

CHANGE GRADUATE/UNDERGRADUATE CERTIFICATE

Fill out this form to change an existing certificate. This form should be used for both undergraduate certificates and graduate certificates.

Once approved at the college level, your college will send the proposal to the appropriate Senate academic council (HCCC and/or GC) 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 graduate certificate change is approved. The Senate Council Office will report approvals to the Provost, Registrar and other appropriate entities, including the contact person.

For each change, you MUST enter the current language/requirement as well as the proposed change.

SUMMARY OF CHANGES							
Check all that apply.							
<input checked="" type="checkbox"/>	Courses	<input type="checkbox"/>	Certificate Name	<input type="checkbox"/>	Total required credit hours	<input type="checkbox"/>	Certificate review
	<input type="checkbox"/>	Criteria for admissions/progression/termination		<input type="checkbox"/>	Other		
1. General Information							
1a	Change is for:	<input type="checkbox"/>	UNDERGRADUATE CERTIFICATE	OR	<input checked="" type="checkbox"/>	GRADUATE CERTIFICATE	
1b	Date of contact with Institutional Effectiveness (IE) ¹ :						
	<input type="checkbox"/> Appended to the end of this form is a PDF of the reply from Institutional Effectiveness.						
1c	College ² :	Engineering	Department ² :	Biosystems and Agricultural Engineering			
1d	CIP code:	03.0101					
1e	Current certificate name:	Stream and Watershed Science	Proposed certificate name:	Not applicable			
1f	Today's Date:	March 22, 2018					
1g	Requested effective date:	<input checked="" type="checkbox"/>	Fall semester following approval.	OR	<input type="checkbox"/>	Specific Date ³ : Fall 20	
1h	Contact person name:	Carmen Agouridis	Phone / Email:	859-218-4344 / carmen.agouridis@uky.edu			
2. Overview of Changes							
2a	Describe the rationale for the change(s), including (as appropriate) input from an advisory board, professional body, etc. (450 word limit)						
	The administering (steering) committee of the Stream and Watershed Science Graduate Certificate recommended changes in courses for the certificate. Students must take one course in each of three areas,						

¹ You can reach Institutional Effectiveness by phone or email (257-2873 or institutionaleffectiveness@uky.edu).

² It is not possible to change the home academic unit of a certificate via this form. To change the home unit, visit <http://www.uky.edu/faculty/senate> and search for forms related to academic organizational structure.

³ No certificate changes will be effective until all approvals are received.

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including the required foundation course (BAE 532/CE 542). The committee voted to drop CHE 565 (students never took the course in the nearly 6 years the certificate has existed), PLS 450G/ NRE 450G (course was never offered during this period), ECO 727/PA 727 (course never offered during this period), and CE 699 (changed to permanent course, CE 664/BAE 664). Lack of course offerings (many courses were not taught with no indication on when the courses would be taught again) in the policy and management section has impeded student completion of the certificate. To help in this area, the committee recommended adding new courses (or older courses that now have instructors). These courses include: CE 525, NRE 556, AEC 445G, FOR 510, and CE 664/BAE 664 (formerly CE 699).

3a. Will the requested changes result in the use of courses from another unit? Yes No

If "Yes," describe generally the courses and how they will be used.

The certificate presently uses courses from other units in addition to BAE. All of the new courses are taught in departments already involved with the certificate. The courses are CE 525, NRE 556, AEC 445G, FOR 510, and CE 664/BAE 664. The departments are Civil Engineering, Landscape Architecture, Agricultural Economics, and Forestry. Faculty from all of these departments have agreed to the inclusion of their department's courses in the certificate.

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 other units' chair/director⁴ 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 the other unit has consent from the faculty members of the unit. This typically takes the form of meeting minutes.

3. Non-Course Related Changes

3a Will the certificate's admissions and/or application procedures change? Yes No

If "Yes," describe below. (150 word limit)

Current:

Proposed:

4. Course-Related Changes

4a Will the required courses for the certificate change? (If "Yes," indicate and note the changes in the area below. If "No," indicate and proceed to 4b.) Yes No

If "Yes," note the specific changes in the grid below.

Current			Proposed			
Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status ⁵
						Select one....
						Select one....
						Select one....
						Select one....
						Select one....

4b Provide the Bulletin language about required courses.

⁴ A dean may submit a letter only when there is no educational unit below the college level, i.e. there is no department/school.

⁵ 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").

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The Stream and Watershed Science graduate certificate provides students with an understanding of the complex physical, biological and societal systems involved in stream and watershed related issues. The certificate has an interdisciplinary focus and is administered by faculty in Biosystem and Agricultural Engineering with an advisory committee consisting of faculty representatives from the College of Agriculture, Food and Environment, College of Arts and Sciences, and College of Engineering; the Center for Applied Energy Research; the Gatton College of Business and Economics; and the Graduate School. Students may earn the certificate while making normal progress towards attainment of an M.S., M.A. or Ph.D. degree or while enrolled in post-baccalaureate status.

4b Will the elective courses for the certificate change? (If “Yes,” indicate and note the changes in the area below. If “No,” indicate and proceed to 5a.) Yes No

If “Yes,” note the specific changes in the grid below.

Prefix & Nmbr	Credit Hrs	Title	Prefix & Nmbr	Credit Hrs	Title	Course Status ⁶
		See attached sheet				Select one....
		The list is longer than form				Select one....
		allows.				Select one....
						Select one....
						Select one....
						Select one....

4c Provide the Bulletin language about elective courses.

Three electives, one from each of the three focus areas, should be selected to complete the 12 hours required for the certificate. Electives should be selected such that no more than 50% of the certificate courses are taught in the same department.

5. Other Changes

5a Are there any other changes to the certificate? If “Yes,” note below. (150 word limit) Yes No

6. 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).

	Reviewing Group Name	Date Approved	Contact Person Name/Phone/Email
6a (Within College)	Biosystems and Agricultural Engineering	Nov. 17, 2017	Mike Montross / 859-218-4319 / michael.montross@uky.edu
			/ /

⁶ 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”).

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			/ /
			/ /
6b	(Collaborating and/or Affected Units)		
	Forestry	Nov. 1, 2017	Jeff Stringer / 859-257-5994 / stringer@uky.edu
	Agricultural Economics	Nov. 1, 2017	Leigh Maynard / 859-257-7277 / leigh.maynard@uky.edu
	Landscape Architecture	Oct. 25, 2017	Ned Crankshaw / 859-257-7295 / ned.crankshaw@uky.edu
	Civil Engineering	Oct. 24, 2017	Reginald Souleyrette / 859-257-4404 / souleyrette@uky.edu
			/ /
6c	(Senate Academic Council)	Date Approved	Contact Person Name
	Health Care Colleges Council (if applicable)		
	Graduate Council	12/17/18	Roshan Nikou

Prefix & Nmbr	Credit Hrs	Title	Category	Prefix & Nmbr	Credit Hrs	Title	Category	Course Status
BAE 532/CE 542	3	Introduction to Stream Restoration	Foundation (Required)	BAE 532/CE 542	3	Introduction to Stream Restoration	Foundation (Required)	NC
BAE 536/CE 546	3	Fluvial Hydraulics	Engineering and Science	BAE 536/CE 546	3	Fluvial Hydraulics	Engineering and Science	NC
CE 642/BAE 642	3	Open Channel Flow	Engineering and Science	CE 642/BAE 642	3	Open Channel Flow	Engineering and Science	NC
CE 643/BAE 643	3	Mechanics of Sediment Transport	Engineering and Science	CE 643/BAE 643	3	Mechanics of Sediment Transport	Engineering and Science	NC
GEO 451G	3	Fluvial Forms and Processes	Engineering and Science	GEO 451G	3	Fluvial Forms and Processes	Engineering and Science	NC
GEO 721	3	Biogeomorphology	Engineering and Science	GEO 721	3	Biogeomorphology	Engineering and Science	NC
GEO 731	3	Earth Surface Systems	Engineering and Science	GEO 731	3	Earth Surface Systems	Engineering and Science	NC
EES 585	3	Hydrogeology	Engineering and Science	EES 585	3	Hydrogeology	Engineering and Science	NC
CE 547/BAE 547	3	Watershed Sedimentation	Water Quality	CE 547/BAE 547	3	Watershed Sedimentation	Water Quality	NC
CE 555	3	Microbial Aspects of Environmental Engineering	Water Quality	CE 555	3	Microbial Aspects of Environmental Engineering	Water Quality	NC
CE 653/BAE 653	3	Water Quality for Surface Waters	Water Quality	CE 653/BAE 653	3	Water Quality for Surface Waters	Water Quality	NC
CHE 565	3	Environmental Chemistry	Water Quality	CHE 565	3	Environmental Chemistry	Water Quality	Change
EES 530	3	Low Temperature Geochemistry	Water Quality	EES 530	3	Low Temperature Geochemistry	Water Quality	NC
PLS 450G/NRE 450G	3	Biogeochemistry	Water Quality	PLS 450G/NRE 450G	3	Biogeochemistry	Water Quality	Change
PLS 455G/NRE 455G	3	Wetland Delineation	Water Quality	PLS 455G/NRE 455G	3	Wetland Delineation	Water Quality	NC
PLS 566	3	Soil Microbiology	Water Quality	PLS 566	3	Soil Microbiology	Water Quality	NC
AEC 654	3	Natural Resources Economics	Policy and Management	AEC 654	3	Natural Resources Economics	Policy and Management	NC
BAE 538/CE 568	3	GIS for Water Resources	Policy and Management	BAE 538/CE 568	3	GIS for Water Resources	Policy and Management	NC
CE 699	3	Environmental Management	Policy and Management	CE 699	3	Environmental Management	Policy and Management	Change

ECO 721/PA 727	3	Environmental Economics, Regulation and Policy	Policy and Management	ECO 721/PA 727	3	Environmental Economics, Regulation and Policy	Policy and Management	Change
				CE 525	3	CE Applications of Geographic Information Systems	Policy and Management	New
				NRE 556	3	Contemporary Geospatial Applications for Land Analysis	Policy and Management	New
				AEC 445G	3	Introduction to Resource and Environmental Economics	Policy and Management	New
				FOR 510	3	Herpetology	Policy and Management	New
				CE 664/BAE 664	3	Watershed Management	Policy and Management	New

Faculty Meeting Minutes
Friday November 17, 2017
Room 249 at 9:00 AM

Attendees: Mike M., Josh, Bill, Mike S., Dwayne, Joe D., Mark, Bode, Jian, Tim S., Czar, Morgan, Joe T., Alicia, Sam, Sue, Carmen

Mike M. called the meeting to order at 9:00 am.

Congratulations! Mike congratulated faculty and students for publications and awards/accomplishments.

Publications

Jensen, A.; Ford, W.; Fox, J.; Husic, A. Improving in-stream routines in water quality models using stable isotope tracers: A review and synthesis. *Trans. ASABE*, **In press**, doi: 10.13031/trans.

Awards/Accomplishments

Morgan Gerlitz finalist in 3 minute thesis competition

Czar is now Associate Dean for academic affairs in the Lewis Honors College

New Business

1. Approval of minutes from 10/20/17 faculty meeting
 - a. Minutes were approved
2. Purchasing information
 - a. Mike mentioned that Julie is concerned that McMaster-Carr is not an approved vendor. We are hoping to specify Grainger as a building maintenance/supply. If anything is building maintenance/supply, make sure to buy it through Grainger. There is concern that, if audited, items related to building maintenance/supply that are purchased on a grant through a non-vendor source (e.g., McMaster-Carr) could get kicked back to the department.
3. CLD/BAE position update – Laura Rice accepted, start Feb 1
 - a. Mike informed the faculty, no additional comments were made.
4. Seth DeBolt looking for space for distillation/fermentation system
 - a. Our building was volunteered by administration. Seth has money to upgrade lab to food-grade standards. Mike foresees upside to sharing space, as it could benefit several of our faculty. This is part of a broader University initiative. This would be housed in room 190.
5. Need a motion to accept this - The administering (steering) committee of the Stream and Watershed Science Graduate Certificate recommended changes in courses for the certificate. Students must take one course in each of three areas, including the required foundation course (BAE 532/CE 542). The committee voted to drop CHE 565 (students never took the course in the nearly 6 years the certificate has existed), PLS 450G/ NRE 450G (course never offered), ECO 727/PA 727 (course never offered), and CE 699 (changed to permanent course, CE 664/BAE 664). Lack of course offerings (many courses were not taught) in the policy and management section has impeded student completion of the certificate. To help in this area, the committee recommended adding new courses (or older courses that now have instructors). These courses include: CE 525 CE Applications of Geographic Information Systems, AEC 445G Introduction to Resource/Environmental Economics, FOR 510 Herpetology, FOR 530 Freshwater Ecology, LA 531 Water in the Urbanizing Landscape, LA/NRES 556 Contemporary Geospatial Applications for Land Analysis, PA 684 Environmental Policy, and CE 664/BAE 664 (formerly CE 699) Watershed Management.
 - a. Mike requested a motion to approve, Czar motioned, Joe T. seconded, all were in favor.
6. Instructional help for Spring semester – who needs help and what kind? (Crofcheck)
 - a. Czar will teach one class, but we are left with statistics and heat transfer in the spring that need to be filled. Mike brought up the possibility of hiring someone from stats to teach a

special section of STA 296 as a replacement. Sue inquired about number of students and Czar mentioned 42. We would accept STA 296 as a replacement for BAE 202. Czar mentioned that if someone took over BAE 202, they could integrate applications that are more bio-based.

- b. For Heat and Mass Transfer enrollment is at 33. Currently offered as BAE 599 and is in the process of becoming 310. Czar mentioned there are a bunch of resources currently available including lecture material, textbook, solutions manual (not online). Jian is going to take a look and consider this. Technically, we could send students back to Mechanical, but we aren't sure if there are seats available. Sue mentioned she thinks it would be better to teach Heat Transfer in house and maybe send statistics back to 296.
 - c. Regarding TAs for courses, BAE 502 will have two TAs since it is offered in two different rooms; Ricky will assist with BAE 305; Morgan is still considering for BAE 427.
 - d. We will need to fill DUS, statistics, heat transfer-- so Mike requested faculty to take some time to think because we need to act relatively quick on these.
7. Faculty hiring – open Warner line (Montross) – see attached
- a. Richard is officially retired. Mike mentioned he thinks someone with expertise in irrigation in drainage would be of interest. Mike requested Sam's input and Sam mentioned he needs to give it some thought. Sam mentioned that John Grove and Plant soil sciences have discussed the importance of getting someone in irrigation previously. Horticulture and Chad Lee would be other potential parties to discuss this with. Sue brought up that there has been demand for an irrigation class, so perhaps it would be good to have this faculty housed in Lexington. Mike will follow up.
8. Graduate program (Montross)
- a. Number of credits required for PhD
 - i. Difference in bulletin and our handbook
 1. Has to be a total of 36 hours, but only need 18 credits beyond Masters because we currently do not have specified stipulations on the book (so it reverts to University policy)
 2. Czar suggested not taking through senate, but make it a departmental policy.
 3. Dwayne mentioned DGS is in chain of approval for qualifying exam. DGS would be able to enforce departmental policy and keep everything on an even playing field.
 4. The faculty discussed 60 credit hours is too high. PhD is taking close to 4 years on average and masters close to 3. Sue mentioned we are enforcing a new culture with the 2-3 year requirement. With 60 CH past BSE it will be tough to get the students to graduate in 3 years. The 3-year requirement is related to departmental support, and beyond that PhD students should be grant supported.
 5. Czar and Dwayne had discussion as to what minimum requirements we want our students to have and what are the deliverables/skills they have when they leave the program. Czar mentioned 24 CH as a fair number since students could knock out the courses in one year and have 2 full years for dissertation work/papers/etc. Dwayne mentioned we need to frame it in the context of what do we want our graduates to look like (do we want them to have high course work CH, or do we want them to have publications, etc). Joe T. mentioned that a higher course requirement could support more inter-disciplinary/collaborative skills for the student. Morgan mentioned that could still be enforced by the advisor. Dwayne was supportive of 24 hours post-masters.
 6. Tim mentioned looking at requirements from other Universities and Mike M. provided some information regarding what other programs are doing (see PhDCreditrequired111417.doc document).

7. Mike tabled the discussion in interest of time.
 - b. Direct admission to PhD
9. Changing to two title series – tenure and non-tenure track Information session today at 1 in Library
 - a. Mike was told the change does not have to go through the senate since it is an administrative and not an academic issue. Mark asked what problem is the change trying to solve and Czar mentioned that it partially stems from confusion at the Provost's level regarding tenure and promotion packages. Joe T mentioned that part of the motivation is that other benchmark schools are doing this; however, unforeseen consequences may not have not been fully considered regarding extension.

Old Business

1. Rules of Procedure, template from College, need to be revised and voted on by January 15.
 - a. Need to find a champion
2. Kevin King as adjunct faculty member (Ford) – need to draft a position description
3. Need list of stakeholders for 6 year program review
 - a. Self study needs to be done by Dec. 1, visit Jan 23 and 24
 - b. Meeting with faculty both days, try to attend one

Informational Items

1. Julie double checking final budget that was loaded
2. Should be able to accept credit cards, we will not store them, use an outside web provider
3. Inventory – equipment: Alex will provide a list of things that have been scanned for 10 years and not moved, will ask you if it is time to surplus it
4. Uniforms – all uniforms put back on rack at end of semester. We are missing 26 coats we had to buy them for \$27/each. Jeff wants to look at switching from Aramark to Logan's. Need to change mix of sizes
 - a. Lab coats---we got a \$1000 bill for missing coats.
5. For website and PR stuff notify Donnie and Karin

Other notes:

Josh mentioned turning in material for E-day (Feb 24th) by this upcoming Monday (Nov 20th), and requested information from those who want to participate.

Alicia brought up that grad student recruitment deadline is coming up and to make sure students are applying by the December deadline.

Adjournment

Josh motioned to adjourn at 10:00 am, Czar seconded, all approved--the meeting was adjourned.

From: [Stringer, Jeff](#)
To: [Agouridis, Carmen](#)
Subject: RE: FOR courses
Date: Wednesday, November 01, 2017 10:48:10 PM

EMemo

To: Carmen Agouridis

From: Jeff Stringer, Interim Chair DFNR

Subject: FOR Course Stream and Watershed Science (SWS) Graduate Certificate

Date: 11/1/2017

Department of Forestry and Natural Resources faculty have approved via consensus the use of:

- FOR 510 Herptology (in the Policy and Management area)
- FOR 530 Freshwater Ecology (in the Water Quality area)

in the Stream and Watershed Science (SWS) Graduate Certificate.

Jeffrey W. Stringer, Ph.D.

Interim Department Chair

Professor Hardwood Silviculture and Forest Operations

Department of Forestry

T.P. Cooper Bldg

University of Kentucky

Lexington, KY 40546-0073

859-257-5994

www.ukforestry.org www.masterlogger.org www.certifiedmasterlogger.com

www.forestcertificationcenter.org

IMPORTANT: This message may contain confidential or legally privileged information. If you think it was sent to you by mistake, please delete all copies and advise the sender.

From: [Maynard, Leigh](#)
To: [Agouridis, Carmen](#)
Subject: RE: Adding AEC 445G to the Stream and Watershed Science Graduate Certificate
Date: Thursday, November 02, 2017 2:33:24 PM
Attachments: [Unapproved Minutes 110117.docx](#)

Hi Carmen,

Attached are faculty meeting minutes showing that we approved the addition of AEC 445G as an option in the Stream and Watershed Science certificate. Technically these are unapproved minutes, but they are probably sufficient evidence.

Just let me know if we can help in any other way. Last week I talked to Blaine Early, who (among other things) is a trainer for Watershed Watch, and he pointed me toward some great resources for assessing water quality, habitat, and wildlife – I can foresee getting involved with this group in a few years.

Best,
Leigh

Leigh Maynard, Chair
Dept. of Agricultural Economics, Univ. of Kentucky
400 Charles E. Barnhart Bldg.
Lexington, KY 40546-0276
Phone: 859-257-7277

From: Maynard, Leigh
Sent: Saturday, October 21, 2017 1:23 PM
To: Agouridis, Carmen <carmen.agouridis@uky.edu>
Cc: Buck, Steven C <steven.buck@uky.edu>; Schieffer, John <jack.schieffer@uky.edu>
Subject: RE: Adding AEC 445G to the Stream and Watershed Science Graduate Certificate

Hi Carmen,

This sounds great, I'll put it on the agenda for our next faculty meeting. Good luck with the certificate.

Thanks!
Leigh

Sent from my Windows Phone

From: [Agouridis, Carmen](#)
Sent: 10/21/2017 1:06 PM
To: [Maynard, Leigh](#)
Cc: [Buck, Steven C](#)

Subject: Re: Adding AEC 445G to the Stream and Watershed Science Graduate Certificate

Hi Leigh:

I just saw that the Change to Graduate Certificate form also requires a second piece of evidence, namely verification of consent from faculty members of the unit. The example given was meeting minutes, but I know my department has used an email vote as well.

Thanks,

Carmen

Carmen T. Agouridis, Ph.D., P.E., M.P.P.
Extension Associate Professor
Director, Stream and Watershed Science Graduate Certificate
Biosystems and Agricultural Engineering Department
207 C.E. Barnhart Bldg.
Lexington, KY 40546-0276
Office: 859-218-4344
Mobile: 859-533-4373
Fax: 859-257-5671
Email: carmen.agouridis@uky.edu

From: Agouridis, Carmen
Sent: Saturday, October 21, 2017 12:56 PM
To: Maynard, Leigh
Cc: Buck, Steven C
Subject: Adding AEC 445G to the Stream and Watershed Science Graduate Certificate

Hi Leigh:

I am in the process of changing the courses offered as part of the Stream and Watershed Science (SWS) Graduate Certificate. I consulted with Jack and Steve, and we think AEC 445G would work well for the SWS certificate. The committee would like to add the course to the certificate in an official capacity. The certificate is 12 hours and requires students to complete BAE 532/CE 542 Introduction to Stream Restoration as well as one course in each of the following areas: Engineering and Science, Water Quality, and Policy and Management. Students can only take two courses taught in the same department. I anticipate students who would enroll in AEC 445G for the certificate would largely come from BAE, Forestry, or EES. I do not anticipate the official designation to change enrollment in AEC 445G significantly. Right now, about four students complete the certificate annually.

The application to change an existing certificate requires a letter of support for courses outside the certificates home department, which is BAE. I assume an email will suffice. Are you supportive of AEC 445G appearing as a course offering on the Stream and Watershed Science Graduate Certificate in the Policy and Management section?

Please let me know if you have questions.

Carmen

Carmen T. Agouridis, Ph.D., P.E., M.P.P.
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Faculty Meeting

November 1, 2017
2:00 p.m., Rm. 341 CEB

Attending: Roger Brown, Alison Davis, Todd Davis, Carl Dillon, Greg Halich, Steve Isaacs, Leigh Maynard, Ben Martin, Lee Meyer, Rita Parsons, Mike Reed, Mehdi Saghalian, Jordan Shockley, Will Snell, Jill Stowe, Yuqing Zheng

Refreshments were provided by Yuqing Zheng. Thank you.

Announcements –

Letters for Tyler Mark's 4-Year Review are due November 3.

The Faculty Performance Evaluation Review Committee will meet November 2. Faculty performance reviews will be submitted to the College before November 17.

Provost Tim Tracy will resign in two months. We are hopeful that the effort to dismantle the Extension Title Series will lose momentum.

Barry Barnett will attend the December 6th faculty meeting. It will be an important meeting with discussion concerning faculty needs, vacancies (e.g., Dave Freshwater's appointment ends May 2019).

The Dean provided UK budget projections showing sizeable shortfalls over each of the next 5 fiscal years, FY19 – FY23. Impacts on departmental operations and hiring are unknown at this time.

A Faculty/Student Coffee Hour is scheduled for Thursday, November 3 in Rm. 341 CEB.

Minutes – Minutes for the October 4, 2017 Faculty meeting were approved.

KFBM Update -- Steve Isaacs shared the report provided by Jerry Pierce (see handout). Laura Powers, Jonathan Shepherd and Jerry are participating in the KY Income Tax Seminars this year. Laura, Michael Forsythe, Kayla Brashears, Jennifer Rogers, Lauren Turley, Suzy Martin and Jonathan will be presenting at Lender's Conferences.

Committee Reports

Departmental Support -- Rita Parsons said the committee will meet next week. The Departmental Holiday Luncheon is Wednesday, December 20th at the E.S. Good Barn.

Graduate/Research -- Carl Dillon said the Graduate Program and Research Committee met on September 27th to discuss several items including 1) faculty post a short video on-line stating what they are doing; graduate students' success stories could also be used; 2) enhanced graduate assistantships; 3)

revised plans of study. A suggestion to post jobs taken by recent graduates on our website was widely supported. The Annual Program Assessment has been completed. The College is using Roger Brown's plan of study as the example for university-wide tutorials. Alison Davis said the USDA National Needs Fellowship Proposal was re-submitted October 31, 2017.

GSO -- Ben Martin said they are planning a coffee hour with faculty. This will be an opportunity for an informal chat with faculty and students discussing current research and other projects. A tour of the Bluegrass Stockyards is scheduled for Saturday, November 11.

Undergraduate – Roger Brown discussed the timing of credit for AEC 399. A decision on our policy for assigning credit to the summer and/or fall semesters for summer internships was discussed. A motion to assign 1 hour in the summer and 2 hours in the fall was tabled to be discussed at a later meeting.

Extension – Steve Isaacs said the committee met prior to this meeting. They set a tentative schedule for the 2017-18 Lenders Conferences to be held in November and December. The Economic Subject Matter (ESM) meetings will be in January.

AEC 445G in Stream and Watershed Science Graduate Certificate -- a motion by Mike Reed (second by Jordan Shockley) to allow this course to be included as part of the Certificate Program was approved.

Honors Option in AEC -- Roger provided a handout (see attached) concerning the proposed Honors Option in Agricultural Economics. Faculty approval will be sought after programmatic decisions in the Lewis Honors College are finalized. Please send any comments to him.

The next meeting will be Wednesday, December 6, 2:00 p.m. Refreshments will be provided by Jill Stowe.

The meeting adjourned at 3:05 p.m.

Submitted by *Rita Parsons*

From: [Souleyrette, Reginald](#)
To: [Agouridis, Carmen](#)
Subject: FW: Listing CE 525 and CE 664/BAE 664 in the Stream and Watershed Science Graduate Certificate
Date: Tuesday, October 24, 2017 10:54:20 AM

Dear Carmen,

I took an email vote and got unanimous approval for your request from our faculty. Please let me know if you need anything in addition to this email to move forward.

Thanks,

Reg

From: Souleyrette, Reginald
Sent: Saturday, October 21, 2017 4:27 PM
To: Blackburn-Lynch, Whitney C <whitney.blackburn-lynch@uky.edu>; Blandford, George <ceg119@uky.edu>; Brion, Gail M <gail.brion@uky.edu>; Bryson, Sebastian <sebastian.bryson@uky.edu>; Chen, Mei <mei.chen@uky.edu>; Dadi, Gabe <gabe.dadi@uky.edu>; Davis, Brad <dbraddavis@uky.edu>; Erhardt, Greg <greg.erhardt@uky.edu>; Fox, James F <james.fox@uky.edu>; Gesund, Hans <h.gesund@uky.edu>; Gutierrez Soto, Mariantonieta <mariant.gutierrezsoto@uky.edu>; Harik, Issam <Harik@uky.edu>; Kalinski, Michael <michael.kalinski@uky.edu>; Mahboub, Kamyar <kc.mahboub@uky.edu>; Ormsbee, Lindell E <lindell.ormsbee@uky.edu>; Pennell, Kelly <kellypennell@uky.edu>; Stamatiadis, Nikiforos <nick.stamatiadis@uky.edu>; Taylor, Timothy R <tim.taylor@uky.edu>; Wang, Yi-Tin <ywang@uky.edu>; Wright, Samantha <sam.wright@uky.edu>; Yost, Scott <scott.yost@uky.edu>
Subject: FW: Listing CE 525 and CE 664/BAE 664 in the Stream and Watershed Science Graduate Certificate

Dear Colleagues,

Please see the request below from Dr. Agouridis, and let me know, via email vote, if you are OK with the change. I am in favor.

Thanks,

Reg

From: Agouridis, Carmen
Sent: Saturday, October 21, 2017 12:51 PM
To: Souleyrette, Reginald <souleyrette@uky.edu>
Subject: Listing CE 525 and CE 664/BAE 664 in the Stream and Watershed Science Graduate Certificate

Hi Reg:

I am in the process of changing the courses offered as part of the Stream and Watershed Science (SWS) Graduate Certificate. Students, largely CE, take CE 525 to satisfy course requirements, but I have to approve the substitution. CE 664/BAE 664 is a new course (Lindell taught it as CE 699 for a while). The committee would like to add CE 525 and CE 664/BAE 664 to the certificate in an official capacity. The certificate is 12 hours and requires students to complete BAE 532/CE 542 Introduction to Stream Restoration as well as one course in each of the following areas: Engineering and Science, Water Quality, and Policy and Management. Students can only take two courses taught in the same department. I anticipate students who would enroll in NRE 556 for the certificate would largely come from BAE, Forestry, and EES. I do not anticipate the official designation to change enrollment in CE 525 or CE 664/BAE 664 significantly. Right now, about four students complete the certificate annually.

The application to change an existing certificate requires a letter of support for courses outside the certificates home department, which is BAE. I assume an email will suffice. Are you supportive of CE 525 and CE 664/BAE 664 appearing as course offerings for the Stream and Watershed Science Graduate Certificate in the Policy and Management section?

Please let me know if you have questions.

Carmen

Carmen T. Agouridis, Ph.D., P.E., M.P.P.
Extension Associate Professor
Director, Stream and Watershed Science Graduate Certificate
Biosystems and Agricultural Engineering Department
207 C.E. Barnhart Bldg.
Lexington, KY 40546-0276
Office: 859-218-4344
Mobile: 859-533-4373
Fax: 859-257-5671
Email: carmen.agouridis@uky.edu

From: [Crankshaw, Ned](#)
To: [Agouridis, Carmen](#)
Cc: [Lee, Brian](#); [Sass, Christopher K.](#)
Subject: RE: Listing NRE 556 in the Stream and Watershed Science Graduate Certificate
Date: Wednesday, October 25, 2017 3:13:26 PM

Hi Carmen,

At a Department of Landscape Architecture faculty meeting today, we had a discussion about the inclusion of *LA/NRE 556 Contemporary Geospatial Applications for Land Analysis* in the SWS graduate certificate. The faculty voted unanimously to support that inclusion. The faculty and I feel that it would also benefit the certificate if *LA 531: Water in the Urbanizing Landscape* were included as a course choice in the certificate. We voted unanimously to support that inclusion to empower you in advance should you choose to include the course. Please let me know your thoughts on this and if there is further information you would like to have as part of the discussion.

Best,
Ned

Ned Crankshaw
Professor and Chair
Department of Landscape Architecture
S305 Agriculture Science Center
University of Kentucky
Lexington, KY 40546-0091
859 257 4691

From: Agouridis, Carmen
Sent: Saturday, October 21, 2017 12:46 PM
To: Crankshaw, Ned <ned.crankshaw@uky.edu>
Cc: Lee, Brian <blee@uky.edu>
Subject: Listing NRE 556 in the Stream and Watershed Science Graduate Certificate

Hi Ned:

I am in the process of changing the courses offered as part of the Stream and Watershed Science (SWS) Graduate Certificate. Brian has allowed BAE students, and those interested in the SWS certificate, enroll in NRE 556. The committee would like to add the course to the certificate in an official capacity. The certificate is 12 hours and requires students to complete BAE 532/CE 542 Introduction to Stream Restoration as well as one course in each of the following areas: Engineering and Science, Water Quality, and Policy and Management. Students can only take two courses taught in the same department. I anticipate students who would enroll in NRE 556 for the certificate would largely come from BAE, Forestry, and EES. I do not anticipate the official designation to change enrollment in NRE 566 significantly. Right now, about four students complete the certificate annually.

The application to change an existing certificate requires a letter of support for courses outside the certificates home department, which is BAE. I assume an email will suffice. Are you supportive of NRE 556 appearing as a course offering on the Stream and Watershed Science Graduate Certificate in the Policy and Management section?

Please let me know if you have questions.

Carmen

Carmen T. Agouridis, Ph.D., P.E., M.P.P.
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Fax: 859-257-5671
Email: carmen.agouridis@uky.edu

From: [Mathews, Alice](#)
To: [Agouridis, Carmen](#); [Office of Strategic Planning and Institutional Effectiveness](#)
Subject: RE: Stream and Watershed Science Graduate Certificate
Date: Thursday, March 22, 2018 3:54:08 PM

Hello Carmen,

Thank you for your emails regarding the proposed program change(s) to the **Stream and Watershed Science Graduate Certificate (03.0101)**.

My email will serve 2 purposes: 1.) Next steps for SACSCOC, and 2.) Verification and notification that you have contacted the Office of Strategic Planning and Institutional Effectiveness (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 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.

List of Proposed Change(s):

- Drop CHE 565 PLS 450G/ NRE 450G, ECO 727/PA 727, and CE 699, CE 664/BAE 664).
 - Dropped courses were rarely offered or few students enrolled in.
- Add CE 525, NRE 556, AEC 445G, FOR 510, and CE 664/BAE 664 (formerly CE 699).
 - Added courses are more accessible to the student, more often offered

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

Alice Mathews

From: Agouridis, Carmen
Sent: Thursday, March 22, 2018 3:25 PM
To: Office of Strategic Planning and Institutional Effectiveness <OSPIE@uky.edu>
Subject: Stream and Watershed Science Graduate Certificate

Attached is the substantive change form and the summary of changes to an existing certificate form. Since the certificate has several electives for students to choose from, I created a Course List to summarize the changes as it would not fit on the form.

Please let me know if you have question.

Carmen

Carmen T. Agouridis, Ph.D., P.E., M.P.P
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December 3, 2018

To Whom It May Concern:

The College of Engineering faculty reviewed the program change for the graduate certificate – Stream and Watershed Science via email. No objections or concerns were raised. The official date of approval from the College of Engineering faculty is August 29, 2018.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kimberly Anderson'.

Kimberly Anderson, Ph.D.
Associate Dean for Administration and Academic Affairs

see blue.

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