

Approval Chart for Curriculum Changes

A = Approve I= Information Item¹ R= Advise & Respond²

Course Number AENV 110 or Degree Plan(s) _____

State the requested change and reason. A memo may be attached if more space is necessary.

Current course description: Overview of global agricultural and environmental systems from a Christian worldview. Departmental expectations, career opportunities, and student outcomes portfolios are introduced. Students gain exposure to software packages used in the A&E curriculum and emerging technology. Laboratory graded and credited with course. Course fee.

New course description: An introduction to agricultural and environmental systems emphasizing Christian stewardship. Additional discussions will include department and university resources, professional development, and career opportunities. Laboratory graded and credited with course. Course fee.

Please see the attached memo for the old course outcomes and the revised course outcomes.

Circle the number that corresponds to the requested change. Degree plan changes are on the second page.

		COUNCIL ³						
		Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD
Change to a Course								
1.	Title (description unchanged)	A	A	A		I		I
2.	<u>Description (not affecting content)</u>	A	A	A		I		I
3.	Course term(s)	A	I	A		I		I
4.	<u>Content (substantive change)</u>	A	A	A		I		A
5.	Number of hours (lecture, lab, contact)	A	A	A		A		A
6.	Course number within the hundred	A	A	I		I		I
7.	Course number beyond the hundred	A	A	A		A		A
8.	Prerequisites	A	A	A		I		I
9.	Course fee(s)	A	--	A		--		A
10.	From U to G or G to U	A	A	A		A		A
11.	Cross list with another department: U or G level	A	A	A		A		A
12.	Department of record	A	A	A		A		A
13.	Open or close a course	A	A	A		A		A
14.	New course — See website for application and process. This change includes combining or splitting a course(s).	A	A	A		A		A

Note: When an academic unit does not have a council, the UGEC and/or UUAC will serve as its academic council, depending on the nature of the issue.

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		COUNCIL ³										President	Faculty	Provost	GRAD	UUAC	UCEC	TEC	Deans	College Academic	Dept./School	Change to a Degree Plan
1.	University Requirements — Change in approved course content ⁶	A	A	A	A				A	--	A											--
2.	University Requirements — Add or drop a required course from the University Requirements chart ⁶	A	A	A	A				A		A	A										--
3.	University Requirements — Add or drop a course from a menu within the University Requirements ⁶	A	--	--	A				A	--	A											--
4.	University Requirements — Change hours within a menu on the University Requirements chart ⁶	A	A	A	A				A		A	A										--
5.	Major — Revision of major ^{4,5}	A	A	A	A				A	--	A											--
6.	Major — Adopt or change admission requirements	A	A	A	A				A	--	A											--
7.	Major — Add ^{4,5}	A	A	A	A				A	A	A											I
8.	Major – Discontinue (proposed by the department or college)	A	A	A	A				A	A	A											I
9.	Major – Discontinue (proposed by the Provost)	See below.																				
10.	GPA — Revise major or cumulative requirement	A	A	A	A				A		A											--
11.	Minor — Revise course selection	A	A	A	I				I	--	I											--
12.	Minor — Add	A	A	A	A				A	--	A											--
13.	Minor – Discontinue (proposed by the department or college)	A	A	A	A				A	--	A											--
14.	Minor – Discontinue (proposed by the Provost)	See below.																				
15.	Degree — Add	A	A	A	A				A		A	A										I
16.	Degree – Discontinue (proposed by the department or college)	A	A	A	A				A		A	A										I
17.	Degree – Discontinue (proposed by the Provost)	See below.																				
18.	Any change to a graduate degree program	A	A	A	A				A	--	A											--

COUNCIL ³									
Board of Trustees	President	Faculty	Graduate	UUAC	TEC	Dean	Department	Provost	Provost-Proposed Change
I	A	A	A			R	R	A	1. Major/Graduate Program – Discontinue (proposed by the Provost)
--	A	--	A			R	R	A	2. Minor – Discontinue (proposed by the Provost)
I	A	A	A			R	R	A	3. Degree – Discontinue (proposed by the Provost)

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		COUNCIL ³								
	Change to the Catalog Information	Dept./School	College Academic	Deans	UGEC	UUAC	GRAD	Provost	Faculty	President
1.	General requirements for graduation including course requirements that are common to all majors for all degrees ⁷	--	--	--	A			A	A	A
2.	Admission requirements	--	--	--	A			A	A	A
3.	Policies governing academic probation and suspension	--	--	--	A			A	A	A
4.	Requirements for graduating with honors	--	--	--	A			A	A	A

¹ Councils may request additional information about "Information" items. These items are approved as "Consent Agenda."

² The Dean and Department should respond to the Provost's recommendation to close a program in writing. Advise & Respond (R) requires that the voting body should receive the written responses at least one week prior to the vote.

³ All courses that meet University Requirements for general education must go through UGEC. Courses or degrees offered only to students seeking teacher certification must go through the Teacher Education Council. All undergraduate changes must go before the UUAC. All graduate degree plan changes must go through the Graduate Council.

⁴ A minimum of 30 hours is required for a major. A maximum is specified for each degree (e.g., BA, BS). The university minimum for elective hours is 6, unless the requirements of external accrediting bodies make it impossible.

⁵ Program or course changes that apply to any major that includes Teacher Certification will be reviewed by the college, the Teacher Education Council (TEC), and then the UUAC.

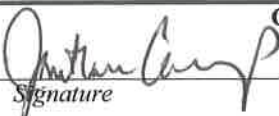
⁶ Courses that satisfy ACU's University Requirements (General Education) will normally have lower-level numbering, be free of prerequisites and co-requisites, appeal to more than one or two majors, and "not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession" (SACS 2.7.3). Departments may request exceptions to the first three criteria.

⁷ The UUAC approved the clarification that "general requirements for graduation" means the enumerated items in the "General Requirements for Bachelor's Degrees" section of the catalog.

Revised 8-26-19

Curriculum/Catalog Changes Signature Page

Department/School Chair(s)	
 Signature	09/10/2019 Approval date
_____ Signature	_____ Approval date

College Academic Council(s)	
 Signature	11-15-19 Approval date
_____ Signature	_____ Approval date

Dean(s)	
 Signature	12/3/19 Approval date
_____ Signature	_____ Approval date

Teacher Education Council	
_____ Chair's signature	_____ Approval date

General Education Council	
_____ Chair's signature	_____ Approval date

Undergraduate Academic Council	
_____ Chair's signature	_____ Approval date

Graduate Council	
_____ Chair's signature	_____ Approval date

Provost	
_____ Signature	_____ Approval date

Faculty	
_____ Chair of faculty senate	_____ Approval date

President	
_____ Signature	_____ Approval date

AENV 110

Old outcomes:

	Course Outcome	Measurement Instrument
1.	Communicate basic knowledge about the discipline effectively in written format.	Assessment of this knowledge base is accomplished by multiple choice and/or short essay exams.
2.	Identify aspects of agricultural and environmental careers that are compatible and incompatible with your personal style and behavior characteristics (or preferences).	The course instructor will evaluate portfolio design, future academic goals, and career plan as to initial completeness.
3.	Implement technological resources to access and manipulate data relevant to agricultural and environmental systems.	Competency is demonstrated by satisfactorily completing laboratory assignments.
4.	Apply global perspectives and social sensitivity to discussions and/or decision-making processes in the field.	This is demonstrated through class discussions and brief written reflective papers.
5.	Demonstrate qualities of good citizenship through service related to agricultural and environmental systems.	This is measured by completing four hours of service in course specified and/or selected activities. A reflective paper is required.
6.	Interpret problems and solutions in the field using a Christian worldview.	This is demonstrated through class discussions and brief written reflective papers.

Revised outcomes:

	Course Outcome	Measurement Instrument
1.	Identify the AES department mission, majors, clubs, and faculty	Lab assignment
2.	Identify career and post graduate opportunities	Exams, Lab assignments
3.	Develop a professional resume and other documents	Project, Lab assignments
4.	Apply the scientific method to agricultural and environmental sciences	Exams, Lab assignments
5.	Evaluate current agricultural and environmental issues based on scientific research and develop a personal ethical stance on them	Exams, Group project
6.	Articulate how a biblical perspective shapes one's views on agricultural and environmental sciences	Writing assignment

Course number and title: AENV 110 – Introduction to Agriculture and Environmental Systems and Technology

About the Course: An introduction to agricultural and environmental systems emphasizing Christian stewardship. Additional discussions will include department and university resources, professional development, and career opportunities. Laboratory graded and credited with course. Course fee.

Credit hours: 3 hours

Semester and year: Fall 2019

Meeting time and place: Lecture: Monday and Wednesday 10:00-10:50 a.m. Onstead Science Center (OSC) RM 265; Lab: Tuesday 1:30-3:20 or 3:30 – 5:20 p.m. OSC 265

Prerequisites/corequisites: None

Intended audience: This class is designed for incoming ACU students in the Agricultural and Environmental Sciences Department (AES) and is intended to be an introduction to the department, agriculture, and the environment.

Instructional Materials

Textbook: None.

Other materials: Additional materials will be provided to the class through Canvas.

About the Teachers

Professor	Dr. Adam McGee	Dr. Kendra Jernigan
Title	Assistant Professor of Animal Science	Assistant Professor of Environmental Science
Office location	OSC 145B	OSC 145C
Phone number	325-674-2167	325-674-2101
Email address	alm18f@acu.edu	kendra.jernigan@acu.edu
Office hours	Tuesdays 9:30am-11am Thursdays 9:30am-11am & 1pm-5pm	Monday: 8am-10am & 1pm-2pm Tuesday: 8am-9am Wednesday: 8am-10am Friday: 9am-10am

Email is the best way to contact us as we will not be in our offices all the time. We both have an open door policy, so if we are in our offices please feel free to stop and talk. If you have questions about the material presented in class please contact one of us well in advance of any assignment due dates to make sure that we are able to find a time to meet. If you miss class due to a University-approved reason, please contact us beforehand to account for any missed work.

Mission Statements

ACU Mission: The mission of Abilene Christian University is to educate students for Christian service and leadership throughout the world.

College of Arts and Sciences Mission: To educate students for worldwide Christian service and leadership through programs of study and other learning experiences that blend a liberal arts education with professional and career education.

Agriculture and Environmental Sciences Mission Statement: To educate students for Christian stewardship of sustainable agricultural and environmental systems throughout the world.

Unique Christian Perspective: We have been given the unique responsibility of providing for all animals and caring for the land (Genesis 1:26-30). During this semester, we will explore the concept of Christian stewardship and how it relates to resources under our management.

Format of Class

Format of Class: This class will provide a basic overview of Agricultural and Environmental Sciences. The format of this class includes a lecture and lab component, and you are expected to attend both. In lecture we will spend time with class discussion, lectures, and small group activities, whereas labs will be more hands on and include field trips, guest speakers, and other activities to complement lecture material.

Learning Outcomes

	Competency	Measurement Instrument
1	Identify the AES department mission, majors, clubs, and faculty	Exams
2	Identify career and post graduate opportunities	Exams, Lab assignments
3	Develop a professional resume and other documents	Project, Lab assignments
4	Apply the scientific method to agricultural and environmental sciences	Exams, Lab assignments
5	Evaluate current agricultural and environmental issues based on scientific research and develop a personal ethical stance on them	Exams, Group project
6	Articulate how a biblical perspective shapes one's views on agricultural and environmental sciences	Personal position paper

Expectations

This semester we will have the opportunity to study and learn together. In order to ensure that everybody understands what is expected of them for this course we have included our expectations of you during class as well as what you can expect from us.

Expectations of Students:

- Be on time to class/lab and prepared to learn.
- Be respectful to both us and your fellow classmates. We are all human and will make mistakes as well as have varying levels of previous experiences that shape our understanding and knowledge of the subject. Please allow everybody in the class the opportunity to make mistakes as well as be understanding with those who may not have the same experiences that you have.
- Spend the appropriate amount of time to complete your assignments and study for this class. The assignments in this class are designed to help improve your understanding of the content and will help with your grades in this class.
- Correspondence with us and your fellow classmates should be appropriate and professional at all times.
- Be dressed appropriately for class and lab.
- While indoors, hats should not be worn.

Expectations of the Instructor:

- We will respond to emails within a timely manner. During the week, we will reply to emails within 24 hours. To maintain a balance between work and home, we will not regularly reply to emails in the evening or on the weekend.
- We will respect you and your desire to learn. If there is something that you do not understand please ask so we can reword or spend additional time on a subject to ensure that all content is clearly understood. You are taking this course to learn and it is our responsibility to afford you every opportunity to be successful.
- We will be prepared and on time to class. It is disrespectful to you if we are not prepared and on time for class, as such we will make every effort to be on time and prepared for class just as we expect you to be.
- We will make every effort to return assignments and tests to you within 2 weeks of the due date. It is important for you to have assignments returned to you in a timely manner to assist with studying course content.

Assessment and Grading

Attendance and Participation	50 pts
Take home exams (3 per semester)	300 pts
Lab assignments (13 total, drop the lowest 3)	200 pts
Group Project	150 pts
Personal position paper	100 pts
Total	800 pts

Grading Scale in points: 720-800	90-100%	A
640-719	80-89%	B
560-639	70-79%	C
480-559	60-69%	D
0-479	0-59%	F

Rules for discussing grades: If you have a question about grades on an assignment or your grade in the class please set up an appointment with one of us to discuss your grade. Setting an appointment allows us to be better prepared to discuss your grades and make the meeting more beneficial for both of us. Rather than waiting until the end of the semester, if you have questions about your grades please come and visit with us early in the semester while there is still time to improve before the end of the semester.

Assignments received late will be assessed a penalty, the severity of which will depend on the degree to which the assignment is late. Typically, 10% of the total possible grade will be deducted for each day the assignment is late (i.e. a 50 point report would be docked 5 pts. per day).

Makeups: It is the student's responsibility to make up all missed work. Any make-up work (including for excused absences) must be completed **within one week of the original due date**. Exams, or other class assignments missed due to an unapproved reason cannot be made up.

Extra Credit: There may be random extra credit points available throughout the semester. **These will be the only opportunities for extra credit in this course.**

Technology use : While technology can be a very useful tool for many tasks, it can also be very distracting both to you and to those students around you. Those of you who prefer to take notes on a laptop or tablet are free to do so, however, if it becomes disruptive to the class you will be asked to put it away for the remainder of the class.

Assignment Details:

Attendance and Participation: Attendance in class and lab is expected and attendance will be taken in class each day. After 3 unexcused absences, 5 pts will be deducted for each subsequent absence and 3 tardies = 1 unexcused absence. (You are considered tardy if you are not in your seat by the start of class time.) Points will also be deducted for lack of participation in class discussions or activities.

Exams: There will be 3 open book, open note, take-home exams positioned throughout the class period. They will cover the material discussed in class and lab since the previous exam. Exam questions will generally be short answer or essay type question. Unless explicitly indicated, exams are to represent your own personal work and are not to be discussed with other students, peers, or professors.

Lab assignments: Each lab will include a lab assignment that should be submitted to canvas before the beginning of the following lab. Lab assignments will vary with lab and will range from personal response papers to resumes. Each lab assignment, unless explicitly indicated, should represent your own work. You are allowed to work in groups on these assignments, but they should not be direct copies.

Group project: The group project will include a group presentation and paper discussing a current event of your choosing within agricultural or environmental science. You will be expected to discuss both sides of the issue, state and defend your chosen position using scientific evidence.

Personal position paper: This paper will allow you to describe your personal opinion of Christian stewardship and how your worldview shapes your attitude and the actions that you take. Your position should be formulated over the entire semester and will serve as the final project for this class.

University Policies

ADA compliance:

Abilene Christian University is dedicated to removing barriers and opening access for students with disabilities in compliance with ADA and Section 504 of the Rehabilitation Act. The Alpha Scholars Program facilitates disability accommodations in cooperation with instructors. In order to receive accommodations, you must be registered with Alpha Scholars Program, and you must complete a specific request for each class in which you need accommodations.

If you have a documented disability and wish to discuss academic accommodations, please call our office directly at (325) 674-2667 or email our compliance coordinator, Scott Self, at jss00c@acu.edu.

Academic integrity is defined as academic work completed as assigned for each class by the individual or group responsible for the work. Violations of academic integrity and other forms of cheating involve the intention to deceive, mislead, or misrepresent and therefore, are a form of lying. Such actions are contrary to behavioral norms that flow from the nature of God. Academic misconduct includes, but is not limited to, the following: 1) Failure to give credit to sources used in a work in an attempt to present the work as one's own, 2) Submission of papers or projects obtained from another source (e.g., research service or club paper file) as one's own, and 3) Falsifying information orally or in writing. Academic misconduct may result in, but is not limited to, a zero on the assignment and/or an F in the course. Additionally, the department chair, Dean of your school, and the Dean of Student Life will be notified. See the full university policy, including how to appeal a decision, by following [this link](#).

Harassment policy: "As a Christian community, Abilene Christian University has committed itself, unequivocally, to ensuring a working and learning environment in which the dignity of every individual is respected. Harassment is defined as unwelcome behavior or conduct based on sex, religion, race, age, color, national origin, veteran's status, disability, or any other characteristic protected by law when (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment, education, or participation in University programs or activities, (2) submission to, or rejection of, such conduct by an individual is used as the basis for a decision affecting an individual's employment, education, or participation in University programs or activities, or (3) such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creating an intimidating, hostile, or offensive environment for work, education, or participation in a University program or activity. See the full university policy by following [this link](#).

Title IX: As professors, one of our responsibilities is to help create a safe learning environment on our campus. We also have a mandatory reporting responsibility related to our role as a professor. It is my goal that you feel able to share information related to your life experiences in classroom discussions, in your written work, and in our one-on-one meetings. I will seek to keep the information you share private to the greatest extent possible. When I am not able to keep your information confidential, I will only share it with responsible administrators on campus who can provide you with services and resources. I am required to share with the Title IX Coordinator

information regarding sexual misconduct or harassment, dating or domestic violence or stalking that you report to me. If you would prefer to share information in a confidential setting, I encourage you to speak with someone in the ACU Counseling Center. All of your options are available for review by clicking on the link to ACU's policy.

FERPA: “The Family Educational Rights and Privacy Act” affords the student certain rights with respect to student records.” Refer to the ACU course catalog for a more thorough discussion.

Calendar

Below is a tentative calendar of topics and test dates for this class. This is only a tentative schedule and will be modified throughout the semester. When significant changes are made i.e. moving of tests, we will let you know at least 1 class period in advance.

Lecture Calendar

Date	Week	Topic	Assignments
8/26	1	Syllabus and Introductions	
9/2	2	Environmental Science and Wildlife	
9/9	3	Animal Science and Agribusiness	
9/16	4	Biblical Worldview	End of Material for Exam 1
9/23	5	History of Agriculture	Exam 1 Due 9/25 @ 11:59 pm
9/30	6	History of Environmental Science	
10/7	7	Green Revolution and Dust Bowl	End of material for Exam 2
10/14	8	Current Issues in Agriculture	Exam 2 due 10/16 @ 11:59 pm
10/21	9	Current Issues in Environmental Science	
10/28	10	Scientific Methods	
11/4	11	Research Methods	
11/11	12	Professional Development	End of material for Exam 3
11/18	13	Internships	Exam 3 due 11/20 @ 11:59 pm
11/25	14	Internships	
12/2	15	Thinking about the future	
12/10	Finals	Final 10:00 – 11:45	Position Paper due

Lab Calendar

Date	Week	Topic	Assignments Due
8/27	1	Rhoden Farm Tour	
9/3	2	Environmental Science	Rhoden Field lab
9/10	3	ANSC and AGR	Environmental Science lab
9/17	4	Brown Library and McDaniel House Tour	Animal Science and Agribusiness lab
9/24	5	History of Agriculture	Brown Library and McDaniel House Tour lab
10/1	6	History of Environmental Science	History of Agriculture lab
10/8	7	Service Project	History of Environmental Science lab
10/15	8	Grocery Store Scavenger Hunt	Service Project
10/22	9	Ecological Footprint	Grocery Store Scavenger Hunt lab
10/29	10	Writing Styles	Ecological Footprint lab
11/5	11	Using Excel	Writing Styles lab
11/12	12	Resumes	Using Excel lab
11/19	13	Internships	Resume
11/26	14	No Lab	No lab assignment
12/3	15	Current Event presentation	Internship lab