

Approval Chart for Curriculum Changes

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

Course Number ANSC 343 or Degree Plan(s) _____

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

See attached memo for changes to student learning outcomes.

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

		COUNCIL ³						Provost	President
Change to a Course		Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	
1.	Title (description unchanged)	A	A	A		I			I
2.	Description (not affecting content)	A	A	A		I			I
3.	Course term(s)	A	I	A		I			I
4.	Content (substantive change)	A	A	A		I			I
5.	Number of hours (lecture, lab, contact)	A	A	A		A			I
6.	Course number within the hundred	A	A	I		I			I
7.	Course number beyond the hundred	A	A	A		A			I
8.	Prerequisites	A	A	A		I			I
9.	Course fee(s)	A	--	A		--			I
10.	From U to G <i>or</i> G to U	A	A	A		A			I
11.	Cross list with another department: U or G level	A	A	A		A			I
12.	Department of record	A	A	A		A			I
13.	Open or close a course	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			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: 343

Animal Reproduction

Old Student Learning Outcomes
None available

New Student Learning Outcomes	
Competency	Measurement Instrument
Identify key anatomical structures and their function within both male and female reproductive tracts	Quiz
Articulate the phases of the estrus cycle, relative concentrations of the primary hormones, and changes to ovarian structures.	Quiz and Exam
Analyze reproductive technologies for feasibility and efficiency based upon reproductive principles.	Quiz and Exam
Describe stages and processes of neonatal growth and development.	Quiz and Exam
Explain processes and endocrine changes leading to parturition	Quiz and Exam

ANSC 343

Animal Reproduction

Course Description

Physiological processes of reproduction in farm animals, anatomy and physiology of the reproductive system, endocrine relationships, fertility and factors affecting reproduction efficiency, principles of artificial insemination, methods of improving reproductive performance and the ethics of using reproductive technologies.

Prerequisites: ANSC 111, BIOL 112/BIOL 114 and BIOL 113/BIOL115.

Credit hours: 3 hours

Semester and year: Fall 2019

Lecture: Tuesday and Thursday 8:00 – 9:20 Onstead Science Center (OSC) RM 261;

About the Teacher

Dr. Adam McGee, Assistant Professor of Animal Science.

Office: OSC 145b

Phone number: (325) 674-2167

Email address: alm18f@acu.edu

Office hours/Contact expectations: Office hours: Tues and Thur 9:30 – 11:00 am and Thur 1:00 – 5:00 pm or by appointment.

I am not always in my office but may still be available to meet therefore email is the best way to contact me. I have an open door policy, if I am in my office feel free to stop and talk. If you have questions about the material presented in class please contact me well in advance of any assignment due dates to make sure that we are able to find a time to meet.

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.

Instructional Materials

Textbook: Senger P.L. Pathways to Pregnancy and Parturition. 3rd ed. Current Conceptions Inc, Pullman WA, ISBN: 9780965764834

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

Learning Outcomes

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

	Competency	Measurement Instrument
1	Identify key anatomical structures and their function within both male and female reproductive tracts	Quizzes and Exams
2	Articulate the phases of the estrus cycle, relative concentrations of the primary hormones, and changes to ovarian structures.	Quizzes and Exams
3	Analyze reproductive technologies for feasibility and efficiency based upon reproductive principles.	Quizzes and Exams
4	Describe stages and processes of neonatal growth and development.	Quizzes, Assignments, and Exams
5	Explain processes and endocrine changes leading to parturition	Quiz and Exams

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:

- **Be on time to class/lab and prepared to learn.** Being on time allows everybody to focus and avoids disruptions in learning.
- **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.
- **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
- **Dress appropriately for class and lab.** For safety reasons during lab, please wear close toed shoes and jeans.
- **Remove hats when in the classroom.** When we are indoors in the classroom please remove hats as a form of respect and helps me to better assess engagement in class.

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 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.

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.

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 missed notes and 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 disrupts the learning environment for all students. 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 third tardy 5 points will be deducted from attendance points and an additional 5 points will be deducted for every 3 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.

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 these behaviors 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](#).

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). Assignments missed due to excused absences should must be completed within 1 week of original due date.

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.

Assessment and Grading

Assessment Activity	Grades Possible
Attendance and Participation	50
Take Home Quizzes (14 drop lowest 2)	360
In-class Quizzes	45
Assignments	45
Exams	300
Final Exam	150
Total	900

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

Final Letter Grade	Range of Points	Min. Points Needed
A	90-100%	810
B	80-89%	720
C	70-79%	630
D	60-69%	540
F	0-59%	0

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.

Assignments

Attendance: Attendance will be taken every class period. You are expected to attend class, be prepared to learn, and actively participate in class. Discussion of class attendance policy is listed above.

Take Home Quizzes: These quizzes are designed to cover the bulk of the material for each section and will be open book and open note. These assignments will be open on Thursday and will be due by 11:59 pm on Monday of the following week. These will cover primarily the content from that week but each quiz will include a few questions from previous material to help with recollection. While these are take home quizzes they should represent your own personal work. Working on these as a group is fine, however, answers that are exact copies of someone else's work will be considered plagiarism. These are worth 50 pts each and the lowest 2 scores will be dropped.

In Class Quizzes: There will be 3 short 10-15 minute closed book and note quiz at the beginning of class covering material that is important but is primarily memorization. These quizzes are designed to cover the material that I feel is important for you to be able to recall easily as it is foundational to the study of Reproduction and Physiology.

Assignments: There will be three assignments throughout the semester. These will be primarily short writing assignments that will cover a current event in the field of reproduction or other information that is pertinent to the topic that we discussed.

Exams: There will be 3 in class, closed book exams throughout the semester. These will build from material covered in class and on the quizzes. Each exam will include material from previous exams and quizzes to help with recollection and retention of previously discussed material.

Final: The final will be a closed book comprehensive final covering all material discussed across all classes. The final will cover 60% of new material and 40% of previous material.

Calendar

Below is a tentative calendar of topics, quiz dates, and labs. If changes are made they will be made at least 1 class period in advance.

Date	Week	Topic	Quizzes, Exams, and Assignments
8/26	1	Introduction to class and Introduction to Reproduction (Chap. 1)	
9/2	2	Female Reproductive Tract (Chap. 2)	9/2: TH Quiz 1 due @ 11:59 pm
9/9	3	Male Reproductive Tract (Chap. 3)	9/9: TH Quiz 2 due @ 11:59 pm 9/10: IC Quiz 1 Female Tract
9/16	4	Embryogenesis (Chap. 4)	9/16: TH Quiz 3 due @ 11:59 pm 9/17: IC Quiz 2 Male Tract 9/19: Exam 1 in class
9/23	5	Regulation of Reproduction (Chap 5)	9/23: TH Quiz 4 due @ 11:59 pm
9/30	6	Puberty (Chap. 6)	9/30: TH Quiz 5 due @ 11:59 pm
10/7	7	Reproductive Cyclicity (Chap. 7)	10/7: TH Quiz 6 due @ 11:59 pm 10/10: Exam 2 in class
10/14	8	Follicular Phase (Chap. 8)	10/14: TH Quiz 7 due @ 11:59 pm
10/21	9	Luteal Phase (Chap. 9)	10/21: TH Quiz 8 due @ 11:59 pm
10/28	10	Endocrinology of male and Spermatogenesis (Chap. 10)	10/28: TH Quiz 9 due @ 11:59 pm
11/4	11	Reproductive Behavior (Chap. 11)	11/4: TH Quiz 10 due @ 11:59 pm 11/7: Exam 3 in class
11/11	12	Spermatozoa in the Female Tract (Chap. 12)	11/11: TH Quiz 11 due @ 11:59 pm
11/18	13	Early Embryogenesis and Maternal Recognition of Pregnancy (Chap. 13)	11/18: TH Quiz 12 due @ 11:59 pm
11/25	14	Placentation (Chap. 14)	11/25: TH Quiz 13 due @ 11:59 pm
12/2	15	Puerperium and Lactation (Chap. 15)	12/2: TH Quiz 14 due @ 11:59 pm
12/11	Final	Final Exam (Wed)	8:00 – 9:45 am