

University Courses & Curricula Committee 2017-2018

September 6, 2017
 Talley Student Union 4140
 12:45pm-2:45pm

Call to Order 12:45pm

- Welcome from Chair Helmut Hergeth
- Introductions
- Remarks and Updates from OUCCAS/DASA
- Approval of UCCC August 23rd, 2017 Minutes
- Course and Curricular Business

New Business

Consent Agenda

Action	Type	Notes
FS/ANS/PO 322 Muscle Foods and Eggs	Notification	Removing NS GEP attribute

College of Agriculture and Life Sciences

Presenter	Reviewers	Action	Type
Trivedi	Hessling, Seracino, Despain	BIT 479/(579) High-Throughput Discovery	New Course
Trivedi	Rieder, Robinson, Berkley	BIT 480/(580) Yeast Metabolic Engineering	New Course
Trivedi	Lindsay, Kotek, Fath	11HSMAAS-11HSMOLT A.A.S. Horticultural Science Management, Ornamentals and Landscape Concentration	Revisions: Adding AGI 195 and AGI 192
Bruce	Klesath, Krause, Ferguson	11HSMAAS-11HSMSSF A.A.S. Horticultural Science Management, Small Scale Farming Concentration	Revisions: Adding AGI 195 and AGI 192 and correcting PO course numbering
Bruce	Despain, Lindsay, Orphanides	11AGESBS, 11ANSCBS-11ANSCIAS, 11ANSCBS-11ANSCSAS, 11ANSCBS – 11ANSCVET	Revisions: Memo removing ANS 494 from Animal Science Elective lists

College of Natural Resources

Presenter	Reviewers	Action	Type
Lindsay	Beller, Cherry, Podurgal	PSE 465 Process Engineering	Revisions: Title, description, requisites. Returning after being dropped at 12/14/2016.

Discussion: Nominations for Chair Elect.

Notes:

- All linked course actions are viewable in CIM.
- To view actions, please click on the hyperlink. You may need to use your Unity ID to log in.
- If you experience issues logging in, please go to <https://next-catalog.ncsu.edu/courseadmin/> and type the course prefix and number into the search bar.
-

SLO = Student Learning Outcomes

University Courses and Curricula CommitteeAugust 23, 2017
Talley Student Union 4140
Call to Order: 12:47 pm

Members Present: Chair Helmut Hergeth, Amanda Beller, Elizabeth Fath, Andreas Orphanides, Kathleen Rieder, Richard Podural (came late), Scott Ferguson, Marta Klesath, Edwin Lindsay, Megan Cherry, Shweta Trivedi, Walter Robinson, Richard Kotek (left early), Berkley Griffin Hillis

Members Absent: Peter Hessling, Jackie Bruce, Scott Despain

Guest: Sabrina Robertson, Alexander Krings, Alease Hancock, Walt Wolfram, Jonathan Allen, Stacy Supak

Ex-Officio Members Present: Lexi Hergeth, Li Marcus, Rebecca Swanson, Kyle Pysher, John Harrington, Jordan Luzander, Carrie Zelna, Charles Clift

WELCOME AND INTRODUCTIONS

- **Remarks from Chair Helmut Hergeth-** Welcomed the committee members and delivered the charge of UCCC as a committee. Chair explain the undergraduate courses and dual level course, reviews, and recommendations as well as the Faculty Senate involvement. Chair introduced the guests attending the committee.
- **Remarks and Updates from OUCCAS/DASA-** Carrie Zelna introduced herself as the interim Senior Associate Dean and announced Brett Smith will join us as the Senior Associate Dean on October 1, 2017. Li Marcus explained the role of OUCCAS and the actions, motions, and other processes of the UCCC Meetings. Li also provided information on the various levels of approval actions go through before coming to UCCC and after. Li explained the types of approval (approved, approved pending, approved with friendly suggestions, tabled) how they are used, and the importance of clarifying which type of approval is being voted on.
- **Establish Quorum-** Chair established quorum as 11, (21 seats, divided by 2, plus 1). Li and the Chair explained how quorum is established
- **Approval of the Minutes from May 3rd 2017 – Approved Unanimously**
 - Discussion: Member moved Beth Fath to approve. Minutes from the previous meeting were presented and approved without further discussion.

NEW BUSINESS

- **Consent Agenda -Approved Unanimously**
(ANS 220; FLS 492/(592); FS/ANS 324; GIS 510)
Discussion: Member Kathleen Rieder moved to approve.
- **AGI 195 Special Topics in the Agricultural Institute -Approved Unanimously**
Discussion: Member Shweta Trivedi presented the course and introduced guest Alease Hancock.
- **BIT 402/(502) Biotechnology Networking and Professional Development -Approved Unanimously**
Discussion: Member Shweta Trivedi presented the course. Member complimented the execution of the course, rubric and recommended this course as an example for others.
- **CS 216 Southern Row Crop Production-Cotton, Peanuts, and Tobacco -Approved Unanimously**
Discussion: Member Shweta Trivedi presented the course.
- **ENT 305 Introduction to Forensic Entomology -Approved Unanimously**
Discussion: Member Shweta Trivedi presented the course.
- **ENT 425 General Entomology -Approved Unanimously with Friendly Suggestion**
Discussion: Member Shweta Trivedi presented the course. Member asked about the two sets of learning outcomes, Li confirmed GEP SLO and regular SLOs can be in separate areas. Members made the friendly suggestion to adjust the grading, which currently adds to 105 points, to the 100 point scale.
- **FS 201 Introduction to Food Science -Approved Pending**
Discussion: Member Shweta Trivedi presented the course. Member indicated the face to face attendance section on

page 3 of the syllabus the sentence indicating 10% of the students' grades are dependent on participation; member is concerned about this being up to the professor's discretion. Member suggested including a statement that clarifies the policy. Members voted to change the motion from Approve to Approve Pending.

- **FS 471 Professionalism & Project Preparation in Food & Bioprocessing Science** -Approved Unanimously
Discussion: Member Shweta Trivedi presented the course.
- **HS 471 Landscape Ecosystem Management** -Approved Unanimously
Discussion: Member Shweta Trivedi presented the course.
- **NTR/FS 301 Introduction to Human Nutrition** -Approved Unanimously
Discussion: Member Shweta Trivedi presented the course.
- **PB 200 Plant Life** -Approved Unanimously with Friendly Suggestions
Discussion: Member Shweta Trivedi presented the course. Member asked how the distance lab portion of the course will be addressed and asked if a distance education course syllabus would be available. Members discussed that most courses do not have a separate distance education syllabus. Members discussed the lab configuration and said if the syllabus were a distance education syllabus, not the in-person syllabus they may want clarification but with the syllabus provided clarification is not needed. Members discussed if this should be a friendly suggestion or Approved Pending. Member provided the friendly suggestion to clarify the difference between DE lab and in person lab.
- **PB 220 Local Flora** -Approved Unanimously
Discussion: Member Shweta Trivedi presented the course.
- **PP 232 Big Data in Your Pocket: Call it a Smartphone** -Approved Unanimously
Discussion: Member Shweta Trivedi presented the course.
- **GIS 280 Introduction to GIS** -Approved Unanimously
Discussion: Member Edwin Lindsay presented the course.
- **ANT 422/522 Forensic Anthropology Crime Scene Investigation Field Methods** -Approved Unanimously
Discussion: Member Scott Ferguson presented the course.
- **ENG 207 Studies in Poetry** -Approved Unanimously
Discussion: Member Megan Cherry presented the course.
- **ENG /FL 223 Contemporary World Literature** -Approved Pending with Friendly Suggestions
Discussion: Member Megan Cherry presented the course. Member brought attention to the description of participation in the syllabus and noted that other courses from CHASS have more specific participation descriptions. Members recommended a friendly suggestion to clarify. Member recommended the change of font and the possibility of accessibility issue using different colors in the syllabus. Members moved to change motion from Approve to Approve Pending. Members discussed that accessibility is a legal requirement, a course with accessibility issues should be discussed with DSO to provide an answer if the color difference is an accessibility issue. Friendly suggestion to clarify participation and approved pending the accessibility compliance.
- **REL/HI 402/502 Early Christianity to the Time of Eusebius** -Approved Pending with Friendly Suggestions
Discussion: Member Megan Cherry presented the course. Member made the friendly suggestion to clarify the participation statement. Member moved to reopen discussion to change to vote from approved to approved pending because of the discrepancy in the descriptions and the removal of the restrictive statement to avoid anti-requisite conflict.
- **REL 412/512 Advanced Readings in the Christian Gospels** -Approved Pending with Friendly Suggestions
Discussion: Member Megan Cherry presented the course. Chair brought the conflicting Catalog Descriptions and the issue of anti-requisites within the requisites sections of CIM. Committee moved to changed motion from Approve to Approve Pending. Li and Kyle explained the need to remove the restrictive statement for dual level courses otherwise coding this will make it an anti-requisite of itself. Member made the friendly suggestion to clarify the participation statement. Approved Pending the adjustment of the catalog descriptions and the removal of the restrictive statement.

- **REL 413/513 The Life and Letters of the Apostle Paul** -Approved Pending with Friendly Suggestions
Discussion: Member Megan Cherry presented the course. Moved to Approved Pending to add the consolidation of the description and the removal of the restrictive statement to avoid anti-requisite conflict. Member made the friendly suggestion to clarify the participation statement.
- **REL 489/589 Interpretations of Religion** -Approved Pending with Friendly Suggestions
Discussion: Member Megan Cherry presented the course. Moved to Approved Pending to add the consolidation of the description and the removal of the restrictive statement to avoid anti-requisite conflict as well as clarifying the participation grade being 20% of the final grade. Members discussed how 20% of the grade should be considered a friendly suggestion or a pending item. Member indicated some of the participation clarifications are actually decorum, which is a separate section as outlined by the syllabus guidelines, and would like details on how to participation will be evaluated.
- **SOC 203 Current Social Problems** -Approved Unanimously
Discussion: Member Megan Cherry presented the course.
- **SOC 207 Language and Society** -Approved Unanimously with Friendly Suggestions
Discussion: Member Megan Cherry presented the course. Member made the friendly suggestion to provide more clarity on the participation rubric, particularly if there is an opportunity to receive a 100% for participate. Friendly suggestion to correct typo at the bottom of page 3 of the syllabus in the attendance statement.
- **SW 412 Social Work in Schools** -Approved Pending
Discussion: Member Megan Cherry presented the course. Member noted the colored red text in the syllabus. Member made the friendly suggestion to include page numbers to the syllabus due to the length. Members moved to change the motion from approved to approved pending. Pending the removal of colored text for accessibility.
- **SW 423 (523) Social Work with Soldiers, Veterans, and Their Families** -Approved Pending
Discussion: Member Megan Cherry presented the course. Member asked what would happen if a student is unable to view videos with graphic images and if this portion would not count toward the grade or if an alternate assignment will be assigned. Members discussed the need to clarify if the student will be penalized or not for not viewing a video. The warning will need to remove the colored text and should clarify if an alternative assignment should be provided. Members voted to move motion from approve to approve pending. Pending color removal and the consequences of not viewing the video.
- **SW 425 (525) Hunger and Homelessness** -Approved Pending
Discussion: Member Megan Cherry presented the course. Member asked about the Food Stamp Allowance and if this would compromise the student's alertness and performance. Member asked about the indication that students would eat a meal from a shelter; this could be taking resources from shelters and suggested donating money equal to the meal to combat this. Members expressed concerns about students with dietary restrictions. Member moved to make these concerns friendly suggestions. Members moved to change to motion from approved to approved pending the adjustment from "medical" to "dietary restrictions" to encompass religious, medical, and other dietary restrictions and to have an alternative assignment to the food stamp assignment. Pending the adjustment from "medical" to "dietary restriction" and an alternative assignment for those unable to participate in the Food Stamp Allowance. Member made the friendly suggestion to work with TRIO.

Discussion: Open nominations for Chair Elect. Marta Klesath and Andreas Orphanides were nominated as chair elects. Nominations will be announced at the next meeting.

Meeting adjourned at 2:13 pm

Respectfully submitted by Lexi Hergeth

August 18, 2017

MEMORANDUM

TO: University Courses and Curricula Committee (UCCC)

FROM: Dr. Helen Kraus, Undergraduate Coordinator,
Department of Horticultural Science

CC: Li Marcus, Director of the Office of Undergraduate Courses &
Curricula

DATE: August 18, 2017

SUBJECT: Requested Changed to the 4-Semester Display for the 11HSMOLT
of the 11HSMAAS in Horticultural Science

Please find attached the new 4-semester display for the HSMOLT concentration of the HSMAAS in Horticultural Science. The changes incorporate a required internship.

The specific changes (indicated in red on the updated 4-semester display) are:

- Inclusion of AGI 195, Professional Development in the Spring semester of the 01 year. This course prepares students for their internship during the summer between their 01 and 02 years.
- Inclusion of AGI 192, AGI External Learning Experience. This course follows their internship experience and provides time for reflection and share of internship experiences between the students in the class.
- This brings the total credits required for the HSMAAS degree to 64.

ENDORSED BY:



CHAIR, COLLEGE COURSES & CURRICULA COMMITTEE DATE 8/25/17



COLLEGE DEAN DATE 8/25/17

APPROVED BY:

CHAIR, UNIVERSITY COURSES & CURRICULA COMMITTEE DATE

CHAIR, COUNCIL ON UNDERGRADUATE EDUCATION DATE

DEAN, DIVISION OF ACADEMIC AND STUDENT AFFAIRS (DASA) DATE

APPROVED EFFECTIVE DATE _SEPT, 2017_

FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)
 Current: Proposed: X Effective Semester: 9/2017

DEGREE TITLE: A.A.S. Horticultural Science Management

CONCENTRATION TITLE: Ornamentals and Landscape

PROPOSED DEGREE KEY: 11H5MAAS; 11H5MOLT

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
WRT 111 Expository Writing ^E	3	WRT 114 Prof Writing, Research and Reporting ^E	3
MAA 102 Mathematics for Ag & Sciences	3	MA 103A Topics in Contemporary Mathematics ^A	3
HS 101 Orn & Landscape Tech Orientation	1	HS 121 Plant Propagation	3
HS 111 Plant Identification	3	HES* Any Health & Exercise Science ^D	1
HS 115 Plant Growth & Development	3	HS Advised Courses ¹	3
SOC 203A Current Social Problems ^C	3	Free Elective	3
		AGI 191 Professional Development	1
	<i>Total: 16</i>		<i>Total: 17</i>
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ARE 201A Intro to Ag & Resource Economics ^C	3	ARE 115 Agribusiness Accounting	3
HS 144 Weeds and Diseases of Ornamentals	3	BAE 123 Light Equipment Tech	3
HS 162 Landscape Maintenance	3	ENT 163 Orn & Turf Insects	3
SSC 112 Principles of Soil Science	4	HS Advised Courses ¹	3
H/FA *** Elective ^B	3	***** Free Elective	3
AGI 192 AGI External Learning Experience	1		
	<i>Total: 17</i>		<i>Total: 15</i>
Minimum Credit Hours Required for Graduation* : 65			

Major/Program Footnotes:

1. Choose two of the following HS Advised courses:
 - HS 141 - Greenhouse Crop Production (odd years only)
 - HS 151 - Nursery Production (even years only)
 - HS 131 - Fruit & Vegetable Production (odd years only)
 - HS 171 - Landscape Construction (even years only)

***General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours must be satisfied. University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

- A. **Mathematical Sciences** (3 credit hours) MA 103A fulfills the 3 credits of Mathematical Sciences.
- B. **Humanities/Fine Arts** (3 credit hours)
Choose from the University approved GEP Humanities or Fine Arts course list
- C. **Social Sciences** (6 credit hours). ARE 201A and SOC 203A OR SOC 241A fulfills 6 credits of Social Science GEP.
- D. **Health & Exercise Science** (1 credit hour) Choose from the University approved GEP Health and Exercise Studies course list.
- E. **Introduction to Writing** (6 credit hours satisfied by completing WRT 111 and WRT 114)

FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)
Current: X Proposed: Effective Semester: 8/2016

DEGREE TITLE: A.A.S. Horticultural Science Management

CONCENTRATION TITLE: Ornamentals and Landscape

PROPOSED DEGREE KEY: 11H5MAAS; 11H5MOLT

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
WRT 111 Expository Writing ^E	3	WRT 114 Prof Writing, Research and Reporting ^E	3
MAA 102 Mathematics for Ag & Sciences	3	MA 103A Topics in Contemporary Mathematics ^A	3
HS 101 Orn & Landscape Tech Orientation	1	HS 121 Plant Propagation	3
HS 111 Plant Identification	3	HES* Any Health & Exercise Science ^D	1
HS 115 Plant Growth & Development	3	HS Advised Courses ¹	3
SOC 203A Current Social Problems ^C	3	Free Elective	3
		AGI 195 Pre-Internship/Soft Skills	1
	<i>Total: 16</i>		<i>Total: 17</i>
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ARE 201A Intro to Ag & Resource Economics ^C	3	ARE 115 Agribusiness Accounting	3
HS 144 Weeds and Diseases of Ornamentals	3	BAE 123 Light Equipment Tech	3
HS 162 Landscape Maintenance	3	ENT 163 Orn & Turf Insects	3
SSC 112 Principles of Soil Science	4	HS Advised Courses ¹	3
H/FA *** Elective ^B	3	***** Free Elective	3
AGI 192 AGI External Learning Experience	1 or 2		
	<i>Total: 17-18</i>		<i>Total: 15</i>
Minimum Credit Hours Required for Graduation* : 64			

Major/Program Footnotes:

1. Choose two of the following HS Advised courses:
 - HS 141 - Greenhouse Crop Production (odd years only)
 - HS 151 - Nursery Production (even years only)
 - HS 131 - Fruit & Vegetable Production (odd years only)
 - HS 171 - Landscape Construction (even years only)
 - AGI 192 - AGI External Learning Experience (summer between freshman and sophomore years)

***General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours must be satisfied. University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

- A. **Mathematical Sciences** (3 credit hours) MA 103A fulfills the 3 credits of Mathematical Sciences.
- B. **Humanities/Fine Arts** (3 credit hours)
Choose from the University approved GEP Humanities or Fine Arts course list
- C. **Social Sciences** (6 credit hours). ARE 201A and SOC 203A OR SOC 241A fulfills 6 credits of Social Science GEP.
- D. **Health & Exercise Science** (1 credit hour) Choose from the University approved GEP Health and Exercise Studies course list.
- E. **Introduction to Writing** (6 credit hours satisfied by completing WRT 111 and WRT 114)

August 18, 2017

MEMORANDUM

TO: University Courses and Curricula Committee (UCCC)

FROM: Dr. Helen Kraus, Undergraduate Coordinator,
Department of Horticultural Science

CC: Li Marcus, Director of the Office of Undergraduate Courses &
Curricula

DATE: August 18, 2017

SUBJECT: Requested Changed to the 4-Semester Display for the 11HSMSSF
of the 11HSMAAS in Horticultural Science

Please find attached the new 4-semester display for the HSMSSF concentration of the HSMAAS in Horticultural Science. The changes incorporate a required internship.

The specific changes (indicated in red on the updated 4-semester display) are:

- Correction for new course number for what was PO 150 and now is PO 201/201A.
- Inclusion of AGI 195, Professional Development in the Spring semester of the 01 year. This course prepares students for their internship during the summer between their 01 and 02 years.
- Inclusion of AGI 192, AGI External Learning Experience. This course follows their internship experience and provides time for reflection and share of internship experiences between the students in the class.
- This brings the total credits required for the HSMAAS degree to 65.

FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Current: Proposed: X Effective Semester: 9/2017

DEGREE TITLE: A.A.S. Horticultural Science Management

CONCENTRATION TITLE: Small Scale Farming

PROPOSED DEGREE KEY: 11H5MAAS; 11H5MSSF

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
WRT 111 Expository Writing ^E	3	WRT 114 Prof Writing, Research and Reporting ^E	3
MAA 102 Mathematics for Ag & Sciences	3	MA 103A Topics in Contemporary Mathematics ^A	3
HS 101 Orn & Landscape Tech Orientation	1	HS 121 Plant Propagation	3
HS 115 Plant Growth & Development	3	HES* Any Health & Exercise Science Course ^D	1
SOC 203A Current Social Problems or SOC 241A Ag & Rural Society ^C	3	BAE Elective ²	3-4
SSC 112 Principles of Soil Science	4	HS Elective ⁴	3
		AGI 191 Professional Development	1
	<i>Total: 17</i>		<i>Total: 17-18</i>
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ARE 201A Intro to Ag & Resource Economics ^C	3	ARE 115 Agribusiness Accounting	3
HS 144 Weeds and Diseases of Ornamentals	3	H/FA *** Elective ^B	3
CS 152 Weed Control in Field Crops	3	HS 141 Greenhouse Crop Production	4
ENT Elective ³	3		3
ANS/PO Elective ¹	3-4	***** Free Elective	6
AGI 192 AGI External Learning Experience ⁵	1		
	<i>Total: 16-17</i>		<i>Total: 15</i>
Minimum Credit Hours Required for Graduation* : 65			

Major/Program Footnotes:

¹ ANS/PO Elective (3-4 credit hours) Choose from: PO 201/201A Poultry Production & ANS 101, General Animal Science then ANS 103, Beef Production; ANS 104, Swine Production;

² BAE Elective (3-4 credit hours) Choose from: BAE 123, Light Equipment Technology or BAE 133, Ag. Tractors & Machinery

³ ENT Elective (3 credit hours) Choose from: ENT 110, General Entomology or ENT 121, Pesticides and Their Utilization

⁴ HS Elective (3 credit hours) Choose from: HS 131, Fruit & Vegetable Production or HS 175, Horticultural Entrepreneurship

⁵ AGI 192 – AGI External Learning Experience (summer between freshman and sophomore years)

***General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours must be satisfied. University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

A. **Mathematical Sciences** (3 credit hours) MA 103A fulfills the 3 credits of Mathematical Sciences.

B. **Humanities/Fine Arts** (3 credit hours)

Choose from the approved GEP Humanities or Fine Arts course list below

C. **Social Sciences** (6 credit hours). ARE 201A and SOC 203A or SOC 241A fulfills 6 credits of Social Science GEP.

D. **Physical Education/Healthy Living** (1 credit hour) *Choose from the University approved GEP Physical Education course list.*

E. **Introduction to Writing** (6 credit hours satisfied by completing WRT 111 and WRT 114)

FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Current: X Proposed: Effective Semester: 8/2015

DEGREE TITLE: A.A.S. Horticultural Science Management

CONCENTRATION TITLE: Small Scale Farming

PROPOSED DEGREE KEY: 11H5MAAS; 11H5MSSF

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
WRT 111 Expository Writing ^E	3	WRT 114 Prof Writing, Research and Reporting ^E	3
MAA 102 Mathematics for Ag & Sciences	3	MA 103A Topics in Contemporary Mathematics ^A	3
HS 101 Orn & Landscape Tech Orientation	1	HS 121 Plant Propagation	3
HS 115 Plant Growth & Development	3	HES* Any Health & Exercise Science Course ^D	1
SOC 203A Current Social Problems or SOC 241A Ag & Rural Society ^C	3	BAE Elective ²	3/4
SSC 112 Principles of Soil Science	4	HS Elective ⁴	3
<i>Total: 17</i>		<i>Total: 16 - 17</i>	
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ARE 201A Intro to Ag & Resource Economics ^C	3	ARE 115 Agribusiness Accounting	3
HS 144 Weeds and Diseases of Ornamentals	3	H/FA *** Elective ^B	3
CS 152 Weed Control in Field Crops	3	HS 141 Greenhouse Crop Production	4
ENT Elective ³	3	***** Free Elective	6
ANS/PO Elective ¹	3/4		
<i>Total: 15 - 16</i>		<i>Total: 16</i>	
<i>Minimum Credit Hours Required for Graduation* : 64</i>			

Major/Program Footnotes:

¹ ANS/PO Elective (3-4 credit hours) Choose from: ANS 103, Beef Production; ANS 104, Swine Production; or PO 150 Poultry Production

² BAE Elective (3-4 credit hours) Choose from: BAE 123, Light Equipment Technology or BAE 133, Ag. Tractors & Machinery

³ ENT Elective (3 credit hours) Choose from: ENT 110, General Entomology or ENT 121, Pesticides and Their Utilization

⁴ HS Elective (3 credit hours) Choose from: HS 131, Fruit & Vegetable Production or HS 175, Horticultural Entrepreneurship

***General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

A. **Mathematical Sciences** (3 credit hours) MA 103A fulfills the 3 credits of Mathematical Sciences.

B. **Humanities/Fine Arts** (3 credit hours)

Choose from the approved GEP Humanities or Fine Arts course list below

C. **Social Sciences** (6 credit hours). ARE 201A and SOC 203A or SOC 241A fulfills 6 credits of Social Science GEP.

D. **Physical Education/Healthy Living** (1 credit hour) Choose from the University approved GEP Physical Education course list.

E. **Introduction to Writing** (6 credit hours satisfied by completing WRT 111 and WRT 114)



College of Agriculture and Life Sciences
 Department of Animal Science
<http://ans.cals.ncsu.edu/>

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 120 Broughton Drive
 Raleigh, NC 27695-7621
 P: 919.513.7488

Memorandum

To: Dr. Michael D. Mullen, Vice Chancellor and Dean of the Division of Academic and Student Affairs
From: Melissa Merrill, Department of Animal Science, Undergraduate Teaching Coordinator *Melissa Merrill*
Date: August 18, 2017
Subject: Remove ANS 494 from departmental electives list

Proposed effective date: September 1, 2017

Justification: We recently revised our Animal Science existing experience courses (ANS 492—internship and ANS 493—research) and created a new experience course (ANS 494—teaching). Credit for the ANS 492 and ANS 493 courses cannot count towards the Animal Science departmental electives and we would like to do the same for the newly created ANS 494 course. We request this change to maintain consistency for all of our S/U graded experience courses.

Required Signatures:

<i>my Todd</i>	<i>8/18/17</i>
_____ Department Head	_____ Date
<i>[Signature]</i>	<i>8/25/17</i>
_____ Chair, College Courses and Curricula Committee	_____ Date
<i>[Signature]</i>	<i>8/25/17</i>
_____ College Dean	_____ Date
_____ Chair, University Courses and Curricula Committee	_____ Date
_____ Dean, Division of Academic and Student Affairs	_____ Date

2 CALS Actions

Melissa Merrill <msashwel@ncsu.edu>

Mon, Aug 28, 2017 at 4:26 PM

To: Li Marcus <lamarcus@ncsu.edu>

Cc: Robin Clements <renutt@ncsu.edu>, Office of Courses Curricula <courses-curricula@ncsu.edu>

Thank you for allowing me to do this by email!! I have responded below in RED all CAPS text.

On Mon, Aug 28, 2017 at 4:10 PM, <lamarcus@ncsu.edu> wrote:

Hi, everyone

A memo for this is fine but it needs to indicate explicitly:

- any/all plans and sub plans affected
- where any text needs to be changed (in this case, including the footnote number and desired text)
- the requirement group number or name for exclusion in the degree audit

In order to not make this memo get redone, we'll attach this email to the action. Dr. Merrill can you please confirm:

- this would add "ANS 494" to footnote #3 in the "Major/ Program Footnotes" here: <https://oucc.dasa.ncsu.edu/cals-11anscbs-11anscsas-2136/> **YES**
- does this also affect the Vet and Industry subplans? Any I'm missing? **YES, all 3 subplans (VET, SAS and IAS)**
- I'm including John to see if he can pinpoint the requirement group for the exclusion that also includes ANS 493 **GrOUP 4 MAJOR REQUIREMENTS**

[Quoted text hidden]

[Quoted text hidden]