

College of the Redwoods

Spring 2024 Course Syllabus

AG5 Introduction to Animal Science

Course Information

Day/Time of required meetings: Online
Location: Online
Course units: 3

Instructor Contact Information

Instructor's name: Ashley Niesen
Email address: Ashley-niesen@redwoods.edu
Office hours: Tuesday: 3 - 4 pm, zoom

Select the office hours link on the Canvas Homepage to join via Zoom during scheduled office hours. If my scheduled office hours do not correspond to your availability, contact me via CR email to schedule a meeting at an alternate time. I am here to help. I check my messages Monday - Friday from 8:00 am - 5:00 pm and unless it is a weekend, I respond within 24 hours. If Canvas is down, check your CR email for information.

AG5 is an online course, which means that we do not meet as a class in person. Course content will be delivered in a course management system called Canvas. Students are required to meet set due dates in the course schedule.

The semester begins on Saturday, January 13. You must post your reply to the first Introduction Discussion and the Online Education Discussion Topic in Canvas to be marked present the first week of class by Friday, January 19 at 11:59:00 pm. Students who do not participate in the first week's assignments will be dropped as a "no-show" as per Administration policy. Add Codes will be distributed if, and only if there are spaces available by email.

Textbook

Introduction to Animal Science; Damron, W.S.; Global, Biological, Social, and Industry Perspectives, 6th Edition. A digital copy is available with immediate access at Pearson.com

Course Description

An exploration of the scientific approach to the livestock industry encompassing aspects of animal anatomy, physiology, nutrition, genetics, and epidemiology. Emphasis on the origin, characteristics, adaptations, and contributions of livestock to the modern agriculture industry.

Recommended Preparation

ENGL102 or ENGL150 Advised

Course Student Learning Outcomes and Objectives

The main concepts for this course will ask students to:

- Identify animal contributions to the development of human civilizations.
- Describe economically significant breeds of animals and their unique adaptations.
- Describe the function of the major body systems.
- Identify reproductive cycles and biotechnological principles of animal reproduction.
- Analyze genetic change through artificial/natural selection.
- Discuss nutritional needs for various body functions.
- Describe animal behavior as it relates to animal domestication, health and performance.
- Explain basic strategies for disease control, prevention and management.
- Utilize the scientific method to collect data, calculate production parameters and make scientifically based management decisions.
- Identify and discuss current issues affecting animal agriculture.

Course Requirements

In order to succeed in this class, participation in Canvas is required. You must log in to Canvas and participate in the discussions, take notes, watch videos, and complete quizzes to be considered as participating and attending class. Regular and effective substantive contact between instructor and student will be initiated through Canvas discussion boards, weekly announcements, video lectures, assignment feedback, office hours, phone, Canvas Inbox and CR email. Regular and effective contact between students will occur via Canvas discussion boards. **The lack of completion of assignments, discussion boards, quizzes, etc. in Canvas will result in the lowering of one's grade or potentially in failing this course as final letter grades are determined by the cumulative number of points earned.** Canvas keeps track of the number of page views and overall length of time spent in Canvas. Class participation is directly related to student success. Please arrange your schedule to be an active participant with course content, fellow students, and faculty.

It is the students' responsibility to complete all assignments/discussions/quizzes for this course. If an assignment/discussion/quiz is not completed, a score of zero is entered in the gradebook. There are no alternate assignments for this course.

Check Canvas and use the following table to view the weekly assignments

*TENTATIVE SCHEDULE OF CLASSES – AG5 ONLINE CLASS

***I reserve the right to modify course content and this schedule as needed. It is your responsibility to know about any changes in this schedule by checking Canvas Announcements, Modules and CR emails. Assignments may be added to this schedule throughout the semester. It is a student's responsibility to set a schedule for the completion of assignments and to meet all due dates.**

MODULES & WEEKLY DATES	CLASS TOPICS AND WEEKLY READING	ASSIGNMENTS ARE DUE NO Later than 11:59:00 PM ON:
	Any assignment that is not completed receives a zero in the gradebook.	Canvas submission windows lock at the end of 11:58:00 pm.

Module 1 January 13-19	Introduction, class procedures, and syllabus	Introduction Discussion Online Ed Discussion Friday, January 19
Module 2 January 20-26	The Place of Animals and Animal Science in the Lives of Humans: Chapters 1, 2, 3, & 4	Syllabus Quiz Friday, January 26
Module 3 January 27- February 2	Nutrition: Chapters 5 & 6	Quiz 1 - Chapter 1-4 Friday, February 2
Module 4 February 3-9	Feedstuffs: Chapter 7	Discussion 1 Friday, February 9
Module 5 February 10- 16	Genetics and Breeding: Chapter 8 & 9	Quiz 2 – Chapter 5, 6, 7 Friday, February 16
Module 6 February 17- 23	Animal Reproduction: Chapter 11	Discussion 2 Friday, February 23
Module 7 February 24 – March 1	Lactation: Chapter 12	Quiz 3 – Chapter 8, 9, 11 Friday, March 1
Module 8 March 2-8	Behavior, handling, and health: Chapter 13, 14	Discussion 3 Friday, March 8
	Spring Break March 11-16	
Module 9 March 16-22	Market and Beef: Chapter 15 & 16	Quiz 4 – Chapter 12, 13, 14 Friday, March 15
Module 10 March 23-29	Dairy: Chapter 17	Discussion 4 Friday, March 22
Module 11 March 30 – April 5	Poultry: Chapter 18	Quiz 5 – Chapter 15, 16 17 Friday, March 29
Module 12 April 6 - 12	Swine: Chapter 19	Discussion 5 Friday, April 5
Module 13 April 13-19	Sheep and Goats: Chapter 20	Quiz 6 – Chapter 18, 19 Friday, April 12
Module 14 April 20-26	Horses: Chapter 21	Discussion 6 Friday, April 19
Module 15 April 27- May 3	Aquaculture: Chapter 22	Quiz 7 – Chapter 20, 21 Friday, April 26
Module 16 May 4-10	Companion animals, and careers Chapter 23, 26	Discussion 7 Friday, May 3

Grading Scale

The final grade for this course will be weighted as follows: 80% quizzes and 20% discussion participation.

Letter Grade	Percentage Points
A	100-90%
B	89-80%
C	79-70%
D	69-60%
F	59% or less

Make-up policy for quizzes

Make-Up quizzes are given on a case-by-case basis and are only for students who did not take the regularly scheduled quiz due to an emergency. To determine eligibility, you are required to provide a written statement (e-mail) explaining the nature of your emergency for missing the quiz. **If approval is given, a student may only take one make-up quiz per semester. Students who do not complete all the quizzes will need to assess their overall points and may need to drop the course as letter grades for the course are based upon the cumulative number of points earned. It is a student's responsibility to know the correct date of each quiz, including the final quiz. There is no make-up for the final quiz because the course ends as of the closing date of the last quiz.**

Late Assignments

There is more than one late policy for submitting assignments. For the Introduction Discussion post and Online Ed. Discussion Topic post, late submissions are not accepted because I am required to drop students as a "no-show" if the assignments are not completed the first week of class. After the first week, I will evaluate late assignment submissions on a case-by-case basis. **Point deductions may be taken.** Contact me via CR email or the Canvas inbox to inform me of your circumstance. If you are allowed to submit an assignment or quiz late, it must be done within one week as it is easy to get behind very quickly.

If you are taking this class or submitting an assignment while living or travelling outside of California, please be aware that the computer will record your submissions in the US Pacific Time Zone. Please submit assignments ahead of schedule to avoid problems. **If you have technical difficulty submitting an assignment, email me and call the Canvas support number 24/7/365 at (877) 894-3392 for assistance.**

Educational Accessibility & Support

College of the Redwoods is committed to providing reasonable accommodations for qualified students who could benefit from additional educational support and services. You may qualify if you have a physical, mental, sensory, or intellectual condition which causes you to struggle academically, including but not limited to:

- Mental health conditions such as depression, anxiety, PTSD, bipolar disorder, and ADHD
- Common ailments such as arthritis, asthma, diabetes, autoimmune disorders, and diseases
- Temporary impairments such as a broken bone, recovery from significant surgery, or a pregnancy-related disability
- A learning disability (e.g., dyslexia, reading comprehension), intellectual disability, autism, or acquired brain injury
- Vision, hearing, or mobility conditions

Available services include extended test time, quiet testing environments, academic assistance and tutoring through the [LIGHT Center](#), counseling and advising, alternate formats of course materials (e.g., audio books, braille, E-texts), assistive technology, learning disability assessments, approval for personal attendants and service animals, interpreters, priority registration, on-campus transportation, adaptive physical education and living skills courses, and more. If you believe you might benefit from disability- or health-related services and accommodations, please contact [Disability Services and Programs for Students \(DSPS\)](#). If you are unsure whether you qualify, please contact DSPS for a consultation: dsps@redwoods.edu.

Eureka: 707-476-4280, Student Services Building, first floor

Del Norte: 707-465-2324, Main Building, near the library

Klamath-Trinity: 707-476-4280

Student Support Services

Good information and clear communication about your needs will help you be successful. Please let your instructor know about any specific challenges or technology limitations that might affect your participation in class. College of the Redwoods wants every student to be successful.

The following online resources are available to support your success as a student:

- [CR-OnlineLinks to an external site.](#) (Comprehensive information for online students)
- [Library Articles & DatabasesLinks to an external site.](#)
- [Canvas help and tutorialsLinks to an external site.](#)
- [Online Student HandbookLinks to an external site.](#)
- [Online Tutoring ResourcesLinks to an external site.](#)

To learn more about the resources available to you, click on a title bar below, or click the down arrow to expand them all.

Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821

Community College Student Health and Wellness

If you are in distress or are with someone at risk right now, call the National Suicide Prevention Lifeline at 1-800-273-TALK (8255) or TEXT 741-741

Timely Care

When you're feeling under the weather physically or distressed mentally, you can find the help you're looking for in just a few quick taps. Students can schedule an appointment anytime via phone, video, and chat. Visit [TimelyCARE](#).

Mental Health Counseling

Students should text, email, or fax Shawna Bell directly for scheduling and/or services.

Contact info

Text: 707-496-2856

Email: shawnaabmft@gmail.com

Fax: 707-237-2318 (voicemail can be left via fax)

Wellness Central

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges [Wellness Central](#).

Counseling

[Counseling & Advising](#) can assist students in need of academic advising and professional counseling services. Visit the Welcome Center in the lower level of the student services building Monday –Friday 9am – 4pm (during the semester, summer hours may vary).

Basic Needs Center

[The Basic Needs Center](#) provides for the health and safety of students by providing access to healthy food, financial resources, and referrals to safe and secure housing. Students can also [submit a request for services and information](#) online.

Contact info

Phone: 707-476-4153

Email: the-grove@redwoods.edu

Learning Resource Center

Learning Resource Center includes the following resources for students:

- [Library Services](#)[Links to an external site.](#) to promote information literacy and provide organized information resources.
- [Multicultural & Diversity Center](#)[Links to an external site.](#)
- [Academic Support Center](#)[Links to an external site.](#) – offers tutoring and test proctoring for CR students.

- [Student Tech HelpLinks to an external site.](#) – provides students with assistance around a variety of tech problems.

Extended Opportunity Programs & Services (EOPS)

[Extended Opportunity Programs & Services \(EOPS\)](#) provides services to eligible income disadvantaged students including: textbook awards, grants, career academic and personal counseling, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!

TRiO Student Success Program

The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for the program in [EurekaLinks to an external site.](#) or in [Del NorteLinks to an external site.](#)

Veterans Resource Center

The [Veteran's Resource CenterLinks to an external site.](#) supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.

CalWORKS

[CalWORKs](#)– California Work Opportunity & Responsibility to Kids (CalWORKs). Provides supportive services to student parents with children under the age of 18, who are receiving cash assistance (TANF benefits), to become self-sufficient. Services include: transportation assistance, basic student supplies, tutoring, priority registration, laptop and calculator loans, career, academic, and personal counseling, and more!

Fake Student Policy

Fraudulent enrollments are on the rise. To ensure that real students can get seats in the class, no shows will be dropped in the middle of the first week of classes. Also, if you are suspected of being a bot, you will be dropped from the class. If you have been dropped but are a real student, please contact your instructor right away to be reinstated in the class.

Spring 2024 Dates

Date	To Remember
January 12	Last day to register for classes (day before the first class meeting)
January 13	Classes begin

Date	To Remember
January 15	Martin Luther King, Jr.'s Birthday Holiday (District-wide closure)
January 19	Last day to add a class
January 26	Last day to drop without a "W" and receive a refund
January 29	Census Date (20% of class)
February 16	Lincoln's Birthday Holiday (District-wide closure)
February 19	President's Day Holiday (District-wide closure)
March 7	Last day to petition to graduate
March 29	Last day for student initiated withdrawal (62.5% of class)
March 29	Last day for faculty initiated withdrawal (62.5% of class)
March 11-16	Spring break (no classes)
April 1	District-wide closure (Cesar Chavez Day) .
May 4-10	Final Examinations
May 10	Last day to file for P/NP Option
May 10	Semester Ends
May 17	Grades due
May 24	Grades available

Academic Dishonesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

AI Use Class Policy

Recent advancements in generative artificial intelligence (AI) have made large language models such as ChatGPT and Google's Bard widely available. However, overuse of these tools in this class can

undermine your learning and curtail the development of your critical and creative thinking skills. In addition, AI outputs are often unreliable and frequently subject to bias. For these reasons, the policy of this class is that AI cannot be used at any point in the completion of class assignments, including discussion posts. Any or all of your assignment submissions and discussion posts may be screened by AI detection software, but the real penalty for AI misuse is that you will miss out on an opportunity to learn.

Disruptive Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

Canvas

Canvas Information

Log into Canvas at [My CR Portal](#)

For help logging in to Canvas, visit [My CR Portal](#).

For help with Canvas once you're logged in, click on the Help icon on the left menu.

For tech help, email its@redwoods.edu or call 707-476-4160

Canvas online orientation workshop: [Canvas Student Orientation Course \(instructure.com\)](#)

Setting Your Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas.

Contact [Admissions & Records](#) to request a change to your preferred first name and pronoun.

Your Preferred Name will only be listed in Canvas. This does not change your legal name in our records. See the [Student Information Update form](#).

Emergency Procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or

phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into [WebAdvisor](#) and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions. For more information see the [Redwoods Public Safety Page](#).

In an emergency that requires an evacuation of the building anywhere in the District:

- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

To learn more about campus-specific Emergency Procedures, click on a title bar below, or click the down arrow to expand them all.

Del Norte Campus Emergency Procedures

Please review the [Crescent City campus emergency map](#) for campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information, see the [Redwoods Public Safety Page](#).

Eureka Campus Emergency Procedures

Please review the [campus emergency map](#) for evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information on Public Safety go to the [CR Police Department Public Safety](#). It is the responsibility of College of the Redwoods to protect life and property from the effects of emergencies within its own jurisdiction.

In the event of an emergency:

1. Evaluate the impact the emergency has on your activity/operation and take appropriate action
2. Dial 911, to notify local agency support such as law enforcement or fire services.
3. Notify Public Safety 707-476-4111 and inform them of the situation, with as much relevant information as possible.
4. Public Safety shall relay threat information, warnings, and alerts through the Everbridge emergency alert system, Public address system, and when possible, updates on the college website, to ensure the school community is notified.
5. Follow established procedures for the specific emergency as outlined in the College of the

Redwoods Emergency Procedure Booklet, (evacuation to a safe zone, shelter in place, lockdown, assist others if possible, cooperate with First Responders, etc.).

6. If safe to do so, notify key administrators, departments, and personnel.
7. Do not leave campus, unless it is necessary to preserve life and / or has been deemed safe by the person in command.

Klamath-Trinity Campus Emergency Procedures

Please review the responsibilities of, and procedures used by, the College of the Redwoods, KlamathTrinity Instructional Site (KTIS) to communicate to faculty, staff, students and the general public during an emergency. It is the responsibility of College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to protect life and property from the effects of emergency situations within its own jurisdiction.

In the event of an emergency, communication shall be the responsibility of the district employees on scene:

1. Dial 911, to notify local agency support such as law enforcement or fire services.
2. If safe to do so, notify key administrators, departments, and personnel.
3. If safe to do so, personnel shall relay threat information, warnings, to ensure the school community is notified.
4. Contact 530-625-4821 to notify of situation.
5. Contact Hoopa Tribal Education Administration office 530-625-4413
6. Notify Public Safety 707-476-4111.

In the even of an emergency, the responsible district employee on the scene will:

1. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet.
2. Lock all doors and turn off lights if in lockdown due to an active shooter or similar emergency.
3. Close all window curtains.
4. Get all inside to safe location Kitchen area is best internal location.
5. If a police officer or higher official arrives, they will assume command.
6. Wait until notice of all is clear before unlocking doors.
7. If safe to do so, move to the nearest evacuation point outside building (Pooky's Park), directly behind the Hoopa Tribal Education Building.
8. Do not leave site, unless it has been deemed safe by the person in command. Student Support Services (required for online classes)