

COURSE NAME; NUMBER; SEMESTER; MEETING DAYS, TIMES, AND PLACE.

Teaching in Animal Science

11:067:414 Spring 2023

Credits: 1.5, 2, or 3 by arrangement

Location: Rutgers Animal Farm or 104 Foran Hall or other location

CONTACT INFORMATION:

Instructor(s): Aparna Zama

Office Location: Bartlett Hall, 209A

Phone: 848-932-8495 Email: zama@sebs.rutgers.edu

Office Hours: By appointment

COURSE WEBSITE, RESOURCES AND MATERIALS:

- Related resources available on sakai.rutgers.edu

PREREQUISITES

- Obtain medical clearance to work with animals.
- Successfully complete ($\geq 90\%$ overall grade) in all previous livestock handling courses.
- Be comfortable and confident feeding, restraining and working with livestock species.
- Be comfortable working with and teaching other students.

COURSE DESCRIPTION:

Experience based education course designed to provide credits for students engaged in educational activities that differ from research activities. The course focuses on expanding knowledge and experience working with livestock as well as building teaching skills. Students are eligible to register for this course if (1) they are under the guidance of a faculty member; and (2) serving as an undergraduate teaching assistant for a course (such as Animal Nutrition Laboratory and Animal Practicums).

LEARNING GOALS:

Animal Science Program Learning Goals Accomplished:

4. Acquire skills for handling and caring for laboratory animals and livestock species.
6. Develop oral and written communication skills to effectively deliver scientific and technical information to scientists as well as the public.
7. Develop an understanding of the principles of animal welfare and ethical treatment of animals.

Course Learning Goals

The students will:

1. Expand their knowledge of livestock handling, breeding and management. (PLGs 4 and 7)

Assessment: Observation of student's abilities and participation during scheduled weekly sessions.

Two formal assessments are given using the grading rubric each semester. Assignments including the preparation of a lesson plan and presentation will be assessed for content.

2. Gain greater teaching experience. (PLG 6)

Assessment: Observation of student's initiative, problem solving, and engagement during scheduled weekly sessions. Two formal assessments are given using the grading rubric each semester.

Assignments including the preparation of a lesson plan and presentation will be assessed for organization, communication and engagement.

- Expand their skills and experience performing more advanced animal husbandry procedures. (PLGs 4 and 7)

Assessment: Observation of student's abilities and skills during scheduled weekly sessions. Two formal assessments are given using the grading rubric each semester.

ASSIGNMENTS/RESPONSIBILITIES, GRADING & ASSESSMENT:

A Learning Contract is drafted by the faculty member overseeing the course. The Learning Contract has to be signed by both the faculty and the student and submitted to the UPD by the second week of classes. Included in each contract is a description of three learning goals and the evaluation criteria. The evaluation criteria are as follows:

Participation

70%

Two formal verbal assessments are given. Areas evaluated include:

Attendance	Enthusiasm	Initiative	Problem Solving
Communication	Engagement		

Performance

15%

Two formal verbal assessments are given. Areas evaluated include:

Knowledge	Animal Handling Skill
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Final report

15%

The final report is assessed by the faculty member and submitted to the UPD by the last day of the semester.

Final report will contain the following:

- Summary (pros and cons of the experience).
- Discussion of learning goals and,
- Discussion of unanticipated learning experiences.
- Identification of new areas for personal development realized as a result of this experience.

GRADING

Grades calculated as follows:

A=Outstanding 90% or above, B+ =86%-89%, B=Good 80%-85%, C+=76%-79%, C=Satisfactory 70%-76%, D=Poor 60%-69%, F=Failing less than 60%

ACCOMODATIONS FOR STUDENTS WITH DISABILITIES

Please follow the procedures outlined at <https://ods.rutgers.edu/students/registration-form>. Full policies and procedures are at <https://ods.rutgers.edu/>

ABSENCE POLICY

Students are expected to attend all sessions. Absences should be reported by contacting the appropriate instructor for the session that will be missed.

COURSE SCHEDULE:

Hours are by arrangement. Sessions begin the first week of the semester and end the last day of class.

ASSIGNMENT DATE/TIME Student will be responsible for developing a lesson and presenting that lesson to the class, mid-semester. Date and time by arrangement.

ACADEMIC INTEGRITY

The university's policy on Academic Integrity is available at <http://academicintegrity.rutgers.edu/academic-integrity-policy>. The principles of academic integrity require that a student:

- properly acknowledge and cite all use of the ideas, results, or words of others.
- properly acknowledge all contributors to a given piece of work.
- make sure that all work submitted as his or her own in a course or other academic activity is produced without the aid of impermissible materials or impermissible collaboration.
- obtain all data or results by ethical means and report them accurately without suppressing any results inconsistent with his or her interpretation or conclusions.
- treat all other students in an ethical manner, respecting their integrity and right to pursue their educational goals without interference. This requires that a student neither facilitate academic dishonesty by others nor obstruct their academic progress.
- uphold the canons of the ethical or professional code of the profession for which he or she is preparing.

Adherence to these principles is necessary in order to ensure that

- everyone is given proper credit for his or her ideas, words, results, and other scholarly accomplishments.
- all student work is fairly evaluated and no student has an inappropriate advantage over others.
- the academic and ethical development of all students is fostered.
- the reputation of the University for integrity in its teaching, research, and scholarship is maintained and enhanced.

Failure to uphold these principles of academic integrity threatens both the reputation of the University and the value of the degrees awarded to its students. Every member of the University community therefore bears a responsibility for ensuring that the highest standards of academic integrity are upheld.

STUDENT WELLNESS SERVICES

Just In Case Web App <http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/ www.rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office

will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.

Scarlet Listeners

(732) 247-5555 / <https://rutgers.campuslabs.com/engage/organization/scarletlisteners>

Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.