ESS Course Projections: Fall 2021-Fall 2024

AGRIBUSINESS ECONOMICS AGBE

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
World Food and Society	2010	X	X	X	X	X	X	X	Summer	3
Agriculture and Business	4130		X		X		X		Prequesite: AGBE 2100	3

AGRICULTURAL ENGR. TECHNOLOGY AGET

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Agricultural Engineering Technology	2110	X	X	X	X	X	X	X	Corequisite: AGET 2115	2
Agricultural Engineering Technology	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		X		X	Prerequisite: AGET 2110	3
Agricultural Processing	4720								Randomly	3

HORTICULTURE AGHT

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Dendrology	3450	X		X		X		X	Prerequisite: BIOL 2110	3

AGRONOMY AGRN

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Soils	2300	X	X	X	X	X	X	X		3
Soils Chemical Properties	2310	X	X		X		X		Prerequisite: CHEM 1020, CHEM 1120, or consent of instructor / Corequisite: AGRN 2300	1
Environmental Soil Science	3350	X							Prerequisite: AGRN 3210, 3220	4
Soil Fertility & Fertilizers	4210		X		X		X		Prerequisite: AGRN 3210, 3220 or consent	3
Environmental Soil Chemistry	4220	X							Prerequisite: AGRN 3210, 3220 or consent	3

BIOLOGY BIOL

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
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	X	X	X	X	X	X	X	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		X		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				X		Perequisite: Junior Standing	3
Plant Ecology	4330	X				X			3130	3
Invertebrate Zoology	4610	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	4
Ichthyology	4810	X		X		X		X	Prerequisite: Junior Standing	3
Mammaology	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				X		Consent of Instructor	3

BUSINESS MANAGEMENT BMGT

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Management & Organization Behavior	3520	X	X	X	X	X	X	X	Summer	3

CIVIL ENGINEERING CEE

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Environmental Engineering	3413	X	X	X	X	X	X	X	Prerequisites: CHEM 1120 and MATH 2110	3
Solid & Hazardous Waste	4410	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 21***	***Spring 22***	***Fall 22***	***Spring 23***	***Fall 23***	***Spring 24***	***Fall 24***	***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 21***	***Spring 22***	***Fall 22***	***Spring 23***	***Fall 23***	***Spring 24***	***Fall 24***	***Notes***	***Credits***
Organizational Communication (SPCH 2000)	2075	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	X		3
Advanced Org. Communication (SPCH 4410)	4420		X		X		X		Prerequisite: Upper-division status	3
Persuasion (SPCH 4630/COMM 5630)	4630	X		X		X		X	Prerequisite: SPCH 2410 or COMM 2025 or consent of instructor	3

ECONOMICS	ECON									
Course Description	***Course #***	***Fall 21***	***Spring 22***	***Fall 22***	***Spring 23***	***Fall 23***	***Spring 24***	***Fall 24***	***Notes***	***Credits***
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

ENGLISH ENGL

Course Description	*Course #*	*Fall 21*	*Spring 22*	*Fall 22*	*Spring 23*	*Fall 23*	*Spring 24*	*Fall 24*	*Notes*	*Credits*
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	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		X		X		Prerequisites: ENGL 1010 and ENGL 1020 and one course from ENGL 2130, ENGL 2230, or ENGL 2330	3

ENVIRONMENTAL & SUSTAINABILITY STUDIES ESS

Course Description	*Course #*	*Fall 21*	*Spring 22*	*Fall 22*	*Spring 23*	*Fall 23*	*Spring 24*	*Fall 24*	*Notes*	*Credits*
Connections to Env. & Sust. Studies	1020	X		X		X		X		1
Intro to Environmental Studies	1100		X		X		X		Summer	3
Intro to Environmental Law	3000		X		X		X		Prerequisite: Junior standing or consent	3
Chemistry and the Environment	3710		X		X		X		Prerequisite: CHEM 1010	3
Society & the Env: Capstone Exp. Part	4001	X		X		X		X	Prerequisite: Senior standing	3
Society & the Env: Capstone Exp. Part	4002		X		X		X		Prerequisite: ESS 4001	3
Environmental Mgmt. Systems	4300	X		X		X		X		3
Internship	4900	X	X	X	X	X	X	X	As needed, 9 hours, Junior + H88 (+ Summer)	3

GEOLOGY GEOL

Course Description	*Course #*	*Fall 21*	*Spring 22*	*Fall 22*	*Spring 23*	*Fall 23*	*Spring 24*	*Fall 24*	*Notes*	*Credits*
Earth Environment, Resources &	1045	X	X	X	X	X	X	X	Summer	4
Earth Evolution & Life History	2000		X				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

GEOGRAPHY — GEOG

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
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		X		3
World Regional Geography (replaces	2010	X	X	X	X	X	X	X	Summer, TNeCampus (Online only)	3
Into to Meterology (replaces GEOG	2100								Summer online	4
Water Resources	3200		X		X		X			3
Theory of GIS, I	4510	X		X		X		X	Consent of instructor	3
Theory of GIS, II	4511		X		X		X		Prerequisite: GEOG 4510	3
Environmental Applications of GIS	4650	X		X		X		X	Prerequisite: GEOG 4510	3

HISTORY — HIST

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Early United States History	2010	X	X	X	X	X	X	X	Summer	3
Modern United States History	2020	X	X	X	X	X	X	X	Summer	3
Environmental History	3900	X		X		X		X		3

JOURNALISM — JOUR

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Mass Communication in a Changing	2200	X	X	X	X	X	X	X		3
Introduction to Public Relations	3460	X	X	X	X	X	X	X	Prerequisite: JOUR 2200	3

MATHEMATICS — MATH

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
College Algebra	1130	X	X	X	X	X	X	X	Summer	3
Applied Calculus	1830	X	X	X	X	X	X	X	Summer, ACT 25+ (see course catalog)	3
Calculus I	1910	X	X	X	X	X	X	X	Summer, ACT 27+ (see course catalog)	4
Calculus II	1920	X	X	X	X	X	X	X	Summer, Prerequisite: MATH 1910 C or better or AP credit for MATH 1910	4
Statistical Methods	3070	X	X	X	X	X	X	X	Summer, ACT 19+ or C or better in MATH 1130 or MATH 1710	3

eCampus	PADM									
Course Description	***Course #***	***Fall 21***	***Spring 22***	***Fall 22***	***Spring 23***	***Fall 23***	***Spring 24***	***Fall 24***	***Notes***	***Credits***
Intro to Nonprofit Organizations	4226	X	X	X	X	X	X	X	Summer, TNeCampus (Online Only)	3

PROFESSIONAL COMM.	PC									
Course Description	***Course #***	***Fall 21***	***Spring 22***	***Fall 22***	***Spring 23***	***Fall 23***	***Spring 24***	***Fall 24***	***Notes***	***Credits***
Communicating in the Professions	2500		X		X		X		Summer, Pre- or corequisite: ENGL 1020	3
Professional Communication I	3250	X		X		X		X	Prerequisite: ENGL 1020	3
Information Design in the Professions	3700		X		X		X		Prerequisite: ENGL 3250 or PC 3250	3
Professional Communication II	4970		X		X		X		Prerequisite: ENGL 3250 or PC 3250	3

PHILOSOPHY	PHIL									
Course Description	***Course #***	***Fall 21***	***Spring 22***	***Fall 22***	***Spring 23***	***Fall 23***	***Spring 24***	***Fall 24***	***Notes***	***Credits***
Intro to Philosophy	1030	X	X	X	X	X	X	X	Summer, Prerequisite: two semesters completed	3

PHYSICS	PHYS									
Course Description	***Course #***	***Fall 21***	***Spring 22***	***Fall 22***	***Spring 23***	***Fall 23***	***Spring 24***	***Fall 24***	***Notes***	***Credits***
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	X	X	X	X	X	X	Summer, Prerequisite: MATH 1920	0

POLITICAL SCIENCE	POLS									
Course Description	***Course #***	***Fall 21***	***Spring 22***	***Fall 22***	***Spring 23***	***Fall 23***	***Spring 24***	***Fall 24***	***Notes***	***Credits***
American Government	1030		X		X		X		Summer	3
Introduction to Latin American Politics	3300								Not currently offered	3
Legislative Process	3700	X		X		X		X	Prerequisite: POLS 1030 and POLS 1100 or consent of instructor	3
Public Adm & Public Policies	4610	X				X			Prequisite: POLS 1000 or consent of instructor	3

PSYCHOLOGY — PSY

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
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	X	X	X	Summer, Prerequisite: PSY 20010	3

SOCIOLOGY — SOC

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Intro to Sociology	1010	X	X	X	X	X	X	X	Summer	3
Environmental Sociology	3600		X		X		X			
Rural Sociology	3720		X		X		X		Prerequisite: SOC 1010 or 1100 or consent	3
Cross Culutral Comm. & Cultural Diversity	4090		X		X		X		Prerequisite: SOC 1010 or 1100 or consent	3
Population & Social Process (TN	4330								Not currently offered	3
Social Movements & Social Change	4860								Not currently offered	3

SPEECH — SPCH

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Organizational Comm. (Now COMM	2000	X		X		X		X		3
Fundamentals of Comm. (Now COMM	2410	X	X	X	X	X	X	X	Summer	3
Intercultural Communication (Now	3620	X	X	X	X	X	X	X		3
Advanced Organizational Communication (Now COMM 4420)	4410		X		X		X		Prerequisite: Upper-division status	3
Persuasion (Now COMM 4630/5630)	4630	X		X		X		X	Prerequisite: SPCH 2410 or COMM 2025 or consent of instructor	3

WEB DESIGN — WEBD

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
Introduction to Web Design	1500									3
Web Site Design: Dynamic Sites	2300								Prerequisite: WEBD 1500	3

WILDLIFE & FISHERIES SCI. — WFS

Course Description	Course #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Notes	Credits
National Wildlife Policy	4500	X		X		X		X	8 semester hours of Biology	3
Conservation Biology	4730		X		X		X		3130	3