

Approval Chart for Curriculum Changes

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

Course Number ANSC 483 or Degree Plan(s) _____

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

We wish to change the hours of the lecture to 2 hours, and the lab to 3 hours. The total credit hours of the lecture/lab will remain at 3.

See attached memo for changes to course description, hours, prerequisites, and student learning outcomes.

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

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

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										
	Change to a Degree Plan	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	Provost	Faculty	President	Board of Trustees
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	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										
	Provost-Proposed Change	Provost	Department	Dean	TEC	UUAC	Graduate	Faculty	President	Board of Trustees
1.	Major/Graduate Program – Discontinue (proposed by the Provost)	A	R	R	A			A	A	I
2.	Minor – Discontinue (proposed by the Provost)	A	R	R	A			--	A	--
3.	Degree – Discontinue (proposed by the Provost)	A	R	R	A			A	A	I

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COUNCIL³

	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	09/09/2019 Approval date
_____ Signature	_____ Approval date

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

Dean(s)	
 Signature	12/13/19 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

ANSC: 483

Ruminant Livestock Production

Old	New
Course Description	
Structure of the ruminant industry in Texas and the United States. Physiology of ruminants, management practices, including breeds and breeding, feeding, health and disease prevention and control, housing and waste management. Systems of production for beef and dairy cattle, sheep and goats. Lecture Hours: 3, Lab Hours: 0, Credit Hours: 3	Detailed discussion of modern ruminant production methods. Topics will include industry dimensions and structure, current management practices, breeding plans, nutrient requirements, physiology, health, and disease prevention and control. Prerequisite: ANSC 111. Lecture Hours: 2, Lab Hours: 3, Credit Hours: 3

Old Student Learning Outcomes
Analyze the role of ruminant livestock in the production of food and fiber for mankind
Justify appropriate management procedures in a cattle or small ruminant enterprise that are vital for efficient and profitable production.
Differentiate between the various segments of the cattle, sheep and goat industry respectively
Prescribe appropriate dietary requirements, and proper feeding techniques for cattle and small ruminants respectively.
Develop critical thinking skills as well as improve written and oral presentation skills

New Student Learning Outcomes	
Competency	Measurement Instrument
Discuss common management practices and current issues facing the beef, sheep, and goat industries	Presentation Paper Exam
Integrate and apply scientific principles of physiology, nutrition, health, reproduction, and basic management practices in ruminant production and management.	Paper
Independently perform and explain key technical skills required in beef, sheep, and goat production.	Lab
Be able to describe and evaluate common management practices	Exam Quizzes Lab
Be able to describe the ruminant industry structure and their role in agricultural production	Exam Quizzes

ANSC 483

Ruminant Livestock Production

Course Description

Detailed discussion of modern ruminant production methods. Topics will include industry dimensions and structure, current management practices, breeding plans, nutrient requirements, physiology, health, and disease prevention and control. Prerequisite: ANSC 111. Lecture hours 2, Lab hours: 3, Credit hours: 3

Course number and title: ANSC 483 – Ruminant Livestock Production

Credit hours: 3 hours

Semester and year: Spring 2019

Meeting time and place: Lecture: Mon, Wed: 10:00-10:50 a.m. OSC RM 261; Lab 2-5 Rhoden Field Lab

Prerequisites: ANSC 111

About the Teacher

Dr. Adam McGee, Assistant Professor of Animal Science.

OSC 145b

(325) 674-2167

alm18f@acu.edu

Office hours: Mon 8:00 – 9:00 am, Tue 9:30 – 11:00 am, Wed 8:00 – 9:00 am and 1:00 to 5:00 pm. CST or by appointment.

The best way to contact me is through email as I will not always be in my office. I have an open door policy, if I am in my office feel free to stop and talk. If you have a question about your overall grade or your grade on an assignment I would prefer that you set up an appointment so that I have time to prepare.

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 (Genesis 1:26-30). I take this responsibility very seriously and throughout the semester as we discuss the management practices within each species we will also discuss how this impacts the wellbeing of the animal and its impact on our responsibility to care for the animals.

Format of Class

Format of Class: This class is designed to cover the production of all ruminant animals. We will spend the first part of the class discussing the Beef cattle industry followed by the sheep and goat industry. We will wrap up the semester discussing pasture and forage management and diseases. There are many different ways to raise and manage ruminant animals, therefore this class will involve a lot of discussion to help students understand the benefits and downsides of the management practices and be able to choose what method fits with their system. This class will involve several presentations, current event reports, as well as field tours.

Instructional Materials

Recommended Textbooks:

Field, Thomas G. 2018. Beef Production and Management Decisions 6th ed. Pearson Publishing. New York, New York. ISBN: 9780134602691

Sheep Production Handbook. 2015. 8th ed. American Sheep Industry Association. Denver, CO.

Other materials: This class will have several outside readings from Scientific Journals and popular press these and additional materials will be provided to the class through Canvas.

Learning Outcomes

Course goal: Students will be able to describe and evaluate production methods associated with the modern production of beef cattle, sheep, and goats.

Competencies: At the conclusion of the semester students will be able to:

	Competency	Measurement Instrument
1	Discuss common management practices and current issues facing the beef, sheep, and goat industries.	Presentation, paper, and exam
2	Integrate and apply scientific principles of physiology, nutrition, health, reproduction, and basic management practices in ruminant production and management.	Paper
3	Independently perform and explain key technical skills required in beef, sheep, and goat production.	Lab
4	Be able to describe and evaluate common management practices	Exam, quizzes, and lab
5	Be able to describe the ruminant industry structure and their role in animal agriculture.	Exam and quizzes

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 I have included what I expect from you in my class as well as what you can expect from me.

Expectations of Students:

- I expect you to be on time to class and prepared to learn.
- I expect you to be respectful to both myself 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.
- I expect you to spend the 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
- As a form of respect, please remove hats and caps during class time.

Expectations of the Instructor:

- I will respond to emails within a timely manner. I will reply to emails during the week within 24 hours. To maintain a balance between work and home, I will not regularly reply to emails in the evening or on the weekend.
- I will respect you and your desire to learn. If there is something that you don't understand please ask so I 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 my responsibility to afford you every opportunity to be successful.
- I will be prepared and on time to class. It is disrespectful to you if I am not prepared and on time for class, as such I will make every effort to be on time and prepared for class just as I expect you to be.
- I will 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 so that you can learn what areas you need to spend more time studying and what areas you have a good understanding of.

Assessment and Grading

Assessment activities: This class will have several forms of assessment. There will be 4 section exams throughout the semester with the final exam covering the 4th section of material. There will be 7 open book quizzes throughout the semester with the lowest 2 scores being dropped from the final grade. There will be three 7-10 min presentations covering Beef breeds, Sheep Breeds, and Diseases as well as 4 papers, 2 covering current events and 2 over the tours taken during class. The final project will be a culmination of what has been learned over the semester and will allow you to demonstrate your ability to form an opinion and demonstrate your understanding of the content in a real world setting. Labs will be held at the Rhoden Field lab each week and will provide the opportunity to learn and utilize technical skills required for ruminant production.

Example:

Assessment Activities	Grades Possible
Attendance/Participation	50
Quizzes	150
Presentations	150
Current Event Papers	50
Tour Papers	50
Exams	400
Lab assignments	100
Final Project	200
Total	1150 (without bonus)

Final grade calculation: Grades will be assigned based on the standard grading format below.

Range of Points	Final Letter Grade
90%-100%	A
80%- 89%	B
70%-79%	C
60%-69%	D
Below 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 to discuss your grade. Setting an appointment allows me 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 me early in the semester while there is still time to improve before the end of the semester.

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](#)

Course Policies

Attendance : Attendance will be recorded throughout the semester. Students who have documented excused absences for University events will be responsible for finding a time **outside of class prior to the absence** to discuss work that will be missed and how to make up missed assignments.

Any absences for reasons other than excused University events will be considered unexcused absences. After the third absence 5 points will be deducted for each unexcused absence. Absences due to health or family emergencies will be evaluated on an individual basis.

Tardiness : Students are expected to be on time to class, showing up late not only disrupts the class but is also disrespectful to your instructor and the time and effort placed in developing the lesson. A student will be considered tardy if they are not in the class, seated, and ready to begin class by the designated start of class or lab time. After the fifth tardy 5 points will be deducted from attendance points and an additional 5 points will be deducted for every 2 subsequent tardies.

Participation : Students are expected to be active participants in class. This includes taking notes, answering questions, and being involved in activities in both lecture and lab. Failure to participate in class will result in a loss of participation points assigned. Lectures, activities and labs are designed to help you develop a better understanding of the content discussed, your involvement in this is vital to your success in this class.

In my classroom **rude and inappropriate behavior will not be tolerated**. This class is a learning environment and as such, should be a place where students feel comfortable asking questions without being ridiculed. Students who continue to exhibit rude or inappropriate behavior after being asked to stop by the instructor or TA will be asked to leave and must schedule a time to visit with the instructor to obtain notes or missed assignments prior to returning to class. Additional information can be found in the [ACU student handbook](#).

Late assignment/exam: College is a time to develop habits and skills that you will use throughout your life. Completing tasks by the deadline is an important skill that will be needed throughout your professional career. Therefore, for late assignments turned in within 24 hours of after the due date 10% will be deducted from the total score and 10% will be deducted for every additional 24 hours the assignment is late.

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.

Calendar

Below is a tentative calendar of topics and test dates for this class. When significant changes are made i.e. moving of tests, I will let you know at least 1 class period in advance.

Lecture Calendar

Date	Week	Topic	Quizzes and Exams
1/14/19	1	Introduction	
1/21/19	2	Beef Cattle Industry	Breed Presentations 1/25
1/28/19	3	Cow-calf systems	Quiz 1: due 2/1 @ 11:59
2/4/19	4	Pregnancy and Growth	Quiz 2: due 2/8 @ 11:59
2/11/19	5	Cow-calf nutrition	Beef cattle breeding objective and type of system rough draft due
2/18/19	6	Stocker cattle systems	Exam 1: 2/20
2/25/19	7	Feedlot systems	
3/4/19	8	Feedlot and packers	Quiz 3: 3/8 @ 11:59
3/11/19	Spring Break		
3/18/19	9	Low Stress cattle handling	Current event 1 due 3/19 @ 11:59; Quiz 4: 3/22 @ 11:59
3/25/19	10	Sheep and Goat industry overview	Exam 2: 3/27; Sheep and Goat presentations 3/29
4/1/19	11	Management of Ewes and Does	Quiz 5: 4/5 @ 11:59 Sheep and Goat breeding objectives and type of system due
4/8/19	12	Nutrition, Facilities, and general management	Current event 2 due 4/12 @ 11:59
4/15/19	13	Forage systems	Quiz 6: 4/18 @ 11:59
4/22/19	14	Stocking Rate	Quiz 7: 4/26 @ 11:59
4/29/19	15	Diseases of Ruminant animals	Disease Presentations 5/3
	Finals	Exam 4: 5/7 @ 10:00 – 11:45	

Lab Calendar

Date	Week	Topic
1/14/19	1	Age Determination
1/21/19	2	Drawing blood
1/28/19	3	Body Condition Scoring
2/4/19	4	Rectal Palpation
2/11/19	5	Forage and feed sampling
2/18/19	6	Feed bunk management
2/25/19	7	Calving management
3/4/19	8	Udder Scoring
3/11/19	Spring Break	
3/18/19	9	Low Stress cattle handling
3/25/19	10	Sheep shearing
4/1/19	11	Collecting forage sample
4/8/19	12	Stocking rate calculations
4/15/19	13	Internal parasite load determination
4/22/19	14	Vaccination and animal health
4/29/19	15	Castration methods
	Finals	Exam 4: 5/7 @ 10:00 – 11:45