

## ESS Course Projections:

Fall 2023-Fall 2026

**AGRIBUSINESS****ECONOMICS****AGBE**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
World Food and Society	2010	x	x	x	x	x	x	x	Summer	3
Agriculture and Business	4130		x		x		x		Prerequisite: AGBE 2100	3

**AGRICULTURAL ENGR.****TECHNOLOGY****AGET**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
Agricultural Engineering Technology	2110	x	x	x	x	x	x	x	Corequisite: AGET 2115	2
Agricultural Engineering Technology Lab	2115	x	x	x	x	x	x	x	Corequisite: AGET 2110	1
Natural Resource Systems	3110		x		x		x		Corequisite: AGET 3115	2
Natural Resource Systems Lab	3115		x		x		x		Corequisite: AGET 3110	1
Computer Aided Design in Agriculture	3620	x				x			Prerequisite: AGET 2110	3
Agricultural Processing	4720			x				x	Randomly	3

**HORTICULTURE****AGHT**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
Dendrology	3450	x		x		x		x	Prerequisite: BIOL 2110	3

**AGRONOMY****AGRN**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
Soils	2300									3
Soils Chemical Properties	2310								Prerequisite: CHEM 1020, CHEM 1120, or consent of instructor / Corequisite: AGRN 2300	1
Environmental Soil Science	3350		x		x				Prerequisite: AGRN 3210, 3220	4
Soil Fertility & Fertilizers	4210			x		x			Prerequisite: AGRN 3210, 3220 or consent	3
Environmental Soil Chemistry	4220				x				Prerequisite: AGRN 3210, 3220 or consent	3

<b>BIOLOGY</b>										
<b>BIOL</b>										
<b>Course Description</b>	<b>Course #</b>	<b>Fall 23</b>	<b>Spring 24</b>	<b>Fall 24</b>	<b>Spring 25</b>	<b>Fall 25</b>	<b>Spring 26</b>	<b>Fall 26</b>	<b>Notes</b>	<b>Credits</b>
Introduction to Biology I	1010	x	x	x	x	x	x	x	Summer Online	4
Diversity of Life	1020	x	x	x	x	x	x	x	Summer Online	4
General Biology	1113	x	x	x	x	x	x	x	Summer Online	4
General Zoology	1114								BIOL 1113 Recommended	4
General Ecology	3120	x	x	x	x	x	x	x	Sophomore Year Recommended	3
General Ecology	3130	x	x	x	x	x	x	x		3
Cellular Biology	3140	x	x	x	x	x	x	x	Prerequisite: BIOL 1123	4
General Microbiology	3200	x	x	x	x	x	x	x	Prerequisite: BIOL 1114	4
Field Botany	3240		x		x		x		Prerequisites: 2310 and Junior Standing	3
Entomology	3330				x					3
General Genetics	3810	x	x	x	x	x	x	x	Prerequisite: BIOL 1113	4
Environmental Microbiology	4130	x		x		x		x	Prerequisites: BIOL 3200 or 3230	3
Animal Behavior	4230						x		Prerequisite: Junior Standing	3
Plant Ecology	4330	x				x		x	Prerequisites: BIOL 2110 and BIOL/WFS 3130	3
Invertebrate Zoology	4610	x	x	x	x	x	x	x	Prerequisites: BIOL 3130 or WFS 3130	3
Ornithology	4630		x		x		x		Prerequisite: Junior Standing	3
Marine Biology	4650		x				x		Prerequisite: BIOL 3130 or WFS 3130	4
Ichthyology	4810	x		x		x	x		Prerequisite: Junior Standing	3
Mammalogy	4820	x		x		x		x	Prerequisite: Junior Standing	3
Herpetology	4830		x		x		x		Prerequisite: Junior Standing	3
Limnology	4840	x		x		x		x	Prerequisite: Junior Standing	3
Applied Microbiology	4850				x				Consent of Instructor	3

<b>BUSINESS MANAGEMENT</b>										
<b>BMGT</b>										
<b>Course Description</b>	<b>Course #</b>	<b>Fall 23</b>	<b>Spring 24</b>	<b>Fall 24</b>	<b>Spring 25</b>	<b>Fall 25</b>	<b>Spring 26</b>	<b>Fall 26</b>	<b>Notes</b>	<b>Credits</b>

Management & Organization Behavior	3520									Summer	3
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**CIVIL ENGINEERING**      **CEE**

Course Description	Course #	Fall 23	Spring 24	Fall 24	Spring 25	Fall 25	Spring 26	Fall 26	Notes	Credits
Environmental Engineering	3413	x	x	x	x	x	x	x	Prerequisites: CHEM 1120 and MATH 2110	3
Solid & Hazardous Waste Management	4410			x		x		x	Summer, Prerequisite: CEE 3413 or Consent	3
Water & Wastewater Engineering	4430		x		x		x		Prerequisites: CHEM 1120 and CEE 3413 or consent	3

**CHEMISTRY**      **CHEM**

Course Description	Course #	Fall 23	Spring 24	Fall 24	Spring 25	Fall 25	Spring 26	Fall 26	Notes	Credits
Introduction to Chemistry I	1010	x	x	x	x	x	x	x	Summer	4
Introduction to Chemistry II	1020	x	x	x	x	x	x	x	Summer, Prerequisite: CHEM 1010	4
General Chemistry I	1110	x	x	x	x	x	x	x	Summer	4
General Chemistry II	1120	x	x	x	x	x	x	x	Summer, Prerequisite: CHEM 1110 C or better	4
Organic Chemistry I	3010	x	x	x	x	x	x	x	Summer, Prerequisite: CHEM 1120 C or better	4
Organic Chemistry II	3020	x	x	x	x	x	x	x	Summer, Prerequisite: CHEM 3010 C or better	4
Quantitative Analysis	3410	x		x		x		x	Prerequisite: CHEM 1120	4
Elements of Physical Chemistry	3500		x		x		x		Prerequisites: CHEM 1120 and MATH 1830 or 1910	3
Environmental Chemistry	4710	x				x			Prerequisite: CHEM 4710	3
Advanced Environmental Chemistry	4720		x				x		Prerequisite: CHEM 4710	3
Undergraduate Research	4991	x	x	x	x	x	x	x	Consent of instructor and departmental chairperson	2

**COMMUNICATIONS**      **COMM**

Course Description	Course #	Fall 23	Spring 24	Fall 24	Spring 25	Fall 25	Spring 26	Fall 26	Notes	Credits
Organizational Communication (SPCH 2000)	2075	x	x	x		x	x	x		3
Fundamentals of Communications (SPCH 2410)	2025	x	x	x	x	x	x	x	Summer	3

Intercultural Communication (SPCH 3620)	3620	x	x	x	x	x	x			3
Advanced Org. Communication (SPCH 4410)	4420				x				Prerequisite: Upper-division status	3
Persuasion (SPCH 4630/COMM 5630)	4630	x		x		x			Prerequisite: SPCH 2410 or COMM 2025 or consent of instructor	3

<b><u>ECONOMICS</u></b>		<b><u>ECON</u></b>									
<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>	
Principles of Microeconomics	2010	x	x	x	x	x	x	x	Summer	3	
Natural Resource Economics (AGBE 4120)	4120	x		x		x		x	Prerequisite: AGBE 2100 or ECON 2010	3	
Environmental Economics	4200		x		x		x		Prerequisite: AGBE 2100 or ECON 2010 *Not currently being taught	3	

<b><u>ENGLISH</u></b>		<b><u>ENGL</u></b>									
<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>	
English Composition I	1010	x	x	x	x	x	x	x	Summer	3	
English Composition II	1020	x	x	x	x	x	x	x	Summer, Prerequisite: ENGL 1010	3	
Topics in American Literature	2130	x	x	x	x	x	x	x	Summer, Prerequisite: ENGL 1020	3	
Topics in British Literature (ENGL 2230)	2235	x	x	x	x	x	x	x	Prerequisite: ENGL 1020	3	
Topics in World Literature	2330	x	x	x	x	x	x	x	Summer, Prerequisite: ENGL 1020	3	
Literature & the Environment	4931				x				Prerequisites: ENGL 1010 and ENGL 1020 and one course from ENGL 2130, ENGL 2230, or ENGL 2330	3	

<b><u>ENVIRONMENTAL &amp; SUSTAINABILITY STUDIES</u></b>		<b><u>ESS</u></b>									
<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>	
Intro to Environmental Studies	1100	x	x	x	x	x	x	x	Sometimes Summer/Also online	3	
Environment and Ethics	2100					x		x		3	

Intro to Environmental Law	3000	x		x		x		x	Prerequisite: Junior standing or consent	3
Global Sust Issues/Initiatives	3100						x			
Nonprofit Org & the Environment	3200									
Chemistry and the Environment	3710		x		x		x		Prerequisite: CHEM 1010	3
Society & the Env: Capstone Exp. Part I	4001	x		x		x		x	Prerequisite: Senior standing	3
Society & the Env: Capstone Exp. Part II	4002	x	x	x	x		x	x	Prerequisite: ESS 4001	3
National Parks/Protected Areas	4100			x		x		x		
Human Dimenstions/Nat. Res. Mgmt	4110				x		x			
Environmental Mgmt. Systems	4300					x			Available when we have instructor	3
Internship	4900		x			x	x	x	As needed, 9 hours, Junior + H88 (+ Summer)	3

<b><u>GEOLOGY</u></b>		<b><u>GEOL</u></b>									
<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>	
Earth Environment, Resources & Society	1045	x	x	x	x	x	x	x	Summer	4	
Earth Evolution & Life History	2000		x						Prerequisite: GEOL 1040	3	
Water Resources	3200		x		x		x			3	
Geomorphology	4150	x		x		x		x	Prerequisites: GEOL 2500	4	
Hydrogeology	4711	x		x		x		x	Prerequisites: GEOL 1040 and GEOL 1045	4	

<b><u>GEOGRAPHY</u></b>		<b><u>GEOG</u></b>									
<i>Course Description</i>	<i>Course #</i>	<i>Fall 21</i>	<i>Spring 22</i>	<i>Fall 22</i>	<i>Spring 23</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Notes</i>	<i>Credits</i>	
Cultural Geography (GEOG 1120)	1012	x	x	x	x	x	x	x	Summer, formerly Human Geography (1120)	3	
Geography of Natural Hazards	1130			x		x		x		3	
World Regional Geography (replaces GEOG 2010)	2010	x	x	x	x	x	x	x	Summer, TNeCampus (Online only)	3	



Intro to Nonprofit Organizations	4226	x	x	x	x	x	x	x	Summer, TNeCampus (Online Only)	3
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**PROFESSIONAL COMM.      PC**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
Communicating in the Professions	2500	x	x	x	x	x	x	x	Summer, Pre- or corequisite: ENGL 1020	3
Professional Communication I	3250	x	x	x					Prerequisite: ENGL 1020	3
Information Design in the Professions	3700				x				Prerequisite: ENGL 3250 or PC 3250	3
Professional Communication II	4970	x			x				Prerequisite: ENGL 3250 or PC 3250	3

**PHILOSOPHY      PHIL**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
Intro to Philosophy	1030	x	x	x	x	x	x	x	Summer, Prerequisite: two semesters completed	3

**PHYSICS      PHYS**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
Algebra-based Physics	2010	x	x	x	x	x	x	x	Summer, Prerequisite: background knowledge of high school algebra and geometry.	4
Calculus-based Physics w/ Lab	2110	x	x	x	x	x	x	x	Summer, Prerequisite: MATH 1920	4
Calculus-based Physics Lab I	2111					x			Summer, Prerequisite: MATH 1920	0

**POLITICAL SCIENCE      POLS**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
American Government	1030	x	x	x	x	x	x	x	Summer	3
Introduction to Latin American Politics	3300								Not currently offered	3
Legislative Process	3700			x			x		Prerequisite: POLS 1030 and POLS 1100 or consent of instructor	3
Public Adm & Public Policies	4610	x				x			Prerequisite: POLS 1000 or consent of instructor	3

<b><u>PSYCHOLOGY</u></b>		<b><u>PSY</u></b>									
<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>	
Psychology of Personality (TN eCampus)	3590	x	x	x	x	x	x	x	Summer, Online only, Prerequisite: PSY 1030	3	
Psychology of Personality	4150		x	x		x		x	Summer, Prerequisite: PSY 20010	3	

<b><u>SOCIOLOGY</u></b>		<b><u>SOC</u></b>									
<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>	
Intro to Sociology	1010	x	x	x	x	x	x	x	Summer	3	
Environmental Sociology	3600		x		x		x	x			
Rural Sociology	3720		x		x		x		Prerequisite: SOC 1010 or 1100 or consent	3	
Cross Cultrual Comm. & Cultural Diversity	4090		x		x		x		Prerequisite: SOC 1010 or 1100 or consent	3	
Population & Social Process (TN eCampus)	4330	x							Not currently offered	3	
Social Movements & Social Change	4860								Not currently offered	3	

<b><u>SPEECH</u></b>		<b><u>SPCH</u></b>									
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Organizational Comm. (Now COMM 2075)	2000	x	x	x	x	x	x	x		3	
Fundamentals of Comm. (Now COMM 2025)	2410	x	x	x	x	x	x	x	Summer	3	
Intercultural Communication (Now COMM 3620)	3620	x	x	x	x	x	x			3	
Advanced Organizational Communication (Now COMM 4420)	4410				x				Prerequisite: Upper-division status	3	
Persuasion (Now COMM 4630/5630)	4630	x		x		x			Prerequisite: SPCH 2410 or COMM 2025 or consent of instructor	3	

<b><u>WEB DESIGN</u></b>		<b><u>WEBD</u></b>									
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Introduction to Web Design	1500									3
Web Site Design: Dynamic Sites	2300								Prerequisite: WEBD 1500	3

**WILDLIFE & FISHERIES SCI. WFS**

<i>Course Description</i>	<i>Course #</i>	<i>Fall 23</i>	<i>Spring 24</i>	<i>Fall 24</i>	<i>Spring 25</i>	<i>Fall 25</i>	<i>Spring 26</i>	<i>Fall 26</i>	<i>Notes</i>	<i>Credits</i>
National Wildlife Policy	4500	x		x		x		x	8 semester hours of Biology	3
Conservation Biology	4730		x		x		x		Prerequisite: BIOL 3130 or WFS 3130	3