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# **Animal Science Curriculum Newsletter** **For Fall 2024**

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**April 2024**

Greetings! It's time to plan for Fall 2024!

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# Important Dates

- March 9-17 Spring Break
- March 18 Fall 2024 Schedule of Classes (SOC) is live.
- April 8 **Fall registration begins** (Check the [Registration Schedule](#) for your specific access dates.)
- April 29 Last day of Spring 2024 classes
- April 30-May 1 Reading Days
- May 2-8 Final Exams
- May 10 Summer Session I term bill due date
- May 12 University Commencement (SEBS convocation is May 13; see [sebs.rutgers.edu/graduation](https://sebs.rutgers.edu/graduation))
- May 28 Summer Session I begins.
- May 28-30 Summer Session I change of course registration period.
- August 23 Deadline for obtaining medical clearance to work with animals in Fall 2024 classes
- September 3 Fall 2024 semester begins.

## For more info, visit these webpages:

- [Schedule of Classes](#)
- [Office of the Registrar](#)
- [Summer Session Office](#)

# Help with Advising

- Feel free to reach out to your first-year advisor or upper-class advisor for assistance. If you don't know who your advisor is, go to [MyMajor](#).
- Contact Ms. Krista Schnatter, Program Coordinator, with general questions, at the Dept. of Animal Science, 84 Lipman Drive, Room 105 *plus*
  - Tawk.to Chat feature  on the [Ani Sci website](#), **M-F, 9 AM – 4:30 PM**
  - Phone (848) 932-1937
  - Email [anisci-advising@sebs.rutgers.edu](mailto:anisci-advising@sebs.rutgers.edu)
- You can also contact Martin Hall, Office of Academic Programs, 88 Lipman Drive, Room 109 for general questions and financial aid/SAP and related advising questions:
  - Tawk.to Chat feature  on the [SEBS website](#), **M-F, 8:30 AM – 4:30 PM**
  - Phone (848) 932-3000

# Comparison of Animal Science Options

These courses are completed in addition to the Animal Science-specific and SEBS Core courses.

	Prevet	Lab Animal	Companion Animal	EPAS
General Biology with lab	YES	YES	YES	YES
General Microbiology	YES	YES	NO	NO
General Chemistry with lab	YES	YES	YES	YES
Organic Chemistry with lab	YES	YES	YES One semester Elem Orgo with lab	NO
Biochemistry	YES Two semesters	NO	YES One semester Intro Biochem with lab	NO
Math	YES Calculus I	YES Precalculus	YES Precalculus	YES Precalculus
Stats	YES Basic Stats for Research	YES Basic Stats for Research	NO	YES Intro Stats for Business
Physics	YES	NO	NO	NO

# Summer 2024 Course Offerings

[Course Offerings: Animal Sciences Undergraduate Program at Rutgers SEBS](#)

For info re: courses, tuition, registration, important dates, check [Summer Session](#).

- **Summer Session I**

- **“A” sections (4 weeks: 5/28/24–6/21/24)**

- Introduction to Animal Handling 150:A1

- **“C” sections (8 weeks: 5/28/24–7/19/24)**

- Animal Nutrition 330:C1
- Studies in Animal Science 411:C1-C7\*
- Research in Animal Science 493:C1-C7\*

- **Summer Session II**

- **“G” sections (4 weeks: 7/8/24–8/2/24)**

- Introduction to Animal Handling 150:G1

- **“H” sections (6 weeks: 7/8/24–8/14/24)**

- Studies in Animal Science 411:H1-H7\*
- Research in Animal Science 494:H1-H7\*

**\*Note: Studies** 411:C#, 411:H# and **Research** 493:C#, 494:H# sections are available with the following faculty members; contact them for SPN:

1. Bello
2. Malinowski
3. Roepke
4. Snyder
5. Uzumcu
6. Zama (UPD)
7. Shmarakov

\*Check out the new [Experiential Learning website](#) for more details!

- Introduction to Animal Handling 150
- Animal Handling, Fitting & Exhibition Supervisors Prep 176:P1 (Horse)
- Cattle Practicum 201
- Small Ruminant Practicum 202
- Swine Practicum 203
- Laboratory Animal Practicum 205
- Horse Practicum 207
- Animal Evaluation and Selection 260
- Laboratory Animal Science Mgmt and Techniques 275
- Studies in Animal Science 411
- Teaching in Animal Science 414
- Research in Animal Science 493
- [Student to Professional Internship Network \(SPIN\)](#)
- [G.H. Cook Honors Program](#)

### *Working with Animals in the Fall?*

Go to the [Animal Science Undergraduate Program](#) homepage and click on the "Working with Animals" link ([Procedure to Obtain Clearance to Work with Animals](#)), then follow the directions.

**Note:** Do this soon because you will be deregistered from your course if you do not have medical clearance by August 23, 2024.

## Farm EL Courses

Pd	Monday				Tuesday					Wednesday					Thursday					Friday	
<b>1</b> 8:30-9:50	7-9:50 <b>201:1</b> CHF-100	7-9:50 <b>202:1</b> SFH-102	7-9:50 <b>203:1</b> SFH-101	7-9:50 <b>207:1</b> LTR-102	7-9:50 <b>201:2</b> CHF-100	7-9:50 <b>202:2</b> SFH-102	7-9:50 <b>203:2</b> SFH-101	<b>205:1</b> BT-145	7-9:50 <b>207:2</b> LTR-102	7-9:50 <b>201:3</b> CHF-100	7-9:50 <b>202:3</b> SFH-102	7-9:50 <b>203:3</b> SFH-101	<b>205:2</b> BT-145	7-9:50 <b>207:3</b> LTR-102	7-9:50 <b>201:4</b> CHF-100	7-9:50 <b>202:4</b> SFH-102	7-9:50 <b>203:4</b> SFH-101	<b>205:3</b> BT-145	7-9:50 <b>207:4</b> LTR-102	<b>205:4</b> BT-145	
<b>2</b> 10:20-11:40	<b>150:01</b> Round House	<b>202</b> Lec SFH-102	<b>205</b> Lec BT-012	<b>205:1</b> BT-145					<b>150:06</b> Round House		<b>205:2</b> BT-145		<b>150:08</b> Round House	<b>203</b> Lec SFH-101	<b>205:3</b> BT-145		<b>150:10</b> CHF-100	<b>205:4</b> BT-145			
<b>3</b> 12:10-1:30	<b>150:02</b> Round House		<b>201</b> Lec CHF-100		<b>150:04</b> Round House										<b>207</b> Lec LTR-102		<b>150:11</b> CHF-100				
<b>4</b> 2:00-3:20	<b>150:03</b> Round House				<b>150:05</b> Round House					<b>150:07</b> Round House					<b>150:09</b> Round House		<b>176:P1</b> LTR-102				

For the full Fall 2024 Animal Sciences Course Offerings Chart, please see the attached documents.



## The Differences in Farm EL Courses

- **Introduction to Animal Handling 150:01-11** teaches the basics of handling horses, goats, sheep, cows, pigs, and poultry two weeks at a time. Offered Fall, Spring, and Summer.
- **Animal Handling Supervisors 176:P1** is focused on horses and prepares supervisors for spring. Not for novice students.
- **Practicums: Cattle 201, Small Ruminant 202, Swine 203, Lab Animal 205, and Horse 207** focuses on the management, breeding, husbandry, nutrition, marketing, etc., of each species. Offered Fall, Spring, and Summer.

## Offered in Fall 2024

- Production Animal Mgmt 336
  - Prereq overrides will be provided as needed
- Horse Management 384
- Comparative Mammalian Anatomy 391
- Animal Assisted Therapy 395
- Topics in Equine Science 401
- Animal Diseases 404
- Neuroendocrinology 410
- Endocrinology 450
- Topics in Companion Animal Health 461

## Next offered

- Domestic Animal Behavior & Welfare 310 – Spring 2025
- Advanced Equine Healthcare 398 – Spring 2025
- Equine Exercise Physiology 402 – Fall 2025
- Animals & the Law 460 – TBD
- Pathophysiology 490 – Spring 2025
- Reproductive & Developmental Toxicology 491 – Fall 2025

- SAS Biochemistry vs SEBS Biochemistry
  - **01:694:407** (SAS) requires Org Chem I as the prerequisite (01:160:307 OR 01:160:308 OR 01:160:315 or 01:160:316 ).
  - **11:115:403** (SEBS) requires Org Chem I AND II as the prerequisites (01:160:308 OR 01:160:316 OR 21:160:336).
  - Completion of Org Chem I and II is required for the Pre-Vet and Lab Animal Science tracks.
- Elementary Organic Lab (01:160:211)
  - Only offered in the Fall semester. Requires prerequisite Intro to Experimentation 01:160:171.
  - Completion of Elem Org is required for the Companion Animal Science track.
  - Elem Orgo Lecture (01:160:209) is not offered in Summer 2024.
- General Microbiology (3+1 lecture, 11:680:390) is preferred over the SAS Microbiology, fits better with AniSci schedule. Orgo 307 is the prereq.

# Differences between Physics Courses

(All are accepted for vet school applications)

- **Physics for Sciences (01:750:193/194)**
  - Active learning. Better homework. Must register for 4-credit lecture and 0-credit lab together.
  - Always in Fall-Spring sequence, 193 offered in Fall 2024.
- **Extended General Physics (01:750:201-202)**
  - Best for students that haven't taken much physics previously
  - Must register for 5-credit lecture and 0-credit lab together.
  - In Spring-Fall sequence, 202 offered in Fall 2024.
- **General Physics (01:750:203-205, 204-206)**
  - Must register for 3-credit lecture and 1-credit lab together.
  - Both courses offered in *all* three semesters.

- CELA-Belize is for 3 or 6 EL credits (Summer-Winter sessions). Grades will be Pass/NC and will no longer be on an A-F scale.
- Three Rutgers Global partners have been approved for *semester-long* Animal Science study abroad programs:
  - University College of Dublin, Ireland
  - Seoul National University, South Korea
  - University of Melbourne, Australia
- Questions? Contact [Dr. Zama](#).
- [Study Abroad website](#)

# Transfer Courses from Community Colleges

- For students anticipating taking summer courses at community colleges, be sure to check with your advisor and complete the [Transfer Course Preapproval form](#).
- Check [NJTransfer.org](#) for course equivalency.
- Transfer Course Preapproval form must be completed PRIOR to registration.

# Important Links

- **Animal Sciences Social Media:** [Facebook](#), [Twitter](#) and [Instagram](#): @RutgersAniSci
- [Linktree](#)
- [Schedule of Classes](#)
- [Course Schedule Planner](#): Watch the instructional video on [YouTube](#).
- [Undergraduate Program in Animal Science](#)  
Links to Course Schedule Planner, Schedule of Classes, WebReg, Degree Navigator;  
11:067 course descriptions & syllabi; course offerings charts (Fall, Spring, Summer); EBE  
info; faculty email addresses
- [Universitywide COVID-19 Resources](#)
- [SEBS Academic Programs](#)
- [RU-NB Registrar](#)
- [Summer Session Office](#)
- [Counseling \(CAPS\)](#)
- [Rutgers Recreation](#)
- [grow@SEBS](#)
- [Study Abroad](#)