

CHANGE UNDERGRADUATE DEGREE PROGRAM

PLEASE NOTE: To ensure that a series of changes to an existing degree program does not essentially create a new program, the Southern Association for the Accreditation of Colleges and Schools (SACS) requires submission of its Substantive Change Checklist for every program change. Prior to college-level review, you must fill out and submit the [SACS Substantive Change Checklist](#) to the Office of Institutional Effectiveness. Contact Institutional Effectiveness ([OSPIE@uky.edu](mailto:OSPIE@uky.edu)) for assistance.

Once approved at the college level, your college will send the proposal to the appropriate Senate academic council (HCCC and/or UC) for review and approval. Once approved at the academic council level, the academic council will send your proposal to the Senate Council office for additional review and then a 10-day posting online, during which senators review on their own and have an option to register an objection if they so desire. If no objection is raised to the Senate Council Office within ten days of the posting the proposal, then the program change is approved. The Senate Council Office will report approvals to the Provost, Registrar and other appropriate entities, including the contact person.

For every proposed change, you MUST also include the existing requirement.

**SUMMARY OF CHANGES**

**Check all that apply.**

<input checked="" type="checkbox"/> Courses	<input type="checkbox"/> Program name	<input type="checkbox"/> Total required credit hours	<input type="checkbox"/> Student learning outcomes
<input type="checkbox"/> Criteria for admissions/progression/termination	<input type="checkbox"/> Certificate assessment	<input type="checkbox"/> Other	

**1. General Information**

1a	Date of contact with Institutional Effectiveness (IE) <sup>1</sup> :	23-01-2019		
	<input checked="" type="checkbox"/> Appended to the end of this form is a PDF of the reply from Institutional Effectiveness.			
1b	College <sup>2</sup> :	Agriculture, Food and Environment	Department <sup>2</sup> :	Agriculture, General
1c	CIP code <sup>3</sup> :	03.0101	Today's Date:	23-01-2019
1d	Current major name: (Biology, Design, etc.)	Natural Resources and Environmental Science	Proposed major name:	<i>Natural Resources and Environmental Science</i>
1e	Current Degree (BA, BFA, etc.):	BSNRES	Proposed degree:	BSNRES
1f	Will there be any changes regarding a track(s) for the program?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
1g	Accrediting agency, if applicable:	NA		
1h	Date of most recent periodic program review for this degree:	2013		
1i	Requested effective date:	<input checked="" type="checkbox"/> Fall semester following approval.	OR	<input type="checkbox"/> Specific Date <sup>4</sup> : <i>Fall 20</i>

<sup>1</sup> Prior to college-level review, you must fill out and submit the SACS Substantive Change Checklist to the Office of Institutional Effectiveness. You can reach Institutional Effectiveness by phone or email (257-1962 or [OSPIE@uky.edu](mailto:OSPIE@uky.edu)).

<sup>2</sup> It is not possible to change the home academic unit of a degree program via this form. To change the home unit, visit <https://www.uky.edu/universitysenate/forms> and look for the heading, "Forms Related to Academic Organizational Structure."

<sup>3</sup> The CIP code is provided by Institutional Effectiveness. If a different CIP code is necessary, the program may undergo a review similar to the new program approval process.

<sup>4</sup> No program change(s) will be effective until all approvals are received.

CHANGE UNDERGRADUATE DEGREE PROGRAM

1j	Contact person name:	Brian Lee	Phone / Email:	77205 / blee@uky.edu
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**2. Overview of Changes**

2a	Describe the rationale for the changes, including results from the most recent program review if applicable. (450 word limit)
	We are modifying some errors to course listings (Guided Electives) from the last program change last year. We are modifying how we are offering the GCCR. Previously, the GCCR was completed in NRE 395 or 399 and now we will have a required NRE 400 (2 credit) course as the GCCR course. NRE 395/399 are becoming variable credit (1-3). NRE 395/399/400 will all have the option to be Distance Learning. Total credits remain the same for the degree. Section 4 below would not allow me to edit in the area to describe the GCCR changes so I am adding them here. NRE 395/399 were three credit courses used to complete GCCR. We have redesigned the courses for a number of reasons. Students are still required to take either NRE 395/399 for variable credit (1-3, min. 1) and will be required to complete NRE 400 (2 credits) with a min. of "C" to complete GCCR.

2b	Use the fields below, as applicable, to identify the areas in which changes will be made.		
		Current	<i>Proposed</i>
i.	Credit Hours of Premajor Courses:	25	
ii.	Credit Hours of Preprofessional Courses:	21	
iii.	Credit Hours of Major Core Course Requirements	45	
iv.	Minimum Credit Hours of Guided Electives:	18	
v.	Minimum Credit Hours of Free Electives:	11	
vi.	Credit Hours for Track 1 (name):		
vii.	Credit Hours for Track 2 (name):		
viii.	Credit Hours for Track 3 (name):		
ix.	Credit Hours for Track 4 (name):		
x.	Credit Hours for Track 5 (name):		
xi.	Credit Hours for Required Minor:		
xii.	Total Credit Hours Required by Level:		
	100-level:	24-36	24-36
	200-level:	10-16	10-16
	300-level:	23-45	23-43
	400-level:	16-25	18-25
	500-level:		

	<b>TOTAL CREDIT HOURS REQUIRED FOR GRADUATION:</b>	<u>120</u>	<u>120</u>
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xv.	If the total hours required for graduation have changed, explain below. (150 word limit)
	NA

2c	Will the requested change(s) result in the use of courses from another educational unit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	If "Yes," describe generally the courses and how they will be used.		
	We are dropping the use of GEO 309 and inserting GEO 409. This is what was intended but there was an error in the communication on the program change submission from last year (2017-2018).		

If "Yes," two pieces of supporting documentation are required.

Check to confirm that appended to the end of this form is a letter of support from the appropriate chair/director<sup>5</sup> of each unit from which individual courses will be used.

Check to confirm that appended to the end of this form is verification that the chair/director of each affected unit has consent from the faculty members of the unit. This typically takes the form of meeting minutes.

2d	Will the proposed change(s) affect an associated minor?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If "Yes," the department must also submit a change form to change the minor.			

**3. UK Core Courses**

3a	Are there any proposed changes to the UK Core requirements for the program? (If "Yes," indicate and proceed to next question. If "No," indicate and proceed to 4a.)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If "Yes," note the specific changes in the grid below.			

UK Core Area	Current Course	Current Credits	Proposed Course	Proposed Credits
<b>I. Intellectual Inquiry</b>				
Arts and Creativity				
Humanities				
Social Sciences				
Natural/Physical/Mathematical				
<b>II. Composition and Communication</b>				
Composition and Communication I	CIS/WRD 110	3	<i>CIS/WRD 110</i>	3
Composition and Communication II	CIS/WRD 111	3	<i>CIS/WRD 111</i>	3
<b>III. Quantitative Reasoning</b>				
Quantitative Foundations				
Statistical Inferential Reasoning				
<b>IV. Citizenship (one course in each area)</b>				
Community, Culture & Citizenship in USA				
Global Dynamics				
<b>Total UK Core Hours</b>		=====		=====

3b	Provide the Bulletin language about UK Core.

**4. Graduation Composition and Communication Requirement**

4a	Will the Graduation Composition and Communication requirement be changed? (If "Yes," indicate and proceed to next question. If "No," indicate and proceed to 5a.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If "Yes," note the specific changes below, including changes to credit hours.			
If the course(s) used are from outside the home unit, one piece of supporting documentation is required.			

<sup>5</sup> A dean may submit a letter only when there is no educational unit below the college level, i.e. there is no department/school.

CHANGE UNDERGRADUATE DEGREE PROGRAM

	<input type="checkbox"/> Check to confirm that appended to the end of this form is a letter of support from the other units' chair/director <sup>6</sup> from which individual courses will be used.	
	<b>Current</b>	<b>Proposed</b>
i.	<input checked="" type="checkbox"/> Single course in home unit: NRE 395/399	<input checked="" type="checkbox"/> <i>Single course in home unit: NRE 400</i>
ii.	<input type="checkbox"/> Multiple courses in home unit.	<input type="checkbox"/> <i>Multiple courses in home unit.</i>
iii.	<input type="checkbox"/> Single course outside home unit.	<input type="checkbox"/> <i>Single course outside home unit.</i>
iv.	<input type="checkbox"/> Multiple courses outside home unit.	<input type="checkbox"/> <i>Multiple courses outside home unit.</i>
v.	<input type="checkbox"/> Course(s) inside & outside home unit.	<input type="checkbox"/> <i>Course(s) inside &amp; outside home unit.</i>

4b Provide the Bulletin language about GCCR below.  
*NRE 400 Professional NRES Composition and Communication(2 credits). This course is the Graduation Composition and Communication Requirement (GCCR) course in this program, and hence is not likely to be eligible for automatic transfer credit to UK. There are specific university and program requirements to be achieved prior to enrolling in this course.*

**5. Other Course Changes**

5a Will the college-level requirements change? (If "Yes," indicate and note the specific changes in the grid below. If "No," indicate and proceed to question 5c.) Yes  No

<b>Current</b>			<b>Proposed</b>			
<input type="checkbox"/> Standard college requirement			<input type="checkbox"/> <i>Standard college requirement</i>			
<input type="checkbox"/> Specific course			<input type="checkbox"/> <i>Specific course</i>			
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status <sup>7</sup>
						Select one....
						Select one....
						Select one....

5b Will the existing language in the Bulletin about college-level requirements change? Yes  No   
 If "Yes," provide the new language below.

5c Will the pre-major or pre-professional course requirements change? (If "Yes," indicate and note the specific changes in the grid below. If "No," indicate and proceed to question 5e.) Yes  No

<b>Current</b>			<b>Proposed</b>			
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status <sup>8</sup>
						Select one....
						Select one....

<sup>6</sup> A dean may submit a letter only when there is no educational unit below the college level, i.e. there are no departments/schools.

<sup>7</sup> Use the drop-down list to indicate if the course is a new course ("new"), an existing course that will change ("change"), or if the course is an existing course that will not change ("no change").

<sup>8</sup> Use the drop-down list to indicate if the course is new, exists but will change, or exists but will not change.

CHANGE UNDERGRADUATE DEGREE PROGRAM

						Select one....	
						Select one....	
						Select one....	
5d	Provide the Bulletin language about pre-major or pre-professional courses below.						
5e	Will the major's core course requirements change? (If "Yes," indicate and note the specific changes in the grid below. If "No," indicate and proceed to question 5g.)					Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	If "Yes," note the specific changes in the grid below.						
Current			Proposed				
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status <sup>9</sup>	
NRE 395	3	Independent Study in Natural Resources and Environmental Science	NRE 395	1-3	Research in Natural Resources and Environmental Science	Change	
NRE 399	3	Experiential Education in Natural Resources and Environmental Science	NRE 399	1-3	Experiential Education in Natural Resources and Environmental Science	Change	
			NRE 400	2	Professional NRES Composition and Communication	New	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
5f	Provide the Bulletin language for major core course requirements.						
	The astric and note on the Envrionmental Education and Communication ASD (ECO 499) should not have been added to the bulletin last year (2018-2019). It is not clear to us how or why it was added. At one time, we required a special topics course but that was some time ago. The note about Stuckert Career Center Learning Contract should read as: "Requires approved (Advisor & Coordinator) Learning Contract as a condition of registration and prior to starting the learning experience."						

<sup>9</sup> Use the drop-down list to indicate if the course is new, exists but will change, or exists but will not change.

**CHANGE UNDERGRADUATE DEGREE PROGRAM**

<b>5g</b>	Will the guided electives change? (If "Yes," indicate and note the specific changes in the grid below. If "No," indicate and proceed to question 5i.)					Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<b>Current</b>			<b>Proposed</b>				
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status <sup>10</sup>	
GEO 309	3	Introduction to GIS	GEO 409	3	Advanced GIS	No Change	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
<b>5h</b>	Provide the Bulletin language for guided electives.						
	Please modify the course listing on the GEOSPATIAL ASD so that GEO 309 drops and GEO 409 is included.						
<b>5i</b>	Will the free electives change? (If "Yes," indicate and note the specific changes in the space below. If "No," indicate and proceed to question 5j.)					Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>5j</b>	Does the proposed change affect any track(s)? (If "Yes," note the specific changes using the grid below. If "No," proceed to question 6.)					Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	If more than one track is affected, click <a href="#">HERE</a> for a template. Append a PDF for each affected track to the end of this form.						
Track Name:		<input type="checkbox"/> New Track		<input type="checkbox"/> Changed Track		<input type="checkbox"/> Deleted Track	
<b>Current</b>			<b>Proposed</b>				
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status <sup>11</sup>	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
						Select one....	
<b>5k</b>	Provide the Bulletin language for the track.						

**6. Semester by Semester Program**

List below the typical semester-by-semester program for the major. If multiple tracks are available, click [HERE](#) for a template for additional tracks and append a PDF of each track's courses to the end of this form.

<sup>10</sup> Use the drop-down list to indicate if the course is new, exists but will change, or exists but will not change.

<sup>11</sup> Use the drop-down list to indicate if the course is new, exists but will change, or exists but will not change.

CHANGE UNDERGRADUATE DEGREE PROGRAM

<b>YEAR 1 – FALL:</b> (e.g. “BIO 103; 3 credits”)	Please see attached sample Plans	<b>YEAR 1 – SPRING:</b>	
<b>YEAR 2 - FALL :</b>		<b>YEAR 2 – SPRING:</b>	
<b>YEAR 3 - FALL:</b>		<b>YEAR 3 - SPRING:</b>	
<b>YEAR 4 - FALL:</b>		<b>YEAR 4 - SPRING:</b>	

**7. Approvals/Reviews**

Information below does not supersede the requirement for individual letters of support from educational unit administrators and verification of faculty support (typically takes the form of meeting minutes).

*In addition to the information below, attach documentation of department and college approval. This typically takes the form of meeting minutes but may also be an email from the unit head reporting department- and college-level votes.*

	<b>Reviewing Group Name</b>	<b>Date Approved</b>	<b>Contact Person Name/Phone/Email</b>
7a	(Within College)		
	<b>NRES Steering Committee</b>	<b>16-08-2018</b>	<b>Mary Arthur / 257-2852 / marthur@uky.edu</b>
	<b>Undergraduate Curriculum Committee, CAFE</b>	<b>Feb 8, 2019</b>	<b>Larry J. Grabau / 7-3468 / lgrabau@uky.edu</b>
			/ /
			/ /
7b	(Collaborating and/or Affected Units)		
	<b>Geography</b>	<b>05-02-2019</b>	<b>Patricia Erhkamp / 257-6952 / p.ehrkamp@uky.edu</b>
			/ /
			/ /
			/ /
			/ /
7c	(Senate Academic Council)		<b>Date Approved</b>
	Health Care Colleges Council (if applicable)		
	Undergraduate Council		3/5/19
			Joanie Ett-Mims

## Natural Resources and Environmental Science Plan of Study

Name: \_\_\_\_\_ Student ID # \_\_\_\_\_ Term Entered: \_\_\_\_\_

F = Fall Semester    S = Spring Semester Hours      When Course Taken

<b>UK Core</b>	U.S. Citizenship	GEN 100 (F freshmen)	3		
	Composition I	CIS/WRD 110 (F freshmen)	3		
	Composition II	CIS/WRD 111 (S freshmen)	3		
	Creativity and the Arts		3		
	Humanities		3		
	Social Sciences		3		
	Global Dynamics		3		
<b>UK Core &amp; PreMajor Req</b>	Quantitative Foundation	MA 123 or 113 or 137	4		
	Natural/Physical/Mathematical	CHE 105/111	4/1		
	Statistical Inferential Reasoning	STA 296	3		
<b>Pre-Major Requirements</b>	Principles of Biology I	BIO 148	3		
	Principles of Biology II	BIO 152	3		
	Principles in Economics I	ECO 201	3		
	Principles of Physical Geology	EES 220	4		
<b>Program Core</b>	<b>Sophomore</b>	Natural Resources & Environ Science	NRE 201 (F)	3	
		Environmental Ethics	PHI 336 (F)	3	
		Nat Res & Env Policy Analysis	NRE 381 (S)	3	
		Geospatial App for Land Analysis	LA/NRE 355	3	
		Fundamentals of Soil Science	PLS 366	4	
		Principles of Environmental Law	AEC 326	3	
		Natural Resources & Env Analysis	NRE 320 (Typically Summer)	3	
	<b>Senior</b>	Forest Ecology	FOR 340 (F)	4	
		Economic Botany	FOR 325 (F)	3	
		Forest Hydrology or Hydrology	FOR 460 (F) or EES 385 (F)	3	
		Intro to Resource & Env Economics	AEC 445G	3	
		Conservation Biology	FOR 435 (S)	3	
		NRES Comp & Comm (GCCR)	NRE 400 (F)	2	
		Senior Problem in NRES	NRE 471 (S)	4	

**!!!! All shaded courses MUST be taken BEFORE NRE 471 - If you plan to graduate in December, plan ahead!**

<b>Experiential Learning Req.</b>	Internship or Research Experience	NRE 399 or NRE 395	1	
	Download syllabus from <a href="http://nres.ca.uky.edu/content/internships">http://nres.ca.uky.edu/content/internships</a> NRE399/395 course is a prerequisite to NRE 400 Describe project:			

<b>Analytical Skill Dev. Area</b>	Area Selected:	Nine (9) hours total (6 must be 300+level)		
	1.			
	2.			
	3.			

<b>Env. Systems Emphasis Area</b>	Area Selected:	Nine (9) hours total (6 must be 300+level)		
	1.			
	2.			
	3.			

<b>Free Electives to bring total to 120</b>				

**Must have 45 hours of 300+ coursework and 120 total credits**

**Signatures and Dates**

NRES Student/Date	NRES Advisor/Date	



Semester: Fall		Year: Freshman
Course Number & Title	Hours	
UK CORE: GEN 100* (F)	3	
UK CORE: CIS/WRD 110	3	
UK CORE: CHE 105	4	
UK CORE: CHE 111	1	
UK CORE: Arts & Creativity	3	
<b>Total Hours</b>	<b>14</b>	

Semester: Spring		Year: Freshman
Course Number & Title	Hours	
UK CORE: MA 123	4	
UK CORE: CIS/WRD 111	3	
UK CORE: Global Dynamics	3	
UK CORE: Social Science	3	
UK CORE: Humanities	3	
<b>Total Hours</b>	<b>16</b>	

Semester: Fall		Year: Sophomore
Course Number & Title	Hours	
NRE 201* (F)	3	
PHI 336* (F)	3	
BIO 148	3	
ECO 201	3	
UK CORE: STA 296	3	
<b>Total Hours</b>	<b>15</b>	

Semester: Spring		Year: Sophomore
Course Number & Title	Hours	
BIO 152	3	
EES 220	4	
NRE 381 (S)	3	
PLS 366	4	
<b>Total Hours</b>	<b>14</b>	

<b>Summer: NRE 320* (Su)</b>	<b>3</b>
<b>Total Hours</b>	<b>3</b>

Semester: Fall		Year: Junior
Course Number & Title	Hours	
FOR 325 (F)	3	
FOR 340 (F)	4	
AEC 326	3	
ASDA or ESEA Elective	3	
ASDA or ESEA Elective	3	
<b>Total Hours</b>	<b>16</b>	

Semester: Spring		Year: Junior
Course Number & Title	Hours	
AEC 445G	3	
LA/NRE 355	3	
ASDA or ESEA Elective	3	
ASDA or ESEA Elective	3	
Elective	3	
<b>Total Hours</b>	<b>15</b>	

<b>Typically Summer: NRE 395 or 399</b>	<b>1</b>
<b>Total Hours</b>	<b>1*</b>

Semester: Fall		Year: Senior
Course Number & Title	Hours	
FOR 460 (F) or EES 385 (F)	3	
NRE 400	2	
ASDA or ESEA Elective	3	
ASDA or ESEA Elective	3	
Elective	3	
<b>Total Hours</b>	<b>14</b>	

Semester: Spring		Year: Senior
Course Number & Title	Hours	
NRE 471* (S)	4	
For 435 (S)	3	
Elective	3	
Elective	3	
<b>Total Hours</b>	<b>13</b>	

**\* Courses only offered this semester/year or highly recommended to take at this time.**

Courses only offered one semester are noted.  
Fall (F), Spring (S), Summer (Su)

With electives, study abroad can easily be worked into a summer or semester.

Semester: Fall		Year: Freshman	
Course Number & Title	Hours		
UK CORE: GEN 100* (F)	3		
UK CORE: CIS/WRD 110	3		
MA 109	3		
UK CORE: Arts & Creativity	3		
UK CORE: Social Sciences	3		
<b>Total Hours</b>	<b>15</b>		

Semester: Spring		Year: Freshman	
Course Number & Title	Hours		
UK CORE: CIS/WRD 111	3		
UK CORE: MA 123	4		
UK CORE: Humanities	3		
UK CORE: Global Dynamics	3		
ECO 201	3		
<b>Total Hours</b>	<b>16</b>		

Semester: Fall		Year: Sophomore	
Course Number & Title	Hours		
NRE 201* (F)	3		
PHI 336* (F)	3		
UK CORE: CHE 105	4		
UK CORE: CHE 111	1		
EES 220	4		
<b>Total Hours</b>	<b>15</b>		

Semester: Spring		Year: Sophomore	
Course Number & Title	Hours		
BIO 148	3		
LA/NRE 355	3		
NRE 381 (S)	3		
AEC 326	3		
UK CORE: STA 296	3		
<b>Total Hours</b>	<b>15</b>		

<b>Typically Summer: NRE 320* (Su)</b>	<b>3</b>
<b>Total Hours</b>	<b>3</b>

Semester: Fall		Year: Junior	
Course Number & Title	Hours		
FOR 325 (F)	3		
FOR 340 (F)	4		
PLS 366	4		
ASDA or ESEA Elective	3		
<b>Total Hours</b>	<b>14</b>		

Semester: Spring		Year: Junior	
Course Number & Title	Hours		
BIO 152	3		
ASDA or ESEA Elective	3		
ASDA or ESEA Elective	3		
Elective	3		
Elective	3		
<b>Total Hours</b>	<b>15</b>		

<b>Typically Summer: NRE 395 or 399</b>	<b>1</b>
<b>Total Hours</b>	<b>1*</b>

Semester: Fall		Year: Senior	
Course Number & Title	Hours		
FOR 460 (F) or EES 385 (F)	3		
ASDA or ESEA Elective	3		
ASDA or ESEA Elective	3		
AEC 445G	3		
NRE 400	2		
<b>Total Hours</b>	<b>14</b>		

Semester: Spring		Year: Senior	
Course Number & Title	Hours		
NRE 471* (S)	4		
FOR 435 (S)	3		
ASDA or ESEA Elective	3		
Elective	3		
<b>Total Hours</b>	<b>13</b>		

**\* Courses only offered this semester/year or highly recommended to take at this time.**

Courses only offered one semester are noted.  
Fall (F), Spring (S), Summer (Su)

With electives, study abroad can easily be worked into a summer or semester.

Semester: Fall		Year: Freshman
Course Number & Title	Hours	
UK CORE: GEN 100* (F)	3	
UK CORE: CIS/WRD 110	3	
UK CORE: CHE 105	4	
UK CORE: CHE 111	1	
UK CORE: Arts & Creativity	3	
<b>Total Hours</b>	<b>14</b>	

Semester: Spring		Year: Freshman
Course Number & Title	Hours	
UK CORE: CIS/WRD 111	4	
UK CORE: MA 123	3	
UK CORE: Global Dynamics	3	
UK CORE: Social Sciences	3	
UK CORE: Humanities	3	
<b>Total Hours</b>	<b>16</b>	

Semester: Fall		Year: Sophomore
Course Number & Title	Hours	
NRE 201* (F)	3	
PHI 336* (F)	3	
BIO 148	3	
ECO 201	3	
UK CORE: STA 296	3	
<b>Total Hours</b>	<b>15</b>	

Semester: Spring		Year: Sophomore
Course Number & Title	Hours	
BIO 152	3	
EES 220	4	
NRE 381 (S)	3	
AEC 326	3	
LA/NRE 355	3	
<b>Total Hours</b>	<b>16</b>	

<b>Typically Summer: NRE 320* (Su)</b>	3
<b>Total Hours</b>	<b>3*</b>

Semester: Fall		Year: Junior
Course Number & Title	Hours	
FOR 325 (F)	3	
FOR 340 (F)	4	
PLS 366	4	
ASDA or ESEA Elective	3	
<b>Total Hours</b>	<b>14</b>	

Semester: Spring		Year: Junior
Course Number & Title	Hours	
Study Abroad: ISP 599	1	
Abroad: ASDA or ESEA Elective	3	
Abroad: ASDA or ESEA Elective	3	
Abroad: Elective	3	
Abroad: Elective	3	
<b>Total Hours</b>	<b>13</b>	

<b>Typically Summer: NRE 395 or 399</b>	1
<b>Total Hours</b>	<b>1</b>

← This can be completed during study abroad as well.

Semester: Fall		Year: Senior
Course Number & Title	Hours	
FOR 460 (F) or EES 385 (F)	3	
ASDA or ESEA Elective	3	
ASDA or ESEA Elective	3	
ASDA or ESEA Elective	3	
NRE 400	2	
<b>Total Hours</b>	<b>14</b>	

Semester: Spring		Year: Senior
Course Number & Title	Hours	
NRE 471* (S)	4	
For 435 (S)	3	
AEC 445G	3	
Elective	3	
Elective	3	
<b>Total Hours</b>	<b>16</b>	

**\* Courses only offered this semester/year or highly recommended to take at this time.**

Courses only offered one semester are noted.  
Fall (F), Spring (S), Summer (Su)

With electives, study abroad can easily be worked into a summer or semester.



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February 5, 2019

Professor Brian Lee  
Landscape Architecture/NRES  
Program  
University of Kentucky

Dear Professor Lee,

I am writing to confirm that all geography faculty members were consulted via email on January 25, 2019 and voted 20 (yes), 0 (no) 0 (abstentions) to unanimously approve the inclusion of GEO 409 in the Geospatial Analytics Skills Development Area of the NRES undergraduate curriculum.

Sincerely,

A handwritten signature in black ink that reads "Patricia Ehrkamp".

Patricia Ehrkamp  
Associate Professor and Chair

**From:** [noreply@qualtrics-survey.com](mailto:noreply@qualtrics-survey.com)  
**To:** [Lee, Brian](#)  
**Subject:** Substantive Change Decision  
**Date:** Wednesday, January 23, 2019 10:51:01 AM

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Dear Brian Lee,

Thank you for your email regarding the proposed program change(s) to **Natural Resources and Environmental Science, Bachelor's (03.0101)**.

My email will serve 2 purposes: 1.) Next steps for SACSCOC, and 2.) Verification and notification that you have contacted OSPIE—a Senate requirement for proposal approval.

1. **Next steps for SACSCOC:** None required
2. **Verification that OSPIE has reviewed the proposal:** Based on the proposal documentation presented and Substantive Change Checklist, the proposed program changes (refer to list below) are not substantive changes as defined by the University or SACSCOC, the university's regional accreditor. Therefore, no additional information is required by the Office of Strategic Planning & Institutional Effectiveness at this time. The proposed program change(s) may move forward in accordance with college and university-level approval processes.

**Description of Proposed Change(s):**

· We are modifying some errors to course listings (Guided Electives) from the last program change last year. We are modifying how we are offering the GCCR. Previously, the GCCR was completed in NRE 395 or 399 and now we will have a required NRE 400 (2 credit) course as the GCCR course. NRE 395/399 are becoming variable credit (1-3). Total credits remain the same for the degree. Section 4 on the US Program Change Form would not allow me to edit in the area to describe the GCCR changes so I am adding them here. NRE 395/399 were three credit courses used to complete GCCR. We have redesigned the courses for a number of reasons. Students are still required to take either NRE 395/399 for variable credit (1-3, min. 1) and will be required to complete NRE 400 (2 credits) with a min. of "C" to complete GCCR.

**Should you have questions or concerns about UK's substantive change policy and its procedures, please do not hesitate contacting our office.**

Office of Strategic Planning & Institutional Effectiveness

University of Kentucky

Visit the Institutional Effectiveness Website: <https://proxy.qualtrics.com/proxy/>

[url=http%3A%2F%2Fwww.uky.edu%2Fie&token=w%2BXHkAS0tASxS4xDceQ8e0MxnHdJ2Eu4smnkDcYodCE%3D](http://3A%2F%2Fwww.uky.edu%2Fie&token=w%2BXHkAS0tASxS4xDceQ8e0MxnHdJ2Eu4smnkDcYodCE%3D)