

ADS 4114/6114
Animal Nutrition
Fall, 2024

Instructor: B. J. Rude
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Office Hours: 10:00-11:00 a.m. Monday-Friday. I have an OPEN DOOR Policy, meaning, when I am in the office, I will make myself available to you. It is advisable to call first because I may have another commitment.

Class Meetings: Four 1-hour lectures per week, 7:45 MTWH.

Ref. Materials: The following are for your reference at the Vet. Med. Library.
Harper's Review of Biochem. 20th ED. Martin, Mayes, Rodwell, Granner.
Animal Nutrition. 7th ED. Maynard & Loosli. Basic Animal Nutrition and Feeding. 5th ED. Pond, Church, Pond, & Schoknecht.
Current copies of the above listed are also available in my office and available to you, but WILL NOT leave my office.

Course Objectives: Develop a basic knowledge and understanding of nutrients, their utilization, and role in animals. Integrate knowledge concerning the individual nutrients and their individual roles into an overall concept of animal metabolism and nutrition.

By the end of the course, students should be able to:

1. list the classes of nutrients and describe their form of occurrence in nature.
2. describe the chemical modification of nutrients in the digestive tracts of various species.
3. explain the absorption of nutrients and locate their distribution within the body.
4. describe the utilization of individual nutrients and identify their role in various body functions.
5. integrate the roles of individual nutrients and individual body functions into a concept of overall body function.

Grading: The final grade in the course will be based on your accumulated percentage of the total points possible according to the following distribution:

	<u>Points</u>	<u>% of grade</u>
7 hour exams	700	70
Weekly quizzes	100	10
1 Comprehensive Final	200	20
Total Points	1000	100%
A = 900 or more points (90% or above)		
B = 800 - 899 points (80 - 89%)		
C = 700 - 799 points (70 - 79%)		
D = 600 - 699 points (60 - 69%)		
F = fewer than 600 points (less than 60%) ← Should NOT happen!!		

Quizzes: A quiz or hour exam will be given on Thursdays (unless previous changes are announced). The quiz will cover lecture material since the most recent quiz or hour exam. No make-up quizzes (includes excused absences).

Lecture Exams: The exams will be given on the following dates: (*tentatively*)

1 st hour exam	Thursday, Sep. 5	5 th hour exam	Thursday, Oct. 31
2 nd hour exam	Thursday, Sept. 19	6 th hour exam	Thursday, Nov. 14
3 rd hour exam	Thursday, Oct. 3	7 th hour exam	Tuesday, Nov. 26
4 th hour exam	Wednesday, Oct. 17	Final exam	Tue., Dec. 10 @ 8:00 a.m.

No one will be permitted into the exam late after the first person has completed their exam!!!

Make-up Exams: A make-up exam will be given only for **pre-approved excuses** or extremely extenuating circumstances. The exam will be comprehensive and will be given at the end of the semester. Arrangements to take the make-up exam must be made in advance. Students who miss an exam because of illness need a doctor's statement for verification of sickness and should clear the absence with the instructor no later than the day they return to class. Other unavoidable absences from the campus (field trips, intercollegiate events, etc.) must be documented and cleared with the instructor **in advance**.

Final Exam: Scheduled for Tuesday, December 10 at 8:00 a.m.

"The Mississippi State University Syllabus contains all policies and procedures that are applicable to every course on campus and online. The policies in the University Syllabus describe the official policies of the University and will take precedence over those found elsewhere. It is the student's responsibility to read and be familiar with every policy. The University Syllabus may be accessed at any time on the Provost website under Faculty and Student Resources and at <https://www.provost.msstate.edu/faculty-student-resources/university-syllabus> "

Cell Phone Use: In accordance with Academic Operating Policy 10.08 the use by students of cell phones, messaging devices, and **other electronic devices** is prohibited. Cell phones will be turned off during class, or on silent (NOT vibrate) mode and stow in personal packs while attending class. On quizzes and exams cell phones may not be used as calculators or clocks. AOP 10.08 is available at <http://www.msstate.edu/dept/audit/1008.html>.

Lecture Notes: Copy of material used in lecture will be made available on the Web at the following URL: bjr13.ads.msstate.edu

This syllabus was written with the intent of conducting the course as outlined. However, in the event of extenuating circumstances the instructor reserves the right to make changes.