CHANGE UNDERGRADUATE PROGRAM FORM

1. General Information

College:	Agriculture, Food, and Environment	Department:	Interdepartmental

Current Major Name:	Natural Resources and Environmental Science	*Proposed Major Name:*	_____
Current Degree Title:	B.S.	*Proposed Degree Title:*	_____
Formal Option(s):	_____	*Proposed Formal Option(s):*	_____
Specialty Field w/in Formal Option:	_____	*Proposed Specialty Field w/in Formal Options:*	_____

Date of Contact with Associate Provost for Academic Administration[1]:	01/27/2015

Bulletin (yr & pgs):	2014-2015 pgs. 112-114	CIP Code[1]:	03.0101	Today's Date:	01/28/2015

Accrediting Agency (if applicable):	N/A

Requested Effective Date:	☒ Semester following approval.	OR	☐ Specific Date[2]:	_____

Dept. Contact Person:	Chris Matocha	Phone:	257-9312	Email:	cjmato2@uky.edu

2. General Education Curriculum for this Program:

The new General Education curriculum is comprised of the equivalent of 30 credit hours of course work. There are, however, some courses that exceed 3 credits & this would result in more than 30 credits in some majors.

- There is no foreign language requirement for the new Gen Ed curriculum.
- There is no General Education Electives requirement.

Please list the courses/credit hours currently used to fulfill the University Studies/General Education curriculum:
Arts and Creativity-choose from list-3 credit hours
Humanities-choose from list-3 credit hours
Social Sciences-choose from list 3 credit hours
Natural/Physical/Mathematical-CHE 105/111- 5 credit hours
Comp & Comm I-CIS or WRD 110- 3 credit hours
Comp & Comm II-CIS or WRD 111-3 credit hours
Quantitative Foundations-MA 123 or 113 or 137-4 credit hours
Statistical Inferential Reasoning-STA 210-3 credit hours
Community, Culture, and Citizenship in the USA-GEN 100*-3 credit hours
Global Dynamics-choose from list-3 credit hours
*College requirement; not required of students transferring into the College of Ag who have satisfied this UKCore requirement previously.

Please identify below the suggested courses/credit hours to fulfill the General Education curriculum.

General Education Area		**Course**	**Credit Hrs**
I. Intellectual Inquiry (one course in each area)			

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[1] Prior to filling out this form, you MUST contact the Associate Provost for Academic Administration (APAA). If you do not know the CIP code, the (APAA) can provide you with that during the contact.
[2] Program changes are typically made effective for the semester following approval. No program will be made effective until all approvals are received.

Arts and Creativity	*choose from list*	*3*
Humanities	*choose from list*	*3*
Social Sciences	*choose from list*	*3*
Natural/Physical/Mathematical	*CHE 105/111*	*5*
II. Composition and Communication		
Composition and Communication I	CIS or WRD 110	3
Composition and Communication II	CIS or WRD 111	3
III. Quantitative Reasoning (one course in each area)		
Quantitative Foundations[3]	*MA 123 or MA 113 or MA 137*	*4*
Statistical Inferential Reasoning	*STA 296*	*3*
IV. Citizenship (one course in each area)		
Community, Culture and Citizenship in the USA	*GEN 100*	*3*
Global Dynamics	*choose from list*	*3*
Total General Education Hours		*33*

3. Explain whether the proposed changes to the program (as described in sections 4 to 12) involve courses offered by another department/program. Routing Signature Log must include approval by faculty of additional department(s).

> The proposed changes will slightly impact enrollment in STA 210 and STA 296 courses offered by the Department of Statistics. Approval for this program change has been received from the chair of the Dept. of Statistics (Arnold Stromberg).

4. Explain how satisfaction of the University Graduation Writing Requirement will be changed.

Current	Proposed
☐ Standard University course offering. List: _____	☐ *Standard University course offering.* *List: _____*
☒ Specific course – list: NRE 201	☒ *Specific course) – list:* NRE 201

5. List any changes to college-level requirements that must be satisfied.

Current	Proposed
☒ Standard college requirement. List: GEN 100	☒ *Standard college requirement.* *List: GEN 100*
☐ Specific required course – list: _____	☐ *Specific course – list:* _____

6. List pre-major or pre-professional course requirements that will change, including credit hours.

Current	Proposed
BIO 148, 3 hours	*BIO 148, 3 hours*
BIO 152, 3 hours	*BIO 152, 3 hours*
CHE 105, 4 hours	*CHE 105, 4 hours*
CHE 111, 1 hour	*CHE 111, 1 hour*
ECO 201, 3 hours	*ECO 201, 3 hours*

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[3] Note that MA 109 is NOT approved as a Quantitative Foundations course. Students in a major requiring calculus will use a calculus course (MA 113, 123, 137 or 138) while students not requiring calculus should take MA 111, PHI 120 or another approved course.

EES 220, 4 hours MA 123 or 113 or 137, 4 hours STA 210, 3 hours Total pre-major requirements=25 hours	*EES 220, 4 hours* *MA 123 or 113 or 137, 4 hours* *STA 296, 3 hours* *Total pre-major requirements=25 hours*

7. List the major's course requirements that will change, including credit hours.

Current	*Proposed*
44-46	*44-46*

8. Does the pgm <u>require</u> a minor AND does the proposed <u>change</u> affect the required minor? ☒ N/A ☐ Yes ☐ No
If "Yes," indicate current courses and proposed changes below.

Current	*Proposed*

9. Does the proposed change affect any option(s)? ☒ N/A ☐ Yes ☐ No
If "Yes," indicate current courses and proposed changes below, including credit hours, and also specialties and subspecialties, if any.

Current	*Proposed*

10. Does the change affect pgm requirements for number of credit hrs outside the major subject in a related field? ☐ Yes ☒ No
If so, indicate current courses and proposed changes below.

Current	*Proposed*

11. Does the change affect pgm requirements for technical or professional support electives? ☐ Yes ☒ No
If so, indicate current courses and proposed changes below.

Current	*Proposed*

12. Does the change affect a minimum number of free credit hours or support electives? ☐ Yes ☒ No
If "Yes," indicate current courses and proposed changes below.

Current	*Proposed*

13. Summary of changes in required credit hours:

	Current	*Proposed*
a. Credit Hours of Premajor or Preprofessional Courses:	25	*25*
b. Credit Hours of Major's Requirements:	44-46	*44-46*
c. Credit Hours for Required Minor:		
d. Credit Hours Needed for a Specific Option:	18	*18*
e. Credit Hours Outside of Major Subject in Related Field:		
f. Credit Hours in Technical or Professional Support Electives:		

g.	Minimum Credit Hours of Free/Supportive Electives:		<u>7-9</u>	<u>*7-9*</u>
h.	Total Credit Hours Required by Level:	100:	<u>18</u>	<u>*18*</u>
		200:	<u>16</u>	<u>*16*</u>
		300:	<u>23-45</u>	<u>*23-45*</u>
		400-500:	<u>16-25</u>	<u>*16-25*</u>
i.	Total Credit Hours Required for Graduation:		<u>120</u>	<u>*120*</u>

14. Rationale for Change(s) – if rationale involves accreditation requirements, please include specific references to that.

<u>Currently, NRES students must take STA 210 (Intro to Statistical Reasoning) to satisfy the Statistical Inferential Reasoning area of the UKCore. A recommendation from the most recent NRES program review was to strengthen the curriculum with respect to statistics. The department of statistics has recently developed STA 296 which will satisfy the UKCore and provide more rigorous instruction in statistical analyses by combining methods and concepts. Therefore, we propose to change our pre-major requirement from STA 210 to STA 296, thus allowing NRES majors to satisfy both the UKCore requirement and receive stronger statistical training with a single course.</u>

15. List below the typical semester by semester program for the major. If multiple options are available, attach a separate sheet for each option.

YEAR 1 – FALL: (e.g. "BIO 103; 3 credits")	<u>GEN 100, 3 credits</u> <u>CIS/WRD 110, 3 credits</u> <u>MA 123, 4 credits</u> <u>UK Core, 3 credits</u> <u>UK Core, 3 credits</u>	YEAR 1 – SPRING:	<u>*CHE 105, 4 credits*</u> <u>*CHE 111, 1 credit*</u> <u>*CIS/WRD 111, 3 credits*</u> <u>*STA 296, 3 credits*</u> <u>*UK Core, 3 credits*</u>
YEAR 2 - FALL :	<u>BIO 148, 3 credits</u> <u>ECO 201, 3 credits</u> <u>FOR 230, 3 credits</u> <u>NRE 201, 3 credits</u> <u>UK Core, 3 credits</u>	YEAR 2 – SPRING:	<u>*BIO 152, 3 credits*</u> <u>*EES 220, 4 credits*</u> <u>*FOR 240, 2 credits*</u> <u>*NRE 381, 3 credits*</u> <u>*ASD or ESEA course, 3 credits*</u>
YEAR 3 - FALL:	<u>FOR 325, 3 credits</u> <u>NRE 355, 3 credits</u> <u>AEC 326, 3 credits</u> <u>ASD or ESEA course, 3 credits</u> <u>Elective, 3 credits</u>	YEAR 3 - SPRING:	<u>*PLS 366, 4 credits*</u> <u>*AEC 445G, 3 credits*</u> <u>*NRE 320, 3 credits*</u> <u>*ASD or ESEA courses, 3 credits*</u>
YEAR 4 - FALL:	<u>FOR 340, 4 credits</u> <u>FOR 460G, 4 credits</u> <u>NRE 395 or 399, 3 credits</u> <u>ASD or ESEA courses, 3 credits</u> <u>Electives, 2 credits</u>	YEAR 4 - SPRING:	<u>*NRE 471, 4 credits*</u> <u>*ASD or ESEA courses, 6 credits*</u> <u>*Electives, 3 credits*</u>

Signature Routing Log

General Information:

Current Degree Title and Major Name: BS in Natural Resources and Environmental Science

Proposal Contact Person Name: Chris Matocha   Phone: 257-9312   Email: cjmato2@uky.edu

INSTRUCTIONS:
Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
NRES Steering Committee	04/28/2014	Chris Matocha / 257-9312 / cjmato2@uky.edu	
Undergraduate Curriculum Committee, CAFE	02/06/2015	Larry J. Grabau / 257-3469 / lgrabau@uky.edu	
		/ /	
		/ /	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision[4]
Undergraduate Council	3/31/15	Joanie Ett-Mims	
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

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[4] Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.