

Fall 2022 Undergraduate Program Director (UPD) Report

Paula Agustin - Wed, Nov 30, 2022 4:14 PM

SEBS Governing Council

Received

General Information

Your name

Paula Agustin

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Major

Animal Science - Pre-Vet/Research track

Date of meeting

November 30, 2022

Class year

2023

Undergraduate Program Director

Dr. Aparna Zama

UPD Phone

848-932-8495

UPD Email

zama@sebs.rutgers.edu

Major website link (if available)

<https://animalsciences.rutgers.edu/undergraduate/>

Major Information

Major Options - What options are offered within the major? How do they differ?

Pre-Vet/Research Companion Animal Science Laboratory Animal Science Equine and Production Animal Science

Total number of students within the major (give an estimate from UPD if the exact number is unknown)

450+

Goals within the major - What are expectations of students post-graduation?

Students will: 1. Gain broad knowledge of the Animal Science discipline to understand the future of the field and its diversity. 2. Apply biological and chemical principles and quantitative reasoning to concepts presented in core subject areas in Animal Science such as physiology, nutrition, genetics, and reproduction. 3. Develop an in-depth understanding of option-specific subject areas such as preveterinary medicine, animal production, equine science, companion animal science, and lab animal science. 4. Acquire skills for handling and caring for laboratory animals and livestock species. 5. Develop critical thinking skills to identify scientific questions and devise solutions including, designing experiments, analyzing and interpreting research data, and summarizing findings. 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.

List 2-3 high-level major courses. What is the goal of each course? What should students be learning?

Endocrinology: the course helps students to understand the mammalian endocrine system and the corresponding physiology with each organ system
Animal Diseases: students gain an understanding of human and animal diseases and how it is important to keep track of zoonotic diseases in relation to One Health

Student Issues

Are there any concerns/student issues with classes? Are there any suggestions for solutions to these issues?

No concerns have been brought up to the UPD thus far.

From the perspective of the UPD or faculty members, what could be improved upon in the major (anything, not just related to classes)? Are there any suggestions for solutions to these issues?

Post-pandemic morale has decreased among students. On-campus involvement can definitely be improved. grow@SEBS has been a solution to increase participation in on-campus activities. grow@SEBS is a point-based rewards system that rewards students for completing certain SEBS- and animal science-themed tasks around campus.

Things going on within the major (Visitors, Talks, Seminars within the major)

Endocrinology seminars (already passed)

Suggestions for students in this major (ex: organizations to join, news to pay attention to)

Join the grow@SEBS platform by downloading the app and getting points by completing tasks. Follow @rutgersanisci on Instagram, Twitter, and Facebook for more information about what's going on in the major. Keep up with the Employment Opportunities page on the Animal Sciences website for job and internship opportunities. <https://animalsciences.rutgers.edu/employment.html>

Changes within the major in the upcoming year?

No upcoming changes within the major. The biggest change (merging Equine Science and Production Animal Science into one track) occurred at the beginning of the Fall 2022 semester.

Other Suggestions

No other suggestions.

Discussion

P Paula Agustin

Write a message
