

University Curriculum Committee
September 19, 2024, Meeting Minutes

The University Curriculum Committee met on **Thursday, September 19, at 3:00 p.m. via Teams.**

Members Present:

Indranil Bhattacharya	Sean Alley	Julie Baker	Curtis Armstrong
Scott Christen	Brittany Copley	Kent Dollar	Brandi Fletcher
Steve Frye	Jeff Boles	Gerald Gannod	Mike Gotcher
Kim Hanna	Steve Hayslette	Colin Hill	Michael Hoane
Sharon Huo	Barbara Jared	Christy Killman	Jeannette Luna
Karen Lykins	Hayden Mattingly	Lori Maxwell	Kelly McCallister
Allen Mills	Ben Mohr	Linda Null	Thomas Payne
Richard Rand	Mohan Rao	Lindsey Roberts	Stephen Robinson
Jennifer Shank	Martin Sheehan	Matthew Smith	Darron Smith
Daren Snider	Holly Stretz	Benjamin Sweeney	Dennis Tennant
Fred Vondra	Jeremy Wendt (chair)	Chris Wilson	Kimberly Winkle
Kuman Yelamarthi	Lisa Zagumny	Augusta Long (student)	

Members Absent:

Michael Allen	James Baier	Melinda Anderson	Julie Galloway
Abby McCulley, student	Omar Abdelsalam (student)	John Crow (student)	Omar Abdelsalam (student)

Official Representative(s):

Motoya Machida for Michael Allen	Ciana Bowhay for Jim Baier	Rufaro Chityo for Melinda Anderson	
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Guest(s):

Troy D. Smith	Deborah Allen	Autumn McDaniel	Allen Mullis
Angie Briggs	Kelley Jones	Mary McCaskey	

Outline of Proceedings

UCC Agenda, September 19, 2024		
Item	Department	Memo Subject
01	UCC	Approval of Agenda
02	UCC	Approval of April 4, 2024, minutes
03a	Human Ecology	Course Addition
03b	Human Ecology	22 Course Deletions
03c	Human Ecology	3 Course Changes
03d	Human Ecology	5 Curriculum Changes
04a	Agriculture	1 Course Change
04b1	Agriculture	1 Concentration Termination - Horticulture **
04b2	Agriculture	1 Concentration Termination - Nursery and Landscape Management **
04b3	Agriculture	1 Concentration Proposal - Horticulture, Landscape & Turfgrass Management **
04c	Agriculture	3 Course Additions, 3 Course Terminations
04d1	Agriculture	1 Concentration Termination - Agricultural Education **
04d2	Agriculture	1 Concentration Termination - Agricultural Communication **
04d3	Agriculture	1 Concentration Proposal - Agricultural Ed. and Communication**
04e	Agriculture	1 Name Change with Curriculum Change **
05	Music	1 New Concentration ** TABLED
06	History	1 Course Addition
07	History	1 New Minor
08	Foreign Languages	1 New Certificate **
09	Mathematics	1 New Course
10	Sociology & Political Science	7 New Courses and 2 Curriculum Changes
11	Interdisciplinary Studies	1 New Program***
12	Other such Matters	
		** Academic Council Approval Required & THEC Notification
		*** Academic Council and Board of Trustees Approval

Proceedings:

Confirming that a quorum was present, Dr Jeremy Wendt, Chair of the Committee, called the meeting to order at 3:01 p.m. via Teams.

1. Approval of Agenda

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

2. Approval of Minutes, April 4, 2024

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

3. Human Ecology

A. Course Additions:

HEC 4100/5100 Cultural Competence for Professionals Lec 3. Credit 3.

Examination of bias across dimensions like race, gender, ability, mental health, and socioeconomic status. Students will explore the mechanisms and societal impacts of bias, focusing on the intersections of visible and invisible differences to foster a more empowering environment.

Justification:

We have been offering HEC 3100 Cultural Competence for Professionals in our undergraduate concentrations of Child Life, Human Development and Family Science and Nutrition and Dietetics. As we prepare to offer a MS in Child Life next year (pending final approval from THEC and SACSCOC) we request to re-number this course so it can be dually listed in the undergraduate concentrations and as a course within the MS in Child Life.

Financial Impact: There is no financial impact for this change.

Effective date: Fall 2025

Motion to approve: Julie Baker

Second: Richard Rand

Vote: Motion carried

B. Course Deletions:

1. HEC 3100 Cultural Competence for Professionals Lec 3. Credit 3.

Justification: We are renumbering this course to be 4100/5100 so it can be dually listed in the undergraduate and graduate catalogs.

2. HEC 1020 Social and Professional Etiquette Lec 1. Credit 1.

Justification: This course has not been offered in several years, and the content is included in other courses.

3. HEC 1000 Intro to the Profession

Justification: This course was deleted several years ago but continues to show up in the electronic catalog. It has been replaced with HEC 1005.

4. HEC 1045 Sports Nutrition and Wellness and HEC 2611 Sports Nutrition Practicum

Justification: Since we no longer have a Sports RD on campus, these classes have not been offered in over 3 years. Request they be removed from the electronic catalog.

5. HEC 3390 Purchasing in Food Service Management Lec 3. Credit 3.

Justification: This course has never been taught and is not on the current nutrition curriculum. It was developed by a faculty member that no longer works for TN Tech. It is not needed on the curriculum and should be removed from the catalog.

6. HEC 4251 Field Experience Health Care Credit Credit 6

7. HEC 4252 Field Experience in School Nutrition Credit 6.

8. HEC 4254 Field Experience in School Nutrition Credit 6.

9. HEC 4993 Field Experience – Environmental Health Science Credit 6.

10. HEC 4995 Field Experience – Food Systems Credit 6.

Justification: These courses have not been offered in several years. The undergraduate dietetic students no longer enroll in any type of field experience course. The experiential learning hours are now at the graduate level, and we do not need any field experience courses for undergraduate dietetic students.

11. HEC 2365 Social Media in the Workplace Credit 1.

Justification: This course has not been offered in several years. The content is included in other courses. Request it be removed from the electronic catalog.

12. HEC 2500 Creative Play

Justification: This course is no longer offered and has been replaced with HEC 2510 Foundations of Play. Request it be removed from the electronic catalog.

13. HEC2611 Sports Nutrition Practicum

14. HEC 2800 Intro/Teach Family and Consumer Sciences

15. HEC 3805 Materials and Methods of Teaching FCS Education

16. HEC 3812 Practicum in Family and Consumer Sciences

17. HEC 3841 Occupational Family and Consumer Sciences

18. HEC 4871 Residency I

19. HEC 4872 Professional Seminar I

20. HEC 4881 Residency II

21. HEC 4882 Professional Seminar II

Justification: The Family and Consumer Sciences concentration has been deleted and these courses are no longer needed; or being offered.

22. HEC 4220 Research in Food Science and Nutrition Credit 2

Justification: This course has not been taught in several years and is not on the current dietetics' curriculum. Request it be removed from the electronic catalog.

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

C. Course Changes:

1. **From:** HEC 1040 Connections in Human Ecology Lec 1. Credit 1.

First year connections class for new freshmen. Promote connections between the University and School of Human Ecology to foster student success. Develop and apply academic success skills through a variety of learning activities.

To: HEC 1040 Connections in Human Ecology and Design Studies Lec 1. Credit 1.

First year connections class for new freshmen. Promote connections between the University and School of Human Ecology to foster student success. Develop and apply academic success skills through a variety of learning activities.

Justification: To include "Design Studies" in the name of the course to clearly convey the course is for both Human Ecology and Design Studies freshmen.

2. **From:** HEC 3201 Community Nutrition Lec 3 Credit 3

Prerequisite: HEC 1030 or HEC 2020

Cultural food patterns; nutrition education assessment, implementation, and evaluation of community needs at local level; and the study of delivery systems of nutrition services at the local, state, federal and international levels.

To: HEC 3201 Community Nutrition Lec 3 Credit 3

Prerequisite: HEC 2020 and HEC 2240; and Department Approval
Cultural food patterns; nutrition education assessment, implementation, and evaluation of community needs. Exploration of delivery systems of nutrition services utilizing local, state, federal and global perspectives.

Justification: to update the prerequisites for this course, as it is designed to be for upper division nutrition and dietetic students who have the appropriate nutrition knowledge foundation to enroll in the course.

3. **From:** HEC 3210- Careers in Nutrition and Dietetics Lec 1 Credit 1
Career opportunities in nutrition and dietetics. Roles and responsibilities of Registered Dietitian/Nutritionists. Current issues in professionalism. Routes to professional memberships.

To: From: HEC 3210- Careers in Nutrition and Dietetics Lec 1 Credit 1
Prerequisite: HEC 2020 and Department approval. Career opportunities in nutrition and dietetics. Roles and responsibilities of Registered Dietitian/Nutritionists. Current issues in professionalism. Routes to professional memberships.

Justification: this course is designed specifically for nutrition and dietetics majors; it is not meant to be a career exploration class for other majors. Adding prerequisites to avoid students enrolling who are just looking for a 1 credit class.

Motion to approve: Julie Baker

Second: Richard Rand

Vote: Motion carried

D. Curriculum Changes:

1. From: Child and Family Trauma Informed Care Certificate
Required Courses: HEC 1010

To: Child and Family Trauma Informed Care Certificate
Required Courses: HEC 1010 Lifespan Development or PSY 2130 Lifespan Development

Justification: We have a blanket substitution for degree works that allows PSY 2130 (taught at community colleges) to be used as the substitution for HEC 1010. Request this certificate be updated to reflect that.

2. **From:** Human Ecology minor, Required courses: HEC 1010 Life Span Development or HEC 2065

To: Human Ecology minor, Required course: HEC 1010 or PSY 2130 or HEC 2065

Justification: we have a blanket substitution for degree works that allows PSY 2130 (taught at community colleges) to be used as the substitution for HEC 1010. Request this minor be updated to reflect that.

3. Nutrition and Dietetics Curriculum:

From:

HEC 3100 Cultural Competence for Professionals Lec 3. Credit 3 in the fall of senior year

To: HEC 4100 Cultural Competence for Professionals Lec 3. Credit 3 in the fall of senior year

Justification: to update course number

4. Human Development and Family Science Curriculum:

From: HEC 3100 Cultural Competence for Professionals Lec 3. Credit 3 in the fall of junior year

To: HEC 4100 Cultural Competence for Professionals Lec 3. Credit 3 in the fall of junior year

Justification: to update course number

5. Child Life Curriculum:

From: HEC 3100 Cultural Competence for Professionals Lec 3. Credit 3 in the fall of junior year

To: HEC 4100 Cultural Competence for Professionals Lec 3. Credit 3 in the fall of junior year

Justification: to update course number

Financial Impact: There are no financial consequences for any of these changes

Effective Date: Fall 2025

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

4. Agriculture

A. 1 Course Change:

From: AGR 1020 – Connections to Agriculture, Fall. Lab. 2. Credit 1

To: AGR 1020 – Connections to Agriculture, Fall. Lec. 1. Credit 1

Justification: Current offerings of AGR 1020 - Connections in Agriculture do not have a laboratory component; all necessary material can be covered in the lecture format. Activities and content in the syllabus will not change.

Effective Date: Fall 2025

Financial Impact: None

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

B1. Termination of the BS in Ag. Horticulture Concentration

Justification: Terminating the Horticulture concentration is necessary to establish an inclusive and cohesive Horticulture, Landscape, and Turfgrass Management (HLTM) concentration. If approved, the new HL TM concentration will be promoted for incoming students beginning Fall 2025. Students currently in the horticulture concentration will not be affected by the termination as the effective date is December 15, 2030.

Effective Date: December 15, 2030

Financial Impact: None

B2. Termination of the BS in Ag, Nursery & Landscape Management Concentration

Justification: Terminating the Nursery & Landscape Management concentration is necessary to establish an inclusive and cohesive Horticulture, Landscape, and Turfgrass Management (HL TM) concentration. If approved, the new HL TM concentration will be promoted for incoming students beginning Fall 2025. Students currently in the Nursery & Landscape Management concentration will not be affected by the termination as the effective date is December 15, 2030.

Effective Date: December 15, 2030

Financial Impact: None

B3. Addition of Horticulture, Landscape, and Turfgrass Management (HLTM) Concentration

Justification: The consolidation of concentrations into one cohesive Horticulture, Landscape, and Turf Management (HL TM) program acknowledges the inherent interconnectedness of these fields. This concentration provides cohesiveness among students while offering track specific electives that prepare students to enter their desired career field. By offering a comprehensive education that combines theory and practical skills, the HLTM program positions TN Tech School of Agriculture as a leader in horticulture education, contributing to the growth of the horticultural, landscape, and turf industries while fostering sustainability and environmental stewardship.

Effective Date: December 15, 2030

Financial Impact: None

Curriculum on next pages

Student ID: _____	Catalog: 2025-2026 Undergraduate Catalog
Student Name: _____	Program: Agriculture, Horticulture, Landscape, & Turfgrass Management Concentration,
Advisor Name: _____	B.S.AG
	Minimum Credits Required: 120

Agriculture, Horticulture, Landscape, & Turfgrass Management Concentration, B.S.AG.

Curriculum

Freshman Year

First Semester (15-17 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
AGR 1020 - Connections to Agriculture	Credit: 1.			
AGRN 1100 - Plant Science	Credit: 3.			
AGRN 1110 - Plant Science Laboratory Corequisite: AGRN 1100 unless credit for AGRN 1100 has previously been earned.	Credit: 1.			
CHEM 1010 - Introductory Chemistry I or	Credit: 4.			
CHEM 1110 - General Chemistry I				
ENGL 1010 - English Composition I	Credit: 3.			

Select one:

Course Name	Credit	Term Taken	Grade	Gen Ed
MATH 1530 - Introductory Statistics	Credit: 3.			
MATH 1710 - Pre-calculus Algebra Prerequisite: A minimum ACT Math sub-score of 19, or completion of Learning Competencies 1 through 5, or a minimum grade of C in MATH 1000.	Credit: 3.			
MATH 1730 - Pre-calculus Mathematics Prerequisite: ACT Math score of 25 or higher or equivalent placement exam score. Two years of high school algebra, one year of high school geometry, and 12 weeks of trigonometry.	Credit: 5.			
MATH 1830 - Applied Calculus Prerequisite: ACT Math score of 25 or above and three years of high school mathematics, including algebra and geometry; or, special permission of the Mathematics Department; or, C or better in MATH 1710 or equivalent.	Credit: 3.			
MATH 1910 - Calculus I Prerequisite: ACT Math score of 27 or above and four years of high school mathematics, including algebra, geometry, trigonometry, and advanced or pre-calculus mathematics; or, special permission of the Mathematics Department; or, C or better in MATH 1730; or, C or better in MATH 1720 and MATH 1710; or equivalent.	Credit: 4.			

Total: 15-17

Second Semester (17 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
AGET 1600 - Practical Applications in Agricultural Systems	Credit: 3.			
ANS 1200 - Introductory Animal Science	Credit: 3.			
ANS 1210 - Introductory Animal Science Laboratory Corequisite: ANS 1200 unless credit for ANS 1200 has previously been earned.	Credit: 1.			
Humanities/Fine Arts Elective ¹	Credit: 3.			
CHEM 1020 - Introductory Chemistry II or Prerequisite: CHEM 1010.	Credit: 4.			
CHEM 1120 - General Chemistry II Prerequisite: CHEM 1110 with a grade of C or better.				
ENGL 1020 - English Composition II Prerequisite: ENGL 1010.	Credit: 3.			
Total: 17				

Sophomore Year

First Semester (17 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
BIOL 2310 - General Botany	Credit: 4.			
AGRN 2400 - Intro to Soils	Credit: 3.			
AGRN 2415 - Intro to Soils Lab (not a co-requisite)	Credit: 1			
HIST 2010 - Early United States History	Credit: 3.			
DS 2810 - Computer Applications in Business	Credit: 3.			
Choose One				
ENGL 2130 - Topics in American Literature - Prerequisite: ENGL 1020.	Credit: 3.			
ENGL 2235 - Topics in British Literature - Prerequisite: ENGL 1020.	Credit: 3.			
ENGL 2330 - Topics in World Literature - Prerequisite: ENGL 1020.	Credit: 3.			

Total: 17

Second Semester (16 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
AGR 2022 - Professionalism in Agriculture	Credit: 1.			
HIST 2020 - Modern United States History	Credit: 3.			
Humanities/Fine Arts Elective ¹	Credit: 3.			
AGBE 2100 - Economics of Agriculture	Credit: 3.			
AGET 2110 - Agricultural Engineering Technology Corequisite: AGET 2115.	Credit: 2.			
AGET 2115 - Agricultural Engineering Technology Laboratory Corequisite: AGET 2110.	Credit: 1.			
AGET 3110 - Agricultural Engineering Technology Corequisite: AGET 2115.	Credit: 2.			
AGET 3115 - Agricultural Engineering Technology Laboratory Corequisite: AGET 2110.	Credit: 1.			
General Elective	Credit 3.			

Total: 16

Junior Year

First Semester (15 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
COMM 2025 - Fundamentals of Communication or PC 2500 - Communicating in the Professions Prerequisite: ENGL 1020 or concurrent enrollment in ENGL 1020.	Credit: 3.			
Social/Behavioral Sciences ¹	Credit: 3			
AGHT 3410 - Plant Propagation	Credit: 3.			
AGHT 3450 Dendrology	Credit: 3.			
Upper Division Ag Elective ²	Credit: 3.			

Total: 15

Second Semester (12 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
AGET 3560 Turf Systems Irrigation	Credit: 2.			
AGET 3560 Turf Systems Irrigation Lab Corequisite: AGET 3560	Credit: 1.			
Management Elective ⁴	Credit: 3.			
AGHT 3030 - Integrated Pest Management Prerequisite: AGRN 1100 & AGRN 1110 Plant Science & Lab	Credit: 3.			
Social/Behavioral Science ¹	Credit: 3			

Total: 12

Senior Year				
First Semester (12 Cr. Hr.)				
Course Name	Credit	Term Taken	Grade	Gen Ed
HLTM Elective ³	Credit: 3.			
Upper Division Ag Elective ²	Credit: 3.			
Upper Division Ag Elective ²	Credit: 3.			
Management Elective ⁴	Credit: 3.			
Total: 12				
Second Semester (16 Cr. Hr.)				
Course Name	Credit	Term Taken	Grade	Gen Ed
AGR 3000 or AGR 3200 - Leadership and Service OR Study Abroad Exploration	Credit: 3.			
HLTM Elective ³	Credit: 3.			
AGHT 4410 Nursery Management or AGHT 4420 Greenhouse Management	Credit: 3.			
AGR 4500 - Senior Seminar Prerequisite: Senior standing.	Credit: 1.			
Upper Division Ag Elective ²	Credit: 3.			
General Elective	Credit: 3.			
Total: 16				
Note:				
1	Choose two from University approved list.			
	Can be from any Agriculture discipline. (AGBE, AGED, AGET, AGHE, AGHT, AGRN and ANS)			
3	Choose two courses (six hours) from the following: AGRN 3100, AGET 3320, AGET 3325, BIOL 3200, BIOL 4250, BIOL 4310, BIOL 4320			
4	Choose two courses (six hours) from the following: ACCT 2110, BMGT 3510, BGMT 3630, FIN 3210, LAW 2310, MKT 3400, or MKT 4500.			
Notes:				



Curriculum Comparison Table

Program: Agriculture – Turfgrass Management

Proposed Change: New Horticulture, Landscape, & Turf management (HLTM) Concentration

Previous (120) - Turfgrass Management				Proposed (Revised or New) (120) - HLTM			
CRN		Title	SCH	CRN		Title	SCH
<u>General Education</u>			44	<u>General Education</u>			44
ENGL	1010	English Comp I	3	ENGL	1010	English Comp I	3
ENGL	1020	English Comp II	3	ENGL	1020	English Comp II	3
COMM	2025	Fundamentals of Comm. OR	3	COMM	2025	Fundamentals of Comm. OR	3
PC	2500	Comm. in the Professions		PC	2500	Comm. in the Professions	
HIST	2010	Early US History	3	HIST	2010	Early US History	3
HIST	2020	Modern US History	3	HIST	2020	Modern US History	3
CHEM	1010	Intro to Chemistry I OR	4	CHEM	1010	Intro to Chemistry I OR	4
CHEM	1110	General Chemistry I		CHEM	1110	General Chemistry I	
CHEM	1020	Intro to Chem II OR	4	CHEM	1020	Intro to Chem II OR	4
CHEM	1120	General Chemistry II		CHEM	1120	General Chemistry II	
ENGL	2130	American Literature OR	3	ENGL	2130	American Literature OR	3
ENGL	2230	British Literature OR		ENGL	2230	British Literature OR	
ENGL	2330	World Literature		ENGL	2330	World Literature	
HUMAN	XXXX	Humanities/Fine Arts Electives	6	HUMAN	XXXX	Humanities/Fine Arts Electives	6
SOC	XXXX	Social Behavioral Sci. Electives	6	SOC	XXXX	Social Behavioral Sci. Electives	6
BEHAV				BEHAV			
DS	2810	Computers in Business	3	DS	2810	Computers in Business	3
MATH	1530	Intro to Statistics OR	3	MATH	1530	Intro to Statistics OR	3
MATH	1710	Pre-Calc Algebra OR		MATH	1710	Pre-Calc Algebra OR	
MATH	1830	Applied Calculus OR		MATH	1830	Applied Calculus OR	
MATH	1910	Calculus I		MATH	1910	Calculus I	
<u>Agriculture Core</u>			24	<u>Agriculture Core</u>			24
AGR	1020	Connections to Agriculture	1	AGR	1020	Connections to Agriculture	1
AGRN	1100	Plant Science	3	AGRN	1100	Plant Science	3
AGRN	1110	Plant Science Lab	1	AGRN	1110	Plant Science Lab	1
ANS	1200	Introductory Animal Science	3	ANS	1200	Introductory Animal Science	3
ANS	1210	Intro Animal Science Lab	1	ANS	1210	Intro Animal Science Lab	1
AGBE	2100	Economics of Agriculture	3	AGBE	2100	Economics of Agriculture	3
AGRN	2400	Intro to Soils	3	AGRN	2400	Intro to Soils	3
AGRN	2415	Intro to Soils Lab	1	AGRN	2415	Intro to Soils Lab	1
AGET	2110	Ag Engineering Tech AND	3	AGET	2110	Ag Engineering Tech AND	3
AGET	2115	Ag Engineering Tech Lab		AGET	2115	Ag Engineering Tech Lab	
<u>OR</u>				<u>OR</u>			
AGET	3110	Natural Resource Systems AND	3	AGET	3110	Natural Resource Systems AND	3
AGET	3115	Natural Resource Systems Lab		AGET	3115	Natural Resource Systems Lab	
AGR	2022	Professionalism	1	AGR	2022	Professionalism	1
AGR	3000	Leadership OR Study Abroad	3	AGR	3000	Leadership OR Study Abroad	3
AGR	3200	Exploration		AGR	3200	Exploration	
AGR	4500	Senior Seminar	1	AGR	4500	Senior Seminar	1

CRN		<u>Previous Core</u>	SCH	CRN		<u>Proposed Change</u>	SCH
		<u>Horticulture</u>	<u>46</u>			<u>HLTM Core</u>	<u>34</u>
BIOL	2310	General Botany	4	AGET	1600	Practical Applications in Ag	3
AGHT	3030	Integrated Pest Management	3	AGHT	3030	Integrated Pest Management	3
AGHT	3400	Landscape Horticulture	3	AGHT	3410	Plant Propagation	3
AGHT	3410	Plant Propagation	3	AGET	3560	Turf Systems Irrigation	2
AGHT	3450	Dendrology	3	AGET	3565	Turf Systems Irrigation Lab	1
AGHT	3470	Landscape Plant Materials	3	BIOL	2310	General Botany	4
AGHT	4410	Nursery Management	3	AGHT	3450	Dendrology	3
AGHT	4420	Greenhouse Management	3	AGHT	4410	Nursery Management OR	3
AGHT	XXX	AGHT Elective 1	3	AGHT	4420	Greenhouse Management	
AGHT	XXX	AGHT Elective 2	3	AGXX	VAR	Upper Div. Ag Electives*	12
AGET	4610	Greenhouse Structures	3			*Can be any ag concentration	
AGRN	4210	Soil Fertility & Fertilizers	3				
AGXX	VAR	Upper Div. Ag Electives*	9			<u>HLTM Electives</u>	<u>6</u>
				AGRN	3100	Turfgrass Management (3)	6
		BIOL Elective	3-4	AGET	3320	Small Power Equip. (2) AND	
BIOL	3200	General Microbiology	4	AGET	3325	Small Power Equip. Lab (1)	
BIOL	3330	Entomology (+1 hr. elective)	3	BIOL	3200	General Microbiology (4)	
BIOL	3810	General genetics	4	BIOL	4250	Economic Botany (3)	
BIOL	4250	Economic Botany (+1 hr. elective)	3	BIOL	4310	Plant Anatomy (3)	
BIOL	4310	Plant Anatomy (+1 hr. elective)	3	BIOL	4320	Plant Physiology (4)	
BIOL	4320	Plant Physiology	4				
						<u>Management Electives</u>	<u>6</u>
		<u>General Electives</u>	<u>3</u>	ACCT	2110	Principles of Accounting I (3)	6
				BMGT	3510	Mgmt. & Organization (3)	
				BMGT	3630	Human Resources Mgmt. (3)	
				FIN	3210	Managerial Finance (3)	
				LAW	2810	Business Ethics (3)	
				MKT	3400	Principles of Marketing (3)	
				MKT	4500	Retail Marketing Mgmt. (3)	
						<u>General Electives</u>	<u>6</u>
		<u>General Education</u>	<u>44</u>			<u>General Education</u>	<u>44</u>
		<u>Agriculture Core</u>	<u>24</u>			<u>Agriculture Core</u>	<u>24</u>
		<u>Horticulture Core</u>	<u>46</u>			<u>HLTM Core</u>	<u>34</u>
		<u>BIOL Elective</u>	<u>3-4</u>			<u>HLTM Electives</u>	<u>6</u>
		<u>General Electives</u>	<u>3</u>			<u>Management Electives</u>	<u>6</u>
		<u>Total</u>	<u>120</u>			<u>General Electives</u>	<u>6</u>
						<u>Total</u>	<u>120</u>

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

C1. 3 Course Additions

1. AGED 4873 – Professional Seminar I to replace AGED 4872
2. AGED 4925 – Professional Seminar II to replace AGED 4882
3. AGED 4900 – Residency II to replace AGED 4881

Effective Date: Fall 2025

C2. 3 Course Deletions

1. AGED 4872 – Professional Seminar I
2. AGED 4882 – Professional Seminar II
3. AGED 4900 – Residency II

Effective Date: Fall 2030

Justification: The new course numbers are a result of restructuring course numbers and content in the Teacher Education program at Tennessee Tech. To streamline the AGED curriculum, it was suggested by Teacher Education staff that we use the same course numbers.

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

D1. Termination of the BS in Ag, Agricultural Education Concentration

Justification: Terminating the Agricultural Education and Agricultural Communication concentrations and creating a new inclusive and cohesive Agricultural Education and Communications (AGEC) that will provide current and future students with a more diverse curriculum and increased opportunities for internships and career exploration. If approved, the new AGEC concentration will be promoted for incoming students beginning Fall 2025. Students currently in the two aforementioned concentrations will not be affected by the termination as the effective date is December 15, 2030.

Effective Date: December 15, 2030

Financial Impact: None

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

D2. Termination of the BS in Ag, Agricultural Communication Concentration

Justification: Terminating the Agricultural Education and Agricultural Communication concentrations and creating a new inclusive and cohesive Agricultural Education and Communications (AGEC) that will provide current and future students with a more diverse curriculum and increased opportunities for internships and career exploration. If approved, the new AGEC concentration will be promoted for incoming students beginning Fall 2025. Students currently in the two aforementioned concentrations will not be affected by the termination as the effective date is December 15, 2030.

Effective Date: December 15, 2030

Financial Impact: None

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

D3. Addition of Agricultural Education and Communication Concentration

Justification: The following merger of the Agricultural Education and Communications concentrations is the result of graduation numbers being below the University threshold for three consecutive years. It is believed that with the proposed course changes and new alignment, prospective students will be interested in the diverse curriculum as well industry leaders seeking graduates with a diverse portfolio of coursework and leadership and communication skills and experiences.

The new concentration will be titled Agricultural Education & Communication (AGEC). This merger is similar to other state and land-grant institutions' programs as shared with Duncan via a phone conversation with Dr. Ricky Teig, Agricultural Communication faculty member at the University of Florida.

The merger will benefit AGEC students in two ways: 1. Agricultural Communication students will be required to take more COMM and JOUR courses in place of courses that are no longer relevant to the communications industry, as highlighted in a recent study of agricultural industry leaders across TN; and 2. Agricultural Education students starting fall semester 2024 will not be required to take an apprentice teaching seminar and eight-weeks of apprentice teaching; therefore, they will take additional upper-level courses in the School of Agriculture to replace the 12 credits for seminar and apprentice/student teaching. Additionally, there were minor course changes to the original Agricultural Education curriculum sheet to reflect the need for a different animal science course and specific course

requirements in horticulture. These changes will still enable Agricultural Education students to gain Tennessee Department of Education licensure for grades 6-12. Delivery of all courses will still be on the TN Tech campus and delivery modes will consist of on-ground and on-line courses.

This proposed concentration change will not impact current students enrolled in either Agricultural Education and/or Agricultural Communications and if approved will take effect fall semester 2025 with the incoming freshmen class.

THEC CIP Code: 01.01.0801

Existing programs offered at public and private Tennessee institutions: In the state of Tennessee, only the University of Tennessee Knoxville offers a combined agricultural and communication degree program.

Effective Date For All Changes: Fall 2025

Financial Impact: The School of Agriculture will purchase new marketing material to promote the new concentration.

Impact on School of Agriculture and other programs on the TN Tech campus:

This proposed concentration will not adversely impact either the School or supporting Departments on the Tech campus. All courses provided in the curriculum comparison tables are currently being offered one or more semesters at TN Tech.

Accreditation - There are no implications associate with this proposed concentration change.

Course Scheduling: All AGED, AGCM, and courses offered in the School of Agriculture will continue on the same calendar as previous years, thus not causing scheduling conflicts for all AGED students. However, AGCM students will need to add new COMM and JOUR courses into their junior and senior year schedules with the aid of their academic advisor, Dr. Duncan

See next pages for curriculum

Curriculum Comparison Table

Program: Agricultural Communications (AGCM) &
Agricultural Education (AGED)

Proposed: Agricultural Education & Communication (AGEC)

DRAFT – 08-22-24

Current or Existing (123) – AGCM/AGED*			Proposed (Revised) (120)		
Rubric	Title	SCH	Rubric	Title	SCH
General Education			General Education		
		41			41
ENGL 1010		3	ENGL 1010		3
ENGL 1020		3	ENGL 1020		3
COMM 2025 or PC 2500		3	COMM 2025 or PC 2500		3
ENGL 2130 or ENGL 2235 or ENGL 2330 or		3	ENGL 2130 or ENGL 2235 or ENGL 2330 or		3
Humanities/Fine Arts Electives		6	Humanities/Fine Arts Electives		6
HIST 2010		3	HIST 2010		3
HIST 2020		3	HIST 2020		3
MATH 1530		3	MATH 1530 or MATH 1710		3
CHEM 1010		4	CHEM 1010		4
ECON 2010 or ECON 2020 or PSY 1030 or SOC 1010 or AGE 2010		6	ECON 2010 or ECON 2020 or PSY 1030 or SOC 1010 or AGE 2010		6
BIOL 1123 or BIOL 2310		4	BIOL 1123 or BIOL 2310		4
Major Core (Required)			Major Core (Required)		
		24-26			24
ANS 1200		3	ANS 1200		3
ANS 1210* – AGED only		1	ANS 1210		1
AGRN 1100		3	AGRN 1100		3
AGRN 1110* – AGED only		1	AGRN 1110		1
AGRN 2000		3	AGRN 2400		3
AGE 2100		3	AGRN 2415		1
AGE 1600		3	AGE 2100		3
AGE 2110 & 2115 or AGE 3110 & 3115		3	AGE 2110 & 2115 or AGE 3110 & 3115		3
AGR 1020		1	AGR 1020		1
AGR 2022		1	AGR 2022		1
AGR 3000		3	AGR 3000		3
AGR 4500		1	AGR 4500		1
			Concentration		
			43- 48-46 51		
Concentration		43-50	AGED 2120**		3
AGED 2120 – both concentrations		3	AGED 4300**		3
AGED 4300 – both concentrations		3	AGCM 4850 or AGED 4873**		3-4
AGCM 4850		4	AGED 4950**		3
AGCM 4950 (Capstone course for AGCM)		3	BMGT 3720 or AGED 4200**		3

BMGT 3720 / AGED 4200*	3	COMM 2090 or AGED 4110**	3
COMM 2090 / AGED 4110*	3	COMM 3620 or SPED 3000**	3
COMM 3620 / SPED 3000*	3	DS 2810 or EDPY 2210**	3
DS 2810 / EDPY 2210*	3	JOUR 2200 or FOED 3010** or JOUR 2220 or ANS 2110**	6-3
JOUR 2200 / FOED 3010*	3	JOUR 2200 or ANS 2110**	3
JOUR 2220 / ANS 2110*	3	JOUR 3350 or AGHT 4420**	3
JOUR 3350 / AGHT 4420*	3	JOUR 3460 or AGHT 3410**	3
JOUR 3460 / AGHT 3410*	3	JOUR 3480 or AGET 4220** & 4225**	3
JOUR 3480	3	JOUR 3420 or JOUR 3470 or JOUR 3500 or AGED 4900**	3-10
JOUR 3420 or JOUR 3470 or JOUR 3500	3	AGED 4925** or AGCM 4920	2-3
AGED 4881*	10		
AGED 4882*	2	Electives	4-67-12
Electives	3-12	Upper Division Ag Elective	7-123-4
Upper Division Ag (AGCM)	9-12	Upper Division Elective	3
Upper Division Ag (AGED)*	3		
Total	120	Total	1202-126

*Current AGED course requirements

** Courses required for AGED licensure.

Curriculum Degree Plan on next page.

Agricultural Education & Communications (AGEC)
2024-2025

Fall Freshman		Spring Freshman	
ENGL 1010	3	ENGL 1020	3
AGR 1020	1	ANS 1200	3
CHEM 1010	4	BIOL 1123 or BIOL 2310	4
HIST 2010	3	MATH 1530 or 1710	3
AGRN 1100	3	HIST 2020	3
AGRN 1110	1	ANS 1210	1
	15		17
Fall Sophomore		Spring Sophomore	
ENGL 2130 or 2235 or 2330	3	AGRN 2400	3
AGED 2120	3	COMM 2025 or PC 2500	3
AGBE 2100	3	Humanities/Fine Arts elec.	3
ECON 2010 or 2020, PSY 1030,	3	AGET 2110 & 2115 or AGET	3
AGBE 2010 or SOC 1010		3110 & 3115	
AGR 2022	1	AGBE 2010 or PSY 1030 or	3
		ECON 2010 or 2020 or SOC	
		1010	
Humanities and Fine Arts elec.	3	AGRN 2415	1
	16		16
Fall Junior		Spring Junior	
AGR 3000	3	JOUR 3350 or AGHT 4420	3
JOUR 3460 or AGHT 3410	3	AGED 4200 or BMGT 3720	3
Upper Division Ag elective	3-4	AGED 4300	3
JOUR 2200 or ANS 2110	3	JOUR 2220 or FOED 3010	3
EDPY 2210 or DS 2810	3	Upper Division Ag Elective	3
	15-16		15
Fall Senior		Spring Senior	
AGET 4220 and AGET 4225 or	3	***AGED 4925 or AGCM 4920	2-3
JOUR 3480			
Upper Division Ag Elective or	3	JOUR 3420 or JOUR 3470 or	3-10
PC 3500		JOUR 3500 or ****AGED 4900	
SPED 3000 or COMM 3620	3	AGCM 4850	4
AGED 4110 or COMM 2090	3	*Upper Division Ag Elective	3
AGR 4500	1		
**AGED 4873	3		
	13-		12-
	16		13
TOTAL	120		

Note. *Only AGCM students; **AGED 4873 replaces AGED 4872; ***AGED 4925 replaces AGED 4882; and ****AGED 4900 replaces AGED 4881

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

**4E. Concentration Name Change and Curriculum Change –
From: Environmental Agriscience**

To: Soil and Water Conservation (SWC)

Justification: In TN, there are less than 75 licensed soils scientists, many of which are approaching retirement. Thus, a long-term demand for entry-level workers in environmental and soils science related fields is expected. Discussion with industry experts indicate proficiency in GPS and GIS technologies is paramount. The Soil & Water Conservation (SWC) concentration places the TN Tech School of Ag in a position to provide real-world experience and training for students seeking innovative career fields in environmental or soil sciences. The SWC better reflects the course work and training students will receive. The concentration is expected to attract future students by providing curriculum that develops successful environmental and soil scientists.

Implementation Date: Fall 2025

Termination Date: December 15, 2030

Financial Impact: Cost for updating marketing materials

Curriculum next pages

Student ID: _____	Catalog: 2025-2026 Undergraduate Catalog Program: Agriculture, Soil & Water Conservation Concentration, B.S.AG Minimum Credits Required: 120
Student Name: _____	
Advisor Name: _____	

Soil & Water Conservation Concentration, B.S.AG.

Curriculum

Freshman Year

First Semester (15-17 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
AGR 1020 - Connections to Agriculture	Credit: 1.			
AGRN 1100 - Plant Science	Credit: 3.			
AGRN 1110 - Plant Science Laboratory Corequisite: AGRN 1100 unless credit for AGRN 1100 has previously been earned.	Credit: 1.			
CHEM 1010 - Introductory Chemistry I or				
CHEM 1110 - General Chemistry I	Credit: 4.			
ENGL 1010 - English Composition I	Credit: 3.			

Select one:

Course Name	Credit	Term Taken	Grade	Gen Ed
MATH 1530 - Introductory Statistics	Credit: 3.			
MATH 1710 - Pre-calculus Algebra Prerequisite: A minimum ACT Math sub-score of 19, or completion of Learning Competencies 1 through 5, or a minimum grade of C in MATH 1000.	Credit: 3.			
MATH 1730 - Pre-calculus Mathematics Prerequisite: ACT Math score of 25 or higher or equivalent placement exam score. Two years of high school algebra, one year of high school geometry, and 12 weeks of trigonometry.	Credit: 5.			
MATH 1830 - Applied Calculus Prerequisite: ACT Math score of 25 or above and three years of high school mathematics, including algebra and geometry; or, special permission of the Mathematics Department; or, C or better in MATH 1710 or equivalent.	Credit: 3.			
MATH 1910 - Calculus I Prerequisite: ACT Math score of 27 or above and four years of high school mathematics, including algebra, geometry, trigonometry, and advanced or pre-calculus mathematics; or, special permission of the Mathematics Department; or, C or better in MATH 1730; or, C or better in MATH 1720 and MATH 1710; or equivalent.	Credit: 4.			

Total: 15-17

Second Semester (17 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
AGET 1600 - Practical Applications in Agricultural Systems	Credit: 3.			
ANS 1200 - Introductory Animal Science	Credit: 3.			
ANS 1210 - Introductory Animal Science Laboratory Corequisite: ANS 1200 unless credit for ANS 1200 has previously been earned.	Credit: 1.			
Humanities/Fine Arts Elective ¹	Credit: 3.			
CHEM 1020 - Introductory Chemistry II or Prerequisite: CHEM 1010.				
CHEM 1120 - General Chemistry II Prerequisite: CHEM 1110 with a grade of C or better.	Credit: 4.			
ENGL 1020 - English Composition II Prerequisite: ENGL 1010.	Credit: 3.			
Total: 17				

Sophomore Year

First Semester (17 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
GEOL 1040 - Physical geology	Credit: 4.			
AGRN 2400 - Intro to Soils	Credit: 3.			
AGRN 2415 - Intro to Soils Lab (not a co-requisite)	Credit: 1			
HIST 2010 - Early United States History	Credit: 3.			
DS 2810 - Computer Applications in Business	Credit: 3.			
Choose One				
ENGL 2130 - Topics in American Literature - Prerequisite: ENGL 1020.	Credit: 3.			
ENGL 2235 - Topics in British Literature - Prerequisite: ENGL 1020.	Credit: 3.			
ENGL 2330 - Topics in World Literature - Prerequisite: ENGL 1020.	Credit: 3.			

Total: 17

Second Semester (16 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
GEOL 1045 - Earth Environment	Credit: 4.			
HIST 2020 - Modern United States History	Credit: 3.			
Humanities/Fine Arts Elective ¹	Credit: 3.			
AGBE 2100 - Economics of Agriculture	Credit: 3.			
AGET 2110 - Agricultural Engineering Technology Corequisite: AGET 2115.	Credit: 2.			
AGET 2115 - Agricultural Engineering Technology Laboratory Corequisite: AGET 2110.	Credit: 1.			
or				
AGET 3110 - Agricultural Engineering Technology Corequisite: AGET 2115.	Credit: 2.			
AGET 3115 - Agricultural Engineering Technology Laboratory Corequisite: AGET 2110.	Credit: 1.			

Total: 16

Junior Year

First Semester (15 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
COMM 2025 - Fundamentals of Communication or				
PC 2500 - Communicating in the Professions Prerequisite: ENGL 1020 or concurrent enrollment in ENGL 1020.	Credit: 3.			
BIOL 4840 - Limnology	Credit: 3			
BIOL 3130 - General Ecology	Credit: 3.			
Social/Behavioral Science ¹	Credit: 3.			
Upper Division Ag Elective ²	Credit: 3.			

Total: 15

Second Semester (13 Cr. Hr.)

Course Name	Credit	Term Taken	Grade	Gen Ed
AGR 2022 - Professionalism	Credit: 1.			
GEOL 3200 - Water Resources	Credit: 3.			
OR				
GEOL 3230 - Structural Geology	Credit: 3.			
General Elective	Credit: 3.			
Social/Behavioral Science ¹	Credit: 3.			
Upper Division Ag Elective ²	Credit: 3.			

Total: 13

Senior Year					
First Semester (13 Cr. Hr.)					
	Course Name	Credit	Term Taken	Grade	Gen Ed
<input type="checkbox"/>	GR 3000 - Leadership and Service	Credit: 3.			
<input type="checkbox"/>	OR				
<input type="checkbox"/>	AGR 3200 - Study Abroad Exploration	Credit: 3.			
<input type="checkbox"/>	GEO 4150 - Geomorphology	Credit: 4.			
<input type="checkbox"/>	Upper Division Ag Elective ²	Credit: 3.			
<input type="checkbox"/>	General Electives	Credit: 3.			
Total: 13					
Second Semester (13 Cr. Hr.)					
	Course Name	Credit	Term Taken	Grade	Gen Ed
<input type="checkbox"/>	AGR 4500 - Senior Seminar	Credit: 1.			
<input type="checkbox"/>	AGRN 4220 - Environmental Soil Chemistry	Credit: 3.			
<input type="checkbox"/>	AGRN 4230 - Soil Classification	Credit: 3.			
<input type="checkbox"/>	General Elective	Credit: 3.			
<input type="checkbox"/>	AGRN 3350 - Soil & Water Conservation	Credit: 3.			
Total: 13					
Note:					
<input type="checkbox"/>	Choose two from University approved list.				
<input type="checkbox"/>	Can be from any Agriculture discipline. (AGBE, AGED, AGET, AGHE, AGHT, AGRN and ANS)				
Notes:					



Curriculum Comparison Table for a Revised or New Concentration

Curriculum Comparison Table

Program: Bachelors of Science - Agriculture

Proposed Change: From Environmental Agri-science to Soil & Water Conservation (SWC)

Previous Curriculum Environmental Agri-science				Proposed (Revised or New) (120) Soil & Water Conservation (SWC)			
CRN		Title	SCH	CRN		Title	SCH
		General Education	44			General Education	44
ENGL	1010	English Comp I	3	ENGL	1010	English Comp I	3
ENGL	1020	English Comp II	3	ENGL	1020	English Comp II	3
COMM	2025	Fundamentals of Comm. OR		COMM	2025	Fundamentals of Comm. OR	
PC	2500	Comm. in the Professions	3	PC	2500	Comm. in the Professions	3
HIST	2010	Early US History	3	HIST	2010	Early US History	3
HIST	2020	Modern US History	3	HIST	2020	Modern US History	3
CHEM	1010	Intro to Chemistry I OR		CHEM	1010	Intro to Chemistry I OR	
CHEM	1110	General Chemistry I	4	CHEM	1110	General Chemistry I	4
CHEM	1020	Intro to Chem II OR		CHEM	1020	Intro to Chem II OR	
CHEM	1120	General Chemistry II	4	CHEM	1120	General Chemistry II	4
ENGL	2130	American Literature OR		ENGL	2130	American Literature OR	
ENGL	2230	British Literature OR	3	ENGL	2230	British Literature OR	3
ENGL	2330	World Literature		ENGL	2330	World Literature	
HUMAN	XXXX	Humanities/Fine Arts Electives	6	HUMAN	XXXX	Humanities/Fine Arts Electives	6
SOC	XXXX	Social Behavioral Sci. Electives	6	SOC	XXXX	Social Behavioral Sci. Electives	6
BEHAV				BEHAV			
DS	2810	Computers in Business	3	DS	2810	Computers in Business	3
MATH	1530	Intro to Statistics OR		MATH	1530	Intro to Statistics OR	
MATH	1710	Pre-Calc Algebra OR	3	MATH	1710	Pre-Calc Algebra OR	3
MATH	1830	Applied Calculus OR		MATH	1830	Applied Calculus OR	
MATH	1910	Calculus I		MATH	1910	Calculus I	

Agriculture Core				Agriculture Core			
			24				24
AGR	1020	Connections to Agriculture	1	AGR	1020	Connections to Agriculture	1
ANS	1200	Introductory Animal Science	3	ANS	1200	Introductory Animal Science	3
ANS	1210	Animal Science Lab	1	ANS	1210	Animal Science Lab	1
AGBE	2100	Economics of Agriculture	3	AGBE	2100	Economics of Agriculture	3
AGRN	1100	Plant Science	3	AGRN	1100	Plant Science	3
AGRN	1110	Plant Science Lab	1	AGRN	1110	Plant Science Lab	1
AGRN	2400	Intro to Soils	3	AGRN	2400	Intro to Soils	3
AGRN	2415	Intro to Soils Lab	1	AGRN	2415	Intro to Soils Lab	1
AGET	2110	Ag Engineering Tech AND		AGET	2110	Ag Engineering Tech AND	
AGET	2115	Ag Engineering Tech Lab	3	AGET	2115	Ag Engineering Tech Lab	3
		OR				OR	
AGET	3110	Natural Resource Systems AND		AGET	3110	Natural Resource Systems AND	
AGET	3115	Natural Resource Systems Lab		AGET	3115	Natural Resource Systems Lab	
AGR	2022	Professionalism	1	AGR	2022	Professionalism	1
AGR	3000	Leadership	3	AGR	3000	Leadership	3
		OR				OR	

AGR	3200	Study Abroad Exploration		AGR	3200	Study Abroad Exploration	
AGR	4500	Senior Seminar	1	AGR	4500	Senior Seminar	1
CRN		Previous	SCH	CRN		Proposed	SCH
		Environmental Agri-science	42-44			Soil & Water Conserv. Core	42
AGET	1600	Practical Applications in Ag	3	AGET	1600	Practical Applications in Ag	3
GEOL	1040	Physical Geology	4	GEOL	1040	Physical Geology	4
GEOL	1045	Earth Environment	4	GEOL	1045	Earth Environment	4
BIOL	2310	General Botany	4	BIOL	4840	Limnology	3
BIOL	3130	General Ecology OR	3-4	BIOL	3130	General Ecology	3
PHYS	2010	Algebra-based Physics		GEOL	3200	Water Resources OR	3
GEOL	3230	Structural Geology OR	3-4	GEOL	3230	Structural Geology	
BIOL	3200	General Microbiology		AGRN	3350	Soil & Water Conservation	3
AGRN	4100	Weed Science	3	GEOL	4150	Geomorphology	4
AGRN	4210	Soil Fertility OR	6-7	AGRN	4220	Env. Soil Chemistry	3
BIOL	3100	Limnology OR		AGRN	4230	Soil Classification	3
GEOL	4120	Geomorphology		AGXX	VAR	Upper Div. Ag Electives*	9
AGRN	4220	Environmental Soil Chemistry	3			*Can be any ag concentration	
AGRN	4230	Soil Classification	3				
AGXX	VAR	Upper Div. Ag Electives	9				
		General Electives	7-10			General Electives	10
		General Education	44			General Education	44
		Agriculture Core	24			Agriculture Core	24
		Precision Ag Core	42-45			Soil & Water Conserv. Core	42
		General Electives	7-10			General Electives	10
		Total	120			Total	120

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

5. Music – PROPOSAL TABLED UNTIL OCTOBER MEETING

6. History – 1 Course Addition

Name: HIST 2060 African American History

Type: Lec. 3, Credit 3. Prerequisite: None

Catalogue Description: Lec. 3 Credit 3. Surveys United States history from the vantage point of African Americans

Justification: Exploring African American history exposes students to themes in our national history that complicate their portraits of American identity and citizenship and prepares them to examine current challenges to United States democracy in light of

historical trends. The content of this course allows it to be cross-listed in the Race and Ethnic Studies and Women's and Gender Studies minors. Moreover, this African American History survey expands the Department of History's offerings in courses that examine political culture, performance art, religion, and media in addition to assisting the University in reaching its goal of preparing students for culturally enriched lives and increased capacities to engage individuals from a wide variety of backgrounds.

Financial Impact: None

Effective Date: Spring 2025

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

7. History – 1 New Minor

In a joint effort with the Departments of Biology, English, and Sociology, the Department of History proposes the creation of a new Minor in Appalachian Studies, with a minor program code of APP. Students may earn this minor by completing 15 hours:

REQUIRED (3 Hours) One of the following courses:

- HIST 4110 -Appalachian History and Culture (no prereqs)
- SOC 4080 -Sociology of Appalachia

And 12 additional hours from the following options:

- HIST 4110 - 4119 -Appalachian History and Culture series (no prereqs)
- SOC 4080 -Sociology of Appalachia (prereq- SOC 1010 or 1100 or consent of the Instructor)
- HIST 3100-Tennessee Topics (no prereqs)
- HIST 4442-Cherokee History (no prereqs)
- ENG 4820 -Upper Cumberland Folklore (prereq- ENGL 1010 and ENGL 1020 and one course from among ENGL 2130 , ENGL 2230 , and ENGL 2330)
- ENG 4712 - African American Literature: Appalachian Writers (prereq- ENGL 1010 and ENGL 1020 and one course from among ENGL 2130 , ENGL 2230, and ENGL 2330)
- WFS 4993 -Special Topics in Biology: Great Smoky Mountains National Park (no prereqs)
- WFS 4993 - Special Topics in Malacology: Identification and Ecology of Southeastern Freshwater Mussels (no prereqs)
- LIST Special Topics: Appalachian Entrepreneurship
- HIST 4940 - History Internship I (prereqs- 12 hours of history courses)
- HIST 4941-History Internship II (prereqs- HIST 4940)

- Appalachian-centric directed studies or one-time special topics courses, with consent of minor adviser (e.g., ESS, RELS, or MUS special topics that focus on Appalachia or the Upper Cumberland)

Justification: Students pursuing this minor will develop a broad understanding of the Appalachian geographical and cultural region, particularly Central and Southern Appalachia. While the minor may appeal most to humanities majors, available coursework might also make it attractive to biology, fish and wildlife, and environmental studies majors.

Apply to: Department of History offerings in the Undergraduate Course Catalog.

Financial Impact: All courses will be taught in load by faculty members currently employed at Tennessee Tech. No new costs are expected.

Effective Date: Summer 2025

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

8. Foreign Languages – 1 new certificate for French in the Workplace

DESCRIPTION: The Certificate in French for the Workplace is designed to provide undergraduate students with the language and cultural foundation necessary to succeed in a French-speaking work environment. This 18-credit hour certificate requires students to complete 12 hours of language courses (FREN 1020 to FREN 3010) as well as two courses dedicated to pre-graduation work experience and career readiness (FREN 3200 and FREN 4910). The Certificate in French for the Workplace differs from the major in French by virtue of its focus on building students' workplace-related skills, rather than on expanding their knowledge of general French culture.

REQUIRED COURSES: (18 hours, total):

- FREN 1020: Elementary French 2 (3 hours; prerequisite FREN 1010¹)
- FREN 2010: Intermediate French 1 (3 credit hours; prerequisite FREN 1020)
- FREN 2020: Intermediate French 2 (3 credit hours; prerequisite FREN 2010)
- FREN 3010: Written Communication in French (3 credit hours; prerequisite FREN 2020)
- FREN 3200: Business French (3 credit hours; prerequisite or corequisite FREN 3010)
- FREN 4910: Directed Studies in French: Professional Internship (3 credit hours; prerequisite FREN 3010)

JUSTIFICATION: The Certificate in French for the Workplace builds on the existing foreign language requirements for students in other BA programs (English, History), allowing them

to earn internationally recognized credentials, and offers students in other degree programs the chance to acquire these same credentials as well, without having to double major in French. Canada, France, and Switzerland are, respectively, the fourth, fifth, and seventh largest sources of foreign direct investment in Tennessee, with 80, 76, and 41 companies currently employing 24,000 workers in our state.²

The Certificate in French for the Workplace differs from the major in French by virtue of its focus on building students' workplace-related skills, rather than expanding their knowledge of general French culture. This certificate differs from the minor by requiring students to complete two courses (FREN 3200 and FREN 4910) dedicated to pre-graduation work experience and career readiness. FREN 3200 will expand its current course unit on professional French and require students (with faculty guidance) to write professional emails in French and English to contact professionals from French-owned businesses or professional organizations.

As part of their course grade in FREN 3200 students will take the exam for the Diplome de Français Professionnel (DFP) offered by the Paris Ile-de-France Chamber of Commerce and Industry. Completing the DFP exam will provide students with a formal assessment of their language skills that they can show to either potential internship sites, or to potential employers.

This program does not alter the curriculum of the French major, nor of any other French courses currently offered by the Department of Foreign Languages, and the creation of this certificate supports the following student-learning outcomes, based upon those established by the Department of Foreign Languages:

1. SLO 1
 - a. Outcome Statement: Students completing a certificate in French for the Workplace will demonstrate learning in French language and business culture with 80% of students earning a passing grade on the exam for the B1 level³ of the Paris Chamber of Commerce and Industry's Diploma of Professional French.
 - b. Assessment Methods: The B1 level of the Paris Chamber of Commerce and Industry's Diploma of Professional French assesses a student's ability to:
 - Express themselves using vocabulary and structures appropriate to the business world,
 - Understand and analyze texts related to business and current events,
 - Identify the major characteristics of businesses in the French-speaking world,
 - Present cultural differences between business in the USA and in France
2. SLO 2
 - a. Outcome Statement: Students graduating with a certificate in French for the Workplace will showcase their career-readiness in the French language with 80% of students scoring a grade of B or above for each professional document in their FREN4910 final portfolio.
 - b. Assessment Methods: The FREN4910 final portfolio reflects student's presentational communication skills as well as their cultural and language

comparison skills as outlined in the American Council on the Teaching of Foreign Languages (ACTFL) standards, as follows:

- Analyze and evaluate authentic material in the target language in its written and spoken forms
- Analyze, apply, and evaluate assumptions, concepts, and theories to provide valid responses, conclusions, or recommendations
- Compare and evaluate the relationship between the products, practices, and perspectives of the cultures of the target language and the student
- Apply and justify the use of the language beyond a school setting, including in a professional setting

¹ Prerequisites for FREN 1020, 2010, 2020 and 3010 can be met by placing into the course through examination

² Tennessee Department of Economic and Community Development:

<https://tneecd.com/advantages/international/>

³As determined by the Common European Framework of Reference for Languages scale

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

9. Mathematics – 1 new course – Math 4900 Internship in Mathematics

MATH 4900: Internship in Mathematics Cr. 3

Prerequisite: Mathematics major and permission of the department.

Course Description: Students work with a public agency or private company or organization related to the student's area of concentration in Mathematics. Students may take a maximum of two internships for up to a total of 6 hours if the assignments are with different organizations or with different divisions within an organization.

Justification: An internship course in the department's curriculum has been overlooked for many years. Recent summer work experiences by current Mathematics majors have indicated the need to create such a course.

Financial Impact: No additional cost is associated with this new course proposal.

Effective Date: Fall 2025

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

10. Sociology and Political Science

A. 7 New Courses

1. **POLS 4000:** Middle East Politics. Catalog description:
This course delves into the history and politics of the Middle East, with a focus on U.S. foreign policy, democratization, authoritarianism, development, oil supply, the Cold War, terrorism, weapons of mass destruction, Islamic religion, and the Israel-Palestine conflict. Students will also engage in the Model Arab League Conference.
2. **SOC/SW 4000** Substance Misuse, Addiction & Recovery. Catalog description:
Utilizing social work and sociological approaches, students explore the interconnected biological, psychological, social, and spiritual factors impacting substance misuse and substance use disorders; examine evidence-based practices for prevention, intervention, and recovery; and analyze the role of professionals at the micro-, mezzo-, and macro-levels in prevention, treatment, and recovery within diverse communities.
3. **POLS 3020** Responsible AI. Catalog description:
Cross listed as **SOC 3020; CJ 3020; and SW 3020**
Incorporating the foundational elements of Responsible AI, students will submit questions and hear from industry executives and senior government officials on the real-world application of Responsible AI and cybersecurity. Students will develop an understanding of the importance of critical thinking to effectively communicate clearly, concisely, and bottom line upfront.

Effective Date: Spring 2025

B. 2 curriculum changes

- a. "Cyber Crime, Law and Society" (CLS) Minor
POLS/SOC/CJ/SW 3020 Responsible AI. should be added to the "CLS" Minor under "Upper Division Options" for students to choose "two more" courses in addition to the 9 hours of Base Courses, to complete the requisite 15 hours.
- b. POLS Legal Studies Concentration
POLS/SOC/CRCJ/SOCSW 3020 Responsible AI should be added to the list of designated electives for the first and second semesters of the junior year of the POLS-LS concentration.

Effective Date: Summer 2025

Cost: none

Justification: The addition of new faculty and student demand.

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

11. Interdisciplinary Studies – New Academic Program Proposal

We request the University Curriculum Committee's approval to submit the New Academic Program Proposal (NAPP) for the Bachelor of Science (BS) in Interdisciplinary Computing to the Tennessee Higher Education Commission (THEC).

We are proposing to create a computing program that lives in the "intersection" between disciplines to allow the 21st century learner (i.e., digital and information age natives) to combine their interests and skills in other areas with the knowledge of computing, artificial intelligence and data sciences. Students will combine the computing core with a cognate area to create a new computationally enhanced area of study such as digital humanities and computational environmental science. This program will enable students to lead organizations to discover new innovations for addressing the problems of an ever-dynamic world.

The BS in Interdisciplinary Computing is a partnership between the Department of Computer Science and the School of interdisciplinary Studies. The program has undergone comprehensive planning and review, including input from faculty, experts in the field, and external stakeholders. It aligns with our institution's mission and strategic goals offers new opportunities to address the growing need for computing-professionals in various fields, will provide valuable opportunities for students, and will contribute to the academic offerings of our university.

The program proposal includes essential details, such as the program's objectives, curriculum structure, faculty resources, and anticipated student demand. We are confident that the BS in interdisciplinary Computing will meet the necessary academic standards and enhance our university's educational offerings.

Discussion ensued after introduction of this topic. Dr. Luna, Dr. Armstrong and Dr. Stretz asked for clarification of the source of students and potential redundant offerings. Dr. Stretz requested clarification of the Cognate areas. Dr. Gannod and Dean Gotcher responded that future collaboration and discussion would take place with other departments.

Motion to approve: Julie Baker

Second: Darron Smith

Vote: Motion carried

12. Other Such Matters

A. Dr. Luna announced that Earth Sciences' curricula degree maps now state that students are required to complete GEOL 1045 or GEOG 2100. She wanted to announce this since many other programs include this course requirement.

B. Dr. Armstrong discussed SACSCOC

1. Big thank you to everyone who has participated in the SACSCOC accreditation process. He appreciates all the hard work.
2. Please continue uploading CVs.
3. Make certain that FQCs are current. If already uploaded, make sure they are correct.
4. Upload fall syllabi by October 31.
5. Can delegate uploading to administrative associates who will need to gain access to the site.
6. All uploads should be PDFs – CVs, FQCs, syllabi

C. Dr. Huo mentioned that syllabi should be uploaded to Watermark by October 21.

Since no one presented further other such matters, Dr. Wendt adjourned the meeting at 4:15 p.m.