRES 472 Environmental Psychology	4	NRES 472 Environmental Psychology	4
<b><i>Concentration Elective Requirements</i></b>		<b><i>Concentration Elective Requirements</i></b>	
Two Social Sciences courses	6-8	Two Social Sciences courses	6-8
ACE 210 Environmental Economics	3	ACE 210 Environmental Economics	3
MDIA 223 Watching the Environment	3	MDIA 223 Watching the Environment	3
NRES 423 Politics of Conservation and Development	3	NRES 423 Politics of Conservation and Development	3
NRES 424 US Environ Justice & Policy	4	NRES 424 US Environ Justice & Policy	4
NRES 430 Comm in Env Social Movements	3	NRES 430 Comm in Env Social Movements	3
NRES 428 Valuing Nature	3	NRES 428 Valuing Nature	3
ACE 210 Environmental Economics	3	ACE 210 Environmental Economics	3
ACE 406 Environmental Law	3	ACE 406 Environmental Law	3
GEOG 493 Democracy and Environment	3		
GEOG 496 Climate and Social Vulnerability	3	GEOG 496 Climate and Social Vulnerability	3
LA 370 Environmental Sustainability	3	LA 370 Environmental Sustainability	3
RST 217 Public Recreation	3		



	SOC 447 Environmental Sociology	3		SOC 447 Environmental Sociology	3
	One Conservation/Development/ Ecology course	3-4		One Conservation/Development/ Ecology course	3-4
				NRES 302 Dendrology	4
				NRES 362 Ecology of Invasive Species	3
				NRES 402 Ecohydrology and Water Management	3
				NRES 418 Wetland Ecology & Management	3
				NRES 423 Politics of International Conservation and Development	3
				NRES 485 Stream Ecosystem Management	3
	NRES 407 Wildlife Population Ecology	4		NRES 407 Wildlife Population Ecology	4
	NRES 409 Fishery Ecol and Conservation	4		NRES 409 Fishery Ecol and Conservation	4
	NRES 415 Native Plant ID and Floristics	4		NRES 415 Native Plant ID and Floristics	4
	NRES 420 Restoration Ecology	4		NRES 420 Restoration Ecology	4
	NRES 429 Aquatic Ecosystem Conservation	3		NRES 429 Aquatic Ecosystem Conservation	3
	NRES 340 Communication in Env. & Soc. Movements	3			
	NRES 439 Env and Sustainable Dev	3			
	NRES 474 Soil and Water Conservation	3		NRES 474 Soil and Water Conservation	3
	UP 406 Urban Ecology	4		UP 406 Urban Ecology	4

# 5685: NATURAL RESOURCES & ENVIRONMENTAL SCIENCES: ENVIRONMENTAL SCIENCE & MANAGEMENT, BS

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## In Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu)
2. 1875 Committee Chair (jrmillr@illinois.edu)
3. 1875 Head (schooley@illinois.edu)
4. KL Committee Chair (acyann@illinois.edu)
5. KL Dean (aball@illinois.edu)
6. University Librarian (jpwilkin@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Senate EPC (bjlehman@illinois.edu)
9. Senate (jtempel@illinois.edu)
10. U Senate Conf (none)
11. Board of Trustees (none)
12. IBHE (none)
13. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

## Approval Path

1. Tue, 07 Apr 2020 23:14:43 GMT  
Kathy Martensen (kmartens): Approved for U Program Review
2. Wed, 08 Apr 2020 11:04:15 GMT  
James Miller (jrmillr): Approved for 1875 Committee Chair
3. Wed, 08 Apr 2020 13:42:48 GMT  
Robert Schooley (schooley): Approved for 1875 Head
4. Sun, 03 May 2020 16:59:36 GMT  
Anthony Yannarell (acyann): Approved for KL Committee Chair
5. Mon, 04 May 2020 13:27:25 GMT  
Anna Ball (aball): Approved for KL Dean
6. Mon, 04 May 2020 13:53:11 GMT  
John Wilkin (jpwilkin): Approved for University Librarian
7. Mon, 04 May 2020 19:07:33 GMT  
Kathy Martensen (kmartens): Approved for Provost

## History

1. Mar 18, 2019 by Deb Forgacs (dforgacs)

Date Submitted: Tue, 07 Apr 2020 21:40:15 GMT

## Viewing: 5685 : Natural Resources & Environmental Sciences: Environmental Science & Management, BS

Changes proposed by: Susan Helmink

## Proposal Type

### Proposal Type:

Concentration (ex. Dietetics)

### This proposal is for a:

Revision

Proposal Title:

**if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions***

Administrative approval: Proposal to revise four concentrations and make revisions to the list of required courses for the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES), in the Department of Natural Resources and Environmental Sciences, College of Agricultural, Consumer and Environmental Sciences (program keys 86, 633, 632, 634, 631)

**EP Control Number**

EP.20.180

**Official Program Name**

Natural Resources & Environmental Sciences: Environmental Science & Management, BS

**Effective Catalog Term**

Fall 2020

**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**

Tony Yannarell, Associate Professor and Chair of the ACES Courses and Curriculum Committee

**College Contact Email**

acyann@illinois.edu

## **Program Description and Justification**

**Justification for proposal change:**

This is a multi-part proposal to make revisions to the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES) and each of its four concentrations. The proposed changes are designed to improve student advising the curriculum flexibility.

Specifically, we are requesting to move one course (NRES 401) from the Soil and Water Science courses to the Concentration Core Requirements as an alternative option with NRES 402. Having one of the two courses fulfill a required course will ensure that students have regular access to a required course.

**Is this program interdisciplinary?**

No

**Corresponding Program(s):**

**Corresponding Program(s)**

Natural Resources Environmental Sciences, BS

**Academic Level**

Undergraduate

**Is This a Teacher Certification Program?**

No

**Will specialized accreditation be sought for this program?**

No

## **Enrollment**

**Describe how this revision will impact enrollment and degrees awarded.**

We anticipate no impact on enrollment or degrees awarded.

## **Delivery Method**

**Is this program available on campus and online?**

No

**This program is available:**

On Campus

## **Budget**

**Are there budgetary implications for this revision?**

No

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

No

## **Resource Implications**

Facilities

**Will the program require new or additional facilities or significant improvements to already existing facilities?**

No

Technology

**Will the program need additional technology beyond what is currently available for the unit?**

No

Non-Technical Resources

**Will the program require additional supplies, services or equipment (non-technical)?**

No

## **Resources**

Faculty Resources

**Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.**

These changes only impact courses currently offered, so we do not anticipate any impact on faculty resources.

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.**

These changes only impact courses currently offered, so we do not anticipate any impact on library resources.

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 impacted by the creation/revision of this program?**

No

## **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

## **Program Regulation and Assessment**

**Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).**

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.

**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/PrivateAdminRules2017.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.

**All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.**

### **Revised programs**

NRES\_ESM\_curriculum\_revision\_proposal\_2020.docx

Attach a side-by-side comparison with the existing program AND, if the revision references or adds “chosed-from” lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text

**Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.**

No changes

**Statement for Programs of Study Catalog**

<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Concentration Core Requirements</b>		
NRES 351	Introduction to Environmental Chemistry	3
NRES 402	Ecohydrology and Water Management	3
or NRES 401	Watershed Hydrology	
NRES 475	Environmental Microbiology	3
<b>Concentration Elective Requirements</b>		
Two Soil and Water Science Courses		6-8
NRES 401	Watershed Hydrology	
NRES 429	Aquatic Ecosystem Conservation	
NRES 471	Pedology	
NRES 485	Stream Ecosystem Management	
NRES 487	Soil Chemistry	
NRES 488	Soil Fertility and Fertilizers	
NRES 490	Surface Water System Chemistry	
ABE 454	Environmental Soil Physics	
GEOG 406	Fluvial Geomorphology	
GEOG 459	Ecohydraulics	
One Environmental Quality Course		3-4
NRES 403	Watersheds and Water Quality	
NRES 438	Soil Nutrient Cycling	
NRES 474	Soil and Water Conservation	
CPSC 336	Tomorrow's Environment	
CPSC 431	Plants and Global Change	
TSM 352	Land and Water Mgt Systems	
UP 405	Watershed Ecology and Planning	
ATMS 449	Biogeochemical Cycles	
ESE 320	Water Planet, Water Crisis	
GEOL 380	Environmental Geology	
IB 485	Environ Toxicology & Health	
<b>Total Concentration-Required Hours</b>		<b>18-21</b>

## EP Documentation

## DMI Documentation

### Banner/Codebook Name

Environmental Science and Management

### Program Code:

5685

### Conc Code

5685

### Degree Code

BS

### Major Code

0051

### Program Reviewer Comments

Kathy Martensen (kmartens) (Mon, 04 May 2020 19:07:09 GMT):Administrative approval: No change to total hours required.

Key: 632



## Appendix A: (Proposed Curriculum Revisions)

The following table shows the proposed revisions to the curriculum course tables for the Natural Resources and Environmental Sciences **Environmental Science and Management** concentration. Where appropriate, changes are highlighted with color to indicate courses that will be removed (orange) and courses that will be added (blue) to the curriculum.

<i>Current Requirements</i>			<i>Revised Requirements</i>		
		hours			hours
<b>ENVIRONMENTAL SCIENCE AND MANAGEMENT</b>			<b>ENVIRONMENTAL SCIENCE AND MANAGEMENT</b>		
<b>18-21</b>			<b>18-21</b>		
<i>Concentration Core Requirements</i>			<i>Concentration Core Requirements</i>		
	NRES 351 Environmental Chemistry	3		NRES 351 Environmental Chemistry	3
	NRES 475 Environmental Microbiology	3		NRES 475 Environmental Microbiology	3
	NRES 402 Ecohydrology and Water Management	3			
				NRES 402 Ecohydrology and Water Management OR NRES 401 Watershed Hydrology	3
<i>Concentration Elective Requirements</i>			<i>Concentration Elective Requirements</i>		
Two Soil and Water Science courses		6-8	Two Soil and Water Science courses		6-8
	NRES 471 Pedology	3		NRES 471 Pedology	3
	NRES 487 Soil Chemistry	3		NRES 487 Soil Chemistry	3
	NRES 488 Soil Fertility and Fertilizers	3		NRES 488 Soil Fertility and Fertilizers	3
	NRES 401 Watershed Hydrology	3			
	GEOG 406 Fluvial Geomorphology	4		GEOG 406 Fluvial Geomorphology	4
	NRES 429 Aquatic Ecosystem Conservation	3		NRES 429 Aquatic Ecosystem Conservation	3
	NRES 485 Stream Ecosystem Mgt	4		NRES 485 Stream Ecosystem Mgt	4
	NRES 490 Surface Water System Chemistry	4		NRES 490 Surface Water System Chemistry	4
	GEOG 459 Ecohydraulics	4		GEOG 459 Ecohydraulics	4
	ABE 454 Environmental Soil Physics	3		ABE 454 Environmental Soil Physics	3

One Environmental Quality course		3-4	One Environmental Quality course		3-4
	NRES 403 Watersheds and Water Quality	3		NRES 403 Watersheds and Water Quality	3
	NRES 438 Soil Nutrient Cycling	3		NRES 438 Soil Nutrient Cycling	3
	NRES 474 Soil & Water Conservation	3		NRES 474 Soil & Water Conservation	3
	ATMS 449 Biogeochemical Cycles	4		ATMS 449 Biogeochemical Cycles	4
	CPSC 336 Tomorrow's Environment	3		CPSC 336 Tomorrow's Environment	3
	CPSC 431 Plants and Global Change	3		CPSC 431 Plants and Global Change	3
	ESE 320 Water Planet, Water Crisis	3		ESE 320 Water Planet, Water Crisis	3
	GEOL 380 Environmental Geology	4		GEOL 380 Environmental Geology	4
	IB 485 Environ Toxicology & Health	3		IB 485 Environ Toxicology & Health	3
	TSM 352 Land and Water Mgt Systems	3		TSM 352 Land and Water Mgt Systems	3
	UP 405 Watershed Ecology and Planning	4		UP 405 Watershed Ecology and Planning	4

# 5686: NATURAL RESOURCES & ENVIRONMENTAL SCIENCES: ECOSYSTEM STEWARDSHIP & RESTORATION ECOLOGY, BS

---

## In Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu)
2. 1875 Committee Chair (jrmillr@illinois.edu)
3. 1875 Head (schooley@illinois.edu)
4. KL Committee Chair (acyann@illinois.edu)
5. KL Dean (aball@illinois.edu)
6. University Librarian (jpwilkin@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Senate EPC (bjlehman@illinois.edu)
9. Senate (jtempel@illinois.edu)
10. U Senate Conf (none)
11. Board of Trustees (none)
12. IBHE (none)
13. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

## Approval Path

1. Tue, 07 Apr 2020 23:15:03 GMT  
Kathy Martensen (kmartens): Approved for U Program Review
2. Wed, 08 Apr 2020 11:03:59 GMT  
James Miller (jrmillr): Approved for 1875 Committee Chair
3. Wed, 08 Apr 2020 13:43:56 GMT  
Robert Schooley (schooley): Approved for 1875 Head
4. Sun, 03 May 2020 16:59:39 GMT  
Anthony Yannarell (acyann): Approved for KL Committee Chair
5. Mon, 04 May 2020 13:27:33 GMT  
Anna Ball (aball): Approved for KL Dean
6. Mon, 04 May 2020 13:53:18 GMT  
John Wilkin (jpwilkin): Approved for University Librarian
7. Mon, 04 May 2020 19:08:26 GMT  
Kathy Martensen (kmartens): Approved for Provost

## History

1. Mar 18, 2019 by Deb Forgacs (dforgacs)

Date Submitted: Tue, 07 Apr 2020 21:42:17 GMT

## Viewing: 5686 : Natural Resources & Environmental Sciences: Ecosystem Stewardship & Restoration Ecology, BS

Changes proposed by: Susan Helmink

## Proposal Type

### Proposal Type:

Concentration (ex. Dietetics)

### This proposal is for a:

Revision

Proposal Title:

**if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions***

Administrative approval: Proposal to revise four concentrations and make revisions to the list of required courses for the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES), in the Department of Natural Resources and Environmental Sciences, College of Agricultural, Consumer and Environmental Sciences (program keys 86, 633, 632, 634, 631)

**EP Control Number**

EP.20.180

**Official Program Name**

Natural Resources & Environmental Sciences: Ecosystem Stewardship & Restoration Ecology, BS

**Effective Catalog Term**

Fall 2020

**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**

Tony Yannarell, Associate Professor and Chair of the ACES Courses and Curriculum Committee

**College Contact Email**

acyann@illinois.edu

## **Program Description and Justification**

**Justification for proposal change:**

This is a multi-part proposal to make revisions to the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES) and each of its four concentrations. The proposed changes are designed to improve student advising the curriculum flexibility.

Specifically, we are requesting to add two courses.

**Is this program interdisciplinary?**

No

**Corresponding Program(s):**

**Corresponding Program(s)**

Natural Resources Environmental Sciences, BS

**Academic Level**

Undergraduate

**Is This a Teacher Certification Program?**

No

**Will specialized accreditation be sought for this program?**

No

## **Enrollment**

**Describe how this revision will impact enrollment and degrees awarded.**

We anticipate no impact on enrollment or degrees awarded.

## **Delivery Method**

**Is this program available on campus and online?**

No

**This program is available:**

On Campus

## **Budget**

**Are there budgetary implications for this revision?**

No

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

No

## **Resource Implications**

Facilities

**Will the program require new or additional facilities or significant improvements to already existing facilities?**

No

Technology

**Will the program need additional technology beyond what is currently available for the unit?**

No

Non-Technical Resources

**Will the program require additional supplies, services or equipment (non-technical)?**

No

## **Resources**

Faculty Resources

**Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.**

There is capacity for student enrollment to increase in the proposed course additions without impacting faculty teaching loads.

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.**

These changes only impact courses currently offered, so we do not anticipate any impact on library resources.

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 impacted by the creation/revision of this program?**

No

## **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

## **Program Regulation and Assessment**

**Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).**

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.

**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/PrivateAdminRules2017.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.

**All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.**

**Revised programs**

NRES\_ESRE\_curriculum\_revision\_proposal\_2020.docx

Attach a side-by-side comparison with the existing program AND, if the revision references or adds “chose-from” lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text

**Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.**

No changes

**Statement for Programs of Study Catalog**

Code	Title	Hours
<b>Concentration Core Requirements</b>		
NRES 419	Env and Plant Ecosystems	3
NRES 420	Restoration Ecology	4
NRES 465	Landscape Ecology	3
<b>Concentration Elective Requirements</b>		
Two Ecology Courses		6-7
NRES 302	Dendrology	
NRES 362	Ecology of Invasive Species	
NRES 415	Native Plant ID and Floristics	
CPSC 431	Plants and Global Change	
IB 452	Ecosystem Ecology	
IB 453	Community Ecology	
IB 439	Biogeography	
One Ecosystem or Management Course		3-4
NRES 401	Watershed Hydrology	
NRES 402	Ecohydrology and Water Management	
NRES 418	Wetland Ecology & Management	
NRES 427	Modeling Natural Resources	
NRES 429	Aquatic Ecosystem Conservation	
NRES 485	Stream Ecosystem Management	
CPSC 437	Principles of Agroecology	
CEE 432	Stream Ecology	
IB 361	Ecology and Human Health	
IB 451	Conservation Biology	
UP 405	Watershed Ecology and Planning	
UP 406	Urban Ecology	
<b>Total Concentration-Required Hours:</b>		<b>19-21</b>

**EP Documentation**

**DMI Documentation**

**Banner/Codebook Name**

Ecosystem Stewardship and Restoration Ecology



**Program Code:**

5686

**Conc Code**

5686

**Degree Code**

BS

**Major Code**

0051

**Program Reviewer Comments**

**Kathy Martensen (kmartens) (Mon, 04 May 2020 19:07:55 GMT):**Administrative approval: No change to total hours required.

Key: 634

## Appendix A: (Proposed Curriculum Revisions)

The following table shows the proposed revisions to the curriculum course tables for the Natural Resources and Environmental Sciences **Ecosystem Stewardship and Restoration Ecology** concentration. Where appropriate, changes are highlighted with color to indicate courses that will be added (blue) to the curriculum.

<i>Current Requirements</i>		<i>Revised Requirements</i>	
	hours		hours
<b>ECOSYSTEM STEWARDSHIP AND RESTORATION ECOLOGY</b>	<b>19-21</b>	<b>ECOSYSTEM STEWARDSHIP AND RESTORATION ECOLOGY</b>	<b>19-21</b>
<i>Concentration Core Requirements</i>		<i>Concentration Core Requirements</i>	
NRES 419 Environment and Plant Ecosystems	3	NRES 419 Environment and Plant Ecosystems	3
NRES 420 Restoration Ecology	4	NRES 420 Restoration Ecology	4
NRES 465 Landscape Ecology	3	NRES 465 Landscape Ecology	3
<i>Concentration Elective Requirements</i>		<i>Concentration Elective Requirements</i>	
Two Ecology courses	6-7	Two Ecology courses	6-7
		NRES 302 Dendrology	4
NRES 362 Ecology of Invasive Species	3	NRES 362 Ecology of Invasive Species	3
NRES 415 Native Plant ID and Floristics	4	NRES 415 Native Plant ID and Floristics	4
CPSC 431 Plants and Global Change	3	CPSC 431 Plants and Global Change	3
IB 453 Community Ecology	3	IB 453 Community Ecology	3
IB 452 Ecosystem Ecology	3	IB 452 Ecosystem Ecology	3
IB 439 Biogeography	3	IB 439 Biogeography	3
One Ecosystem or Management course	3-4	One Ecosystem or Management course	3-4
		NRES 401 Watershed Hydrology	3
NRES 402 Ecohydrology and Water Management	3	NRES 402 Ecohydrology and Water Management	3
NRES 418 Wetland Ecology and Mgmt	3	NRES 418 Wetland Ecology and Mgmt	3
NRES 427 Modeling Natural Resources	4	NRES 427 Modeling Natural Resources	4
NRES 429 Aquatic Ecosystem Conservation	3	NRES 429 Aquatic Ecosystem Conservation	3

NRES 485 Stream Ecosystem Mgt	4		NRES 485 Stream Ecosystem Mgt	4
CEE 432 Stream Ecology	3		CEE 432 Stream Ecology	3
CPSC 437 Principles of Agroecology	3		CPSC 437 Principles of Agroecology	3
IB 361 Ecology and Human Health	3		IB 361 Ecology and Human Health	3
IB 451 Conservation Biology	4		IB 451 Conservation Biology	4
UP 405 Watershed Ecology and Planning	4		UP 405 Watershed Ecology and Planning	4
UP 406 Urban Ecology	4		UP 406 Urban Ecology	4

# 5687: NATURAL RESOURCES & ENVIRONMENTAL SCIENCES: FISH WILDLIFE & CONSERVATION BIOLOGY, BS

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## In Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu)
2. 1875 Committee Chair (jrmillr@illinois.edu)
3. 1875 Head (schooley@illinois.edu)
4. KL Committee Chair (acyann@illinois.edu)
5. KL Dean (aball@illinois.edu)
6. University Librarian (jpwilkin@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Senate EPC (bjlehman@illinois.edu)
9. Senate (jtempel@illinois.edu)
10. U Senate Conf (none)
11. Board of Trustees (none)
12. IBHE (none)
13. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

## Approval Path

1. Tue, 07 Apr 2020 23:15:19 GMT  
Kathy Martensen (kmartens): Approved for U Program Review
2. Wed, 08 Apr 2020 11:03:53 GMT  
James Miller (jrmillr): Approved for 1875 Committee Chair
3. Wed, 08 Apr 2020 13:45:02 GMT  
Robert Schooley (schooley): Approved for 1875 Head
4. Sun, 03 May 2020 16:59:42 GMT  
Anthony Yannarell (acyann): Approved for KL Committee Chair
5. Mon, 04 May 2020 13:27:39 GMT  
Anna Ball (aball): Approved for KL Dean
6. Mon, 04 May 2020 13:53:30 GMT  
John Wilkin (jpwilkin): Approved for University Librarian
7. Mon, 04 May 2020 19:06:44 GMT  
Kathy Martensen (kmartens): Approved for Provost

## History

1. Mar 18, 2019 by Deb Forgacs (dforgacs)

Date Submitted: Tue, 07 Apr 2020 21:44:04 GMT

## Viewing: 5687 : Natural Resources & Environmental Sciences: Fish Wildlife & Conservation Biology, BS

Changes proposed by: Susan Helmink

## Proposal Type

### Proposal Type:

Concentration (ex. Dietetics)

### This proposal is for a:

Revision

Proposal Title:

**if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions***

Administrative approval: Proposal to revise four concentrations and make revisions to the list of required courses for the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES), in the Department of Natural Resources and Environmental Sciences, College of Agricultural, Consumer and Environmental Sciences (program keys 86, 633, 632, 634, 631)

**EP Control Number**

EP.20.180

**Official Program Name**

Natural Resources & Environmental Sciences: Fish Wildlife & Conservation Biology, BS

**Effective Catalog Term**

Fall 2020

**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**

Tony Yannarell, Associate Professor and Chair of the ACES Courses and Curriculum Committee

**College Contact Email**

acyann@illinois.edu

## **Program Description and Justification**

**Justification for proposal change:**

This is a multi-part proposal to make revisions to the Bachelor of Science in Natural Resources and Environmental Sciences (B.S. in NRES) and each of its four concentrations. The proposed changes are designed to improve student advising the curriculum flexibility.

Specifically, we are requesting to add one newer course.

**Is this program interdisciplinary?**

No

**Corresponding Program(s):**

**Corresponding Program(s)**

Natural Resources Environmental Sciences, BS

**Academic Level**

Undergraduate

**Is This a Teacher Certification Program?**

No

**Will specialized accreditation be sought for this program?**

No

## **Enrollment**

**Describe how this revision will impact enrollment and degrees awarded.**

We anticipate no impact on enrollment or degrees awarded.

## **Delivery Method**

**Is this program available on campus and online?**

No

**This program is available:**

On Campus

## **Budget**

**Are there budgetary implications for this revision?**

No

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

No

## **Resource Implications**

Facilities

**Will the program require new or additional facilities or significant improvements to already existing facilities?**

No

Technology

**Will the program need additional technology beyond what is currently available for the unit?**

No

Non-Technical Resources

**Will the program require additional supplies, services or equipment (non-technical)?**

No

## **Resources**

Faculty Resources

**Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.**

There is capacity for student enrollment to increase in the proposed course addition without impacting faculty teaching loads.

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.**

These changes only impact courses currently offered, so we do not anticipate any impact on library resources.

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 impacted by the creation/revision of this program?**

No

## **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

## **Program Regulation and Assessment**

**Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).**

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.

**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/PrivateAdminRules2017.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.

**All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.**

### **Revised programs**

NRES\_FWCB\_curriculum\_revision\_proposal\_2020.docx



Attach a side-by-side comparison with the existing program AND, if the revision references or adds “chosed-from” lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text

**Catalog Page Text:** Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.

No changes

**Statement for Programs of Study Catalog**

Code	Title	Hours
<b>Concentration Core Requirements</b>		
NRES 407	Wildlife Population Ecology	4
NRES 409	Fishery Ecol and Conservation	4
<b>Concentration Elective Requirements</b>		
One Organismal Biology/Identification Course		4
IB 461	Ornithology	
IB 462	Mammalogy	
IB 463	Ichthyology	
IB 464	Herpetology	
One Specialization Course		3-4
NRES 362	Ecology of Invasive Species	
NRES 418	Wetland Ecology & Management	
NRES 419	Env and Plant Ecosystems	
NRES 420	Restoration Ecology	
NRES 429	Aquatic Ecosystem Conservation	
NRES 465	Landscape Ecology	
NRES 485	Stream Ecosystem Management	
IB 329	Animal Behavior	
IB 451	Conservation Biology	
One Plant Classification/Identification Course		4
NRES 302	Dendrology	
NRES 415	Native Plant ID and Floristics	
HORT 301	Woody Landscape Plants	
IB 335	Plant Systematics	
<b>Total Concentration-Required Hours</b>		<b>19-20</b>

**EP Documentation**

**DMI Documentation**

**Banner/Codebook Name**

Fish Wildlife and Conservation Biology

**Program Code:**

5687

**Conc Code**

5687

**Degree Code**

BS

**Major Code**

0051

**Program Reviewer Comments**

**Kathy Martensen (kmartens) (Mon, 04 May 2020 19:06:16 GMT):**Administrative approval: No change to total hours required.

Key: 631

## Appendix A: (Proposed Curriculum Revisions)

The following table shows the proposed revisions to the curriculum course tables for the Natural Resources and Environmental Sciences **Fish, Wildlife and Conservation Biology** concentration. Where appropriate, changes are highlighted with color to indicate courses that will be added (blue) to the curriculum.

<i>Current Requirements</i>		<i>Revised Requirements</i>	
	hours		hours
<b>FISH, WILDLIFE AND CONSERVATION BIOLOGY</b>	<b>19-20</b>	<b>FISH, WILDLIFE AND CONSERVATION BIOLOGY</b>	<b>19-20</b>
<i>Concentration Core Requirements</i>		<i>Concentration Core Requirements</i>	
NRES 407 Wildlife Population Ecology	4	NRES 407 Wildlife Population Ecology	4
NRES 409 Fishery Ecol and Conservation	4	NRES 409 Fishery Ecol and Conservation	4
<i>Concentration Elective Requirements</i>		<i>Concentration Elective Requirements</i>	
One organismal Biology/Identification course	4	One organismal Biology/Identification course	4
IB 461 Ornithology	4	IB 461 Ornithology	4
IB 462 Mammology	4	IB 462 Mammology	4
IB 463 Ichthyology	4	IB 463 Ichthyology	4
IB 464 Herpetology	4	IB 464 Herpetology	4
One specialization course	3-4	One specialization course	3-4
		NRES 485 Stream Ecosystem Management	3
NRES 362 Ecology of Invasive Species	3	NRES 362 Ecology of Invasive Species	3
NRES 418 Wetland Ecology and Mgmt	3	NRES 418 Wetland Ecology and Mgmt	3
NRES 419 Env and Plant Ecosystems	3	NRES 419 Env and Plant Ecosystems	3
NRES 420 Restoration Ecology	4	NRES 420 Restoration Ecology	4
NRES 429 Aquatic Ecosystem Conservation	3	NRES 429 Aquatic Ecosystem Conservation	3
NRES 465 Landscape Ecology	3	NRES 465 Landscape Ecology	3
IB 329 Animal Behavior	3	IB 329 Animal Behavior	3
IB 451 Conservation Biology	4	IB 451 Conservation Biology	4
One Plant Classification/ Identification course	4	One Plant Classification/ Identification course	4

	NRES 302 Dendrology	4		NRES 302 Dendrology	4
	NRES 415 Native Plant ID and Floristics	4		NRES 415 Native Plant ID and Floristics	4
	IB 335 Systematics of Plants	4		IB 335 Systematics of Plants	4
	HORT 301 Woody Landscape Plants I	4		HORT 301 Woody Landscape Plants I	4

# 10KN0093BS: SPECIAL EDUCATION, BS

---

## Completed Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu)
2. 1570 Committee Chair (sdymond@illinois.edu)
3. 1570 Head (ostrosky@illinois.edu; schultze@illinois.edu)
4. KN Committee Chair (kstalter@illinois.edu; wdhuang@illinois.edu; kkernick@illinois.edu; awitt1@illinois.edu; erobbins@illinois.edu)
5. KN Dean (lmonda@illinois.edu; kstalter@illinois.edu; cspan@illinois.edu; kkernick@illinois.edu; erobbins@illinois.edu)
6. University Librarian (jpwilkin@illinois.edu)
7. COTE Programs (nilatha@illinois.edu; bmclvnr@illinois.edu)
8. Provost (kmartens@illinois.edu)
9. Senate EPC (bjlehman@illinois.edu)
10. Senate (jtempel@illinois.edu)
11. U Senate Conf (none)

## Approval Path

1. Thu, 09 Jan 2020 17:50:56 GMT  
Deb Forgacs (dforgacs): Approved for U Program Review
2. Mon, 13 Jan 2020 20:44:11 GMT  
Stacy Dymond (sdymond): Approved for 1570 Committee Chair
3. Mon, 13 Jan 2020 20:47:12 GMT  
Michaelene Ostrosky (ostrosky): Approved for 1570 Head
4. Fri, 31 Jan 2020 21:51:55 GMT  
Wenhao David Huang (wdhuang): Approved for KN Committee Chair
5. Fri, 31 Jan 2020 23:12:16 GMT  
Lisa Monda-Amaya (lmonda): Approved for KN Dean
6. Fri, 31 Jan 2020 23:16:12 GMT  
John Wilkin (jpwilkin): Approved for University Librarian
7. Mon, 03 Feb 2020 16:24:48 GMT  
Brenda Clevenger (bmclvnr): Approved for COTE Programs
8. Tue, 04 Feb 2020 15:42:52 GMT  
Kathy Martensen (kmartens): Approved for Provost
9. Tue, 18 Feb 2020 16:43:47 GMT  
Barbara Lehman (bjlehman): Approved for Senate EPC
10. Thu, 12 Mar 2020 17:26:57 GMT  
Jennifer Roether (jtempel): Approved for Senate
11. Thu, 02 Apr 2020 18:51:08 GMT  
Kathy Martensen (kmartens): Approved for U Senate Conf

## History

1. Apr 6, 2019 by Deb Forgacs (dforgacs)
2. Apr 2, 2020 by Kat Kernick (kkernick)

Date Submitted: Fri, 10 Apr 2020 11:46:29 GMT

## Viewing: 10KN0093BS : Special Education, BS

Changes proposed by: Kat Kernick

## Proposal Type

### Proposal Type:

Major (ex. Special Education)

**This proposal is for a:**

Revision

Proposal Title:

**if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions***

Administrative approval: A BS revision with a course substitution

**EP Control Number**

EP.20.180

**Official Program Name**

Special Education, BS

**Effective Catalog Term**

Fall 2020

**Sponsor College**

Education

**Sponsor Department**

Special Education

**Sponsor Name**

Stacy Dymond

**Sponsor Email**

sdymond@illinois.edu

**College Contact**

Kathy Stalter

**College Contact Email**

kstalter@illinois.edu

## Program Description and Justification

### Justification for proposal change:

SPED 312 (Introduction to Educational Technology) was originally designed to provide students entering the special education program with introductory knowledge about technology. Today's students have grown up with this technology and now enter the program with skills that far exceed those covered in this course. Advanced concepts of educational technology are embedded in other existing courses. We believe this course is no longer needed and propose to discontinue this course requirement and allow students to take an elective in its place. Students currently do not have any electives in the program (unless they double dip with gen ed requirements), thus allowing students to take an elective will enable them to pursue other learning related to their interests or courses that count toward other teaching endorsements.

### Corresponding Degree

BS Bachelor of Science

### Is this program interdisciplinary?

No

### Academic Level

Undergraduate

### Will you admit to the concentration directly?

No

### Is a concentration required for graduation?

No

### CIP Code

131001 - Special Education and Teaching, General.

### Is This a Teacher Certification Program?

Yes

### Will specialized accreditation be sought for this program?

No

## Admission Requirements

### Desired Effective Admissions Term

Fall 2020

**Is this revision a change to the admission status of the program?**

No

**Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.**

No changes are being made to admission requirements.

**Describe how critical academic functions such as admissions and student advising are managed.**

No changes are being made to admission and student advising.

## **Enrollment**

**Describe how this revision will impact enrollment and degrees awarded.**

This will not impact enrollment.

**Estimated Annual Number of Degrees Awarded**

**What is the matriculation term for this program?**

Fall

## **Delivery Method**

**Is this program available on campus and online?**

No

**This program is available:**

On Campus

## **Budget**

**Are there budgetary implications for this revision?**

No

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

No



## Resource Implications

### Facilities

**Will the program require new or additional facilities or significant improvements to already existing facilities?**

No

### Technology

**Will the program need additional technology beyond what is currently available for the unit?**

No

### Non-Technical Resources

**Will the program require additional supplies, services or equipment (non-technical)?**

No

## Resources

### Faculty Resources

**Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.**

This will not impact faculty resources.

### 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.**

This will not impact Library resources.

### 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 impacted by the creation/revision of this program?**

No

## **Financial Resources**

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

No

**Will an existing tuition rate be used or continue to be used for this program?**

Yes

## **Program Regulation and Assessment**

**Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).**

The BS for undergraduates leads to a state teaching license in special education. SPED 312 is currently a required course for licensure but the course is not linked to any licensure competencies. Program learning objectives, metrics, and the process used to ensure assessment results are used to improve student learning will not change as a result of this program change.

**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/PrivateAdminRules2017.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.

**All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.**

### **Revised programs**

SPED Degree Requirement revision.docx

**Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.**

**Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.**

There will be no changes to the catalog page text.

**Statement for Programs of Study Catalog**

**Degree Requirements**

<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Orientation Seminar</b>		
EDUC 101	Education Orientation Seminar	1
<b>Composition</b>		
Composition I		4-6
Advanced composition. Students are encouraged to select a course that will also meet a requirement in another general education area. <sup>3</sup>		0-4
<b>Language other than English</b>		
Three years of one language other than English in high school or completion of the third semester of college-level language		0-12
<b>Humanities/Arts</b>		
SPED 117	The Culture of Disability	3
Humanities/Arts elective <sup>3</sup>		3
<b>Cultural Studies<sup>3</sup></b>		
One Western/Comparative Culture(s)		
One US Minority Culture(s)		
One Non-Western Culture(s)		
<b>Natural Sciences and Technology<sup>3</sup></b>		
Life and/or Physical Sciences		6
<b>Social/Behavioral Sciences</b>		
Select one of the following:		4
PSYC 100	Intro Psych	
PSYC 103	Intro Experimental Psych	
KIN 262	Motor Develop, Growth & Form	3
<b>Quantitative Reasoning<sup>3</sup></b>		
Quantitative Reasoning I (MATH 103is recommended)		3-4
Quantitative Reasoning I or II <sup>3</sup>		3
<b>Electives</b>		
Elective courses (if needed to complete the 125 hour graduate requirement)		2-8
<b>Professional Education Requirements</b>		
EDUC 201 & EDUC 202	Identity and Difference in Education and Social Justice, School and Society(or program-approved equivalent courses)	6
Select one of the following:		3
PSYC 216	Child Psych	
EPSY 201	Educational Psychology	
HDFS 105	Intro to Human Development	
or other approved course		
SHS 320	Development of Spoken Language	3
SPED 312	Introduction to Educational Technology	2
EDPR 250	School & Community Experiences (LBS)	4
EDPR 420	Ed Prac Students with Sp Needs (LBE)	6
EDPR 420	Ed Prac Students with Sp Needs (LBS)	6

EDPR 420	Ed Prac Students with Sp Needs (LBT)	6
CI 431	Teaching Elementary Mathematics	4
CI 475	Teaching Elementary Reading and Language Arts I	4
<b>Special Education Core Requirements</b>		
SPED 317	Characteristics & Eligibility	3
SPED 424	Foundations of Assessment	3
SPED 426	Collaboration and Teaming	3
SPED 431	Assistive Technology and Physical Disabilities	2
SPED 438	Collaborating with Families	3
SPED 440	Instructional Strategies I	4
SPED 441	Instructional Strategies II	4
SPED 444	Career Development and Transition	3
SPED 446	Curriculum Development I	4
SPED 447	Curriculum Development II	4
SPED 448	Curriculum Development III	4
SPED 461	Alternative and Augmentative Communication and Literacy	3
SPED 470	Learning Environments I	3
SPED 471	Learning Environments II	3
Total Hours		125

TOTAL minimum hours include general education and professional education credits.<sup>4</sup>

<sup>1</sup> Applicants may contact the Department of Special Education for further information on the prior experience requirement.

<sup>2</sup> Six hours of ROTC upper level courses (300 level or above) can count toward the degree as free electives.

<sup>3</sup> General Education Requirement: Courses must be selected from the Campus General Education Approved Course List.

<sup>4</sup> The total hours required for the degree may be higher for students who do not complete the language other than English requirement in high school.

## EP Documentation

## DMI Documentation

### Attach Final Approval Notices

ClassSenMinUIUC033120.pdf

### Banner/Codebook Name

BS:Special Education -UIUC

### Program Code:

10KN0093BS

### Degree Code

BS

### Major Code

0093

**Program Reviewer Comments**

**Kathy Martensen (kmartens)** (Wed, 06 May 2020 22:10:56 GMT):Administrative approval: Increases flexibility, no change to total required hours.

Key: 107



University Senates Conference  
378 Henry Administration Building, MC 348  
506 South Wright Street  
Urbana, IL 61801

April 2, 2020

Kathy Martensen  
Assistant Provost for Educational Programs  
206 Swanlund, MC-304

Dear Kathy:

At its meeting on March 31, the University Senates Conference approved the proposed classification of minutes of the Urbana-Champaign Senate meeting of March 9. The Class I items are listed below.

- EP.20.105 Revising Requirements for BS in Industrial Engineering
- EP.20.107 Eliminate the Teaching East Asian Languages concentration within the BALAS in East Asian Languages and Cultures
- EP.20.108 Add Other Language Courses to the Spanish Minor
- EP.20.109 Add Other Language Courses to the Spanish, BALAS
- EP.20.112 Deactivate the International Business Concentration
- EP.20.113 Create an International Business Minor
- EP.20.114 Deactivate the General Management Concentration in Management, BS
- EP.20.115 Phase Down of 1-Year M.ARCH Track
- EP.20.116 New Concentration in Building Performance in the Master of Architecture (M.ARCH) Program
- EP.20.117 New Concentration in Health and Wellbeing in the Master of Architecture (M.ARCH) Program
- EP.20.118 New Concentration in Urbanism in the Master of Architecture (M.ARCH) Program
- EP.20.119 Eliminate the MS in the Teaching of Earth Science, Department of Geology, College of Liberal Arts and Sciences

Kathy Martensen

April 2, 2020

Page 2

- EP.20.120    Revise the Master of Science in Community Health
- EP.20.121    Revising EdD Degree Program Course and Exam Requirement
- EP.20.122    Proposal to Relocate the Interdisciplinary Health Studies Major: Interdisciplinary Health Sciences, BS
- EP.20.123    Proposal to Relocate the Interdisciplinary Health Sciences, BS (Health & Aging Concentration)
- EP.20.124    Proposal to Relocate the Interdisciplinary Health Sciences, BS (Health Behavior Change Concentration)
- EP.20.125    Proposal to Relocate the Interdisciplinary Health Sciences, BS (Health Diversity Concentration)
- EP.20.133    Bioengineering, BS: Revising How General Education Requirements are Shown; Revising How Free and Liberal Education Electives are Shown

Sincerely,



Connie Sailor  
Administrative Aide

c: Ellen Foran,  
Renee Nagy  
Julian Parrott  
Jenny Roether  
Nathan Wilds

## Current Program

Orientation Seminar		
<a href="#">EDUC 101</a>	Education Orientation Seminar	1
<b>Composition</b>		
Composition I		4-6
Advanced composition. Students are encouraged to select a course that will also meet a requirement in another general education area. <sup>3</sup>		0-4
<b>Language other than English</b>		
Three years of one language other than English in high school or completion of the third semester of college-level language		0-12
<b>Humanities/Arts</b>		
<a href="#">SPED 117</a>	The Culture of Disability	3
Humanities/Arts elective <sup>3</sup>		3
<b>Cultural Studies</b> <sup>3</sup>		9
One Western/Comparative Culture(s)		
One US Minority Culture(s)		
One Non-Western Culture(s)		
<b>Natural Sciences and Technology</b> <sup>3</sup>		
Life and/or Physical Sciences		6
Social/Behavioral Sciences		
<b>Select one of the following:</b>		4
<a href="#">PSYC 100</a>	Intro Psych	
<a href="#">PSYC 103</a>	Intro Experimental Psych	
<a href="#">KIN 262</a>	Motor Develop, Growth & Form	3
<b>Quantitative Reasoning</b> <sup>3</sup>		
Quantitative Reasoning I ( <a href="#">MATH 103</a> is recommended)		3-4
Quantitative Reasoning I or II <sup>3</sup>		3
<b>Electives</b>		
Elective courses (if needed to complete the 125 hour graduate requirement)		0-8
<b>Professional Education Requirements</b>		
<a href="#">EDUC 201</a> & <a href="#">EDUC 202</a>	Identity and Difference in Education and Social Justice, School and Society (or program-approved equivalent courses)	6



Select one of the following:		3
<a href="#">PSYC 216</a>	Child Psych	
<a href="#">EPSY 201</a>	Educational Psychology	
<a href="#">HDFS 105</a>	Intro to Human Development	
or other approved course		
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Special Education Core Requirements		
<a href="#">SPED 317</a>	Characteristics & Eligibility	3
<a href="#">SPED 424</a>	Foundations of Assessment	3
<a href="#">SPED 426</a>	Collaboration and Teaming	3
<a href="#">SPED 431</a>	Assistive Technology and Physical Disabilities	2
<a href="#">SPED 438</a>	Collaborating with Families	3
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<a href="#">SPED 446</a>	Curriculum Development I	4
<a href="#">SPED 447</a>	Curriculum Development II	4
<a href="#">SPED 448</a>	Curriculum Development III	4
<a href="#">SPED 461</a>	Alternative and Augmentative Communication and Literacy	3
<a href="#">SPED 470</a>	Learning Environments I	3
<a href="#">SPED 471</a>	Learning Environments II	3
Total Hours		125

## Proposed Program

Orientation Seminar		
<a href="#">EDUC 101</a>	Education Orientation Seminar	1
<b>Composition</b>		
Composition I		4-6
Advanced composition. Students are encouraged to select a course that will also meet a requirement in another general education area. <sup>3</sup>		0-4
<b>Language other than English</b>		
Three years of one language other than English in high school or completion of the third semester of college-level language		0-12
<b>Humanities/Arts</b>		
<a href="#">SPED 117</a>	The Culture of Disability	3
Humanities/Arts elective <sup>3</sup>		3
<b>Cultural Studies</b> <sup>3</sup>		9
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<b>Quantitative Reasoning</b> <sup>3</sup>		
Quantitative Reasoning I ( <a href="#">MATH 103</a> is recommended)		3-4
Quantitative Reasoning I or II <sup>3</sup>		3
<b>Electives</b>		
Elective courses (if needed to complete the 125 hour graduate requirement)		<del>0</del> 2-8
<b>Professional Education Requirements</b>		
<a href="#">EDUC 201</a> & <a href="#">EDUC 202</a>	Identity and Difference in Education and Social Justice, School and Society (or program-approved equivalent courses)	6

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Total Hours		125

