

RUTGERS
School of Environmental
and Biological Sciences


Animal Science Onboarding Session

First-year advisors
Dr. Aparna Zama (Director, Undergraduate Program in Animal Sciences)
Dr. Anna Hausmann (Vet Sci Advisor)
Dr. Barry Jesse (Society of Animal Sci Advisor)

August 24, 2021
3:30 PM

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Welcome to the Animal Science Major!


It's time to learn all about Fall 2021!
(see [Animal Science Website](#) for even more details!)

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Important Fall Dates

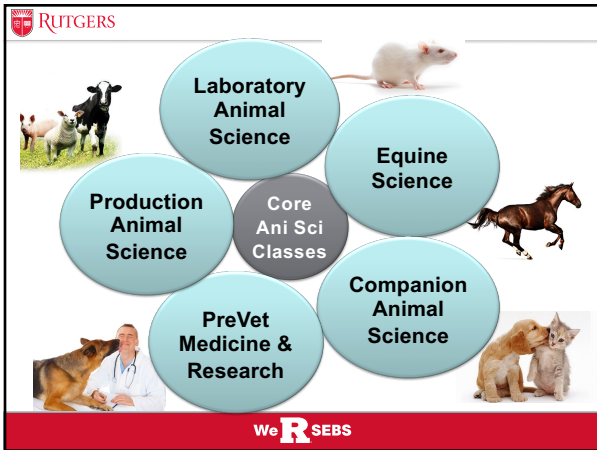
Friday	August 20 th	Schedules Released
Tuesday	August 24 th	Fall Advising – 3:00 PM – 4:30 PM
Wednesday	August 25 th	Add/Drop Begins
Wednesday	August 25 th	RU Here Campaign Opens
Monday	August 30 th	SEBS Induction Ceremony
Monday	August 30 th	Student Involvement Fair - CAC
Wednesday	September 1 st	First Day of Classes
Monday	September 6 th	Labor Day – No Classes & University Offices Closed
Wednesday	September 8 th	Change in Class Designation Day (Monday Classes Meet)
Wednesday	September 8 th	Last day to drop a class (No W Grade)
Thursday	September 9 th	Last Day to Add a Class
Tuesday	September 14 th	Last Day to Withdraw with 100% refund

For more info, visit these webpages:

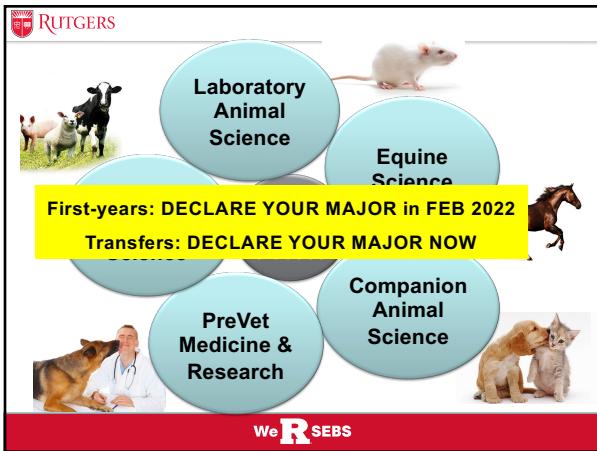
- > SOC (<https://sis.rutgers.edu/soc>)
- > Office of the Registrar (nregistrar.rutgers.edu, [Academic Calendar](#))

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Core Courses for All Animal Science Students


- Animal Science
- Companion Animal Science
- **Careers in Animal Science (Spring 2022)**

- General Biology & Lab
- General Chemistry & Lab

- Animal Reproduction
- Animal Nutrition & Lab
- Integrative Physiology
- Animal Genetics

The image shows the entrance to a brick building with a green door and steps leading up to it. The building has several windows and a small sign above the door.

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Prerequisite Courses for Core Animal Science courses

	Animal Science	Biology with lab	Chemistry with lab
Animal Reproduction		X	
Animal Genetics	X	X	
Integrative Physiology		X	X
Animal Nutrition and lab		X	X

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Preparation for Health Professions

	Pre-Veterinary	Pre-Med/Podiatry	Pre-Dental
Gen. Bio 1, 2 & lab	x	X	X
Gen. Chem. 1, 2 & lab	x	X	X
Org. Chem. 1, 2 & lab	x	X	X
Gen. Physics 1, 2 & lab	x	X	X
Calculus 1/Stats 401	Recommend/Require	Recommend/Require	Calc 1 & 2
Expository Writing 1 & Sci. Tech. Writing	X, [Some Pub. Speaking or Lit.]	X	X
Microbiology	Most	Recommend/Require	Recommend/Require
Genetics	Many	Recommend/Require	Recommend/Require
Biochemistry	Most	Recommend/Require	Recommend/Require
Other	Varies	Language & Human Behavior	Humanities/Social Sciences/Other

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Preparation for Health Professions

	Pre-Veterinary	Pre-Med/Podiatry	Pre-Dental
Gen. Bio 1, 2 & lab	x	X	X
Gen. Chem. 1, 2 & lab	x	X	X
Org. Chem. 1, 2 & lab	x	X	X
Gen. Physics 1, 2 & lab	x	X	X
Calculus 1/Stats 401	Recommend/Require	Recommend/Require	Calc 1 & 2
Expository Writing 1 & Sci. Tech. Writing	X, [Some Pub. Speaking or Lit.]	X	X
Microbiology	Most	Recommend/Require	Recommend/Require
Genetics	Many	Recommend/Require	Recommend/Require
Biochemistry	Most	Recommend/Require	Recommend/Require
Other	Varies	Language & Human Behavior	Humanities/Social Sciences/Other

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English Placement Test Codes

355:DPT – Departmental Review in Progress (Essay needs to be read)
 356:155 – 01:356:155 English in Academic Discourse I
356:156 – 01:356:156 English in Academic Discourse II
 355:100 - 01:355:100 Basic Composition
355:101 - 01:355:101 Expository Writing I OR
 01:355:103 Exposition and Argument (Honors Expos.)
 AP Cr. – score of 4 or 5 on the AP English Language and Comp or the AP English Literature and Comp Exam

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Math Placement Test Codes

640CMP - 01:640:001/025 Computational Skills with Elem. Algebra
 640EAL - 01:640:025 Elementary Algebra
640IMA - 01:640:026 Intermediate Algebra
640CMA - 01:640:111/112 Precalculus I & II (two semester course)
 640PCA – 01:640:115 Precalculus (one semester)
 640CLG – 01:640:115 Precalc (Recommended) OR
 01:640:135 Calculus I for Life and Social Sciences
 640CLS – 01:640:135 Calc I for Life and Social Sciences OR
 01:640:151 Calc I for Math and Physical Sciences
 640CAL2/640CAL3 - Indicates student has AP credit for Calc I and/or Calc 2

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Impact of Placement Scores

	640:CMP/EAL 640:IMA	640:CMA or 640:PCA	640:CLG or 640:CLS
356:155 356:156	Biology 103 Bio 199 (Only 156/IMA) No Chemistry No Economics	Biology 103 Bio 199 Intro Chem: 134 or Ext. Chem 165 Princ. Microecon	Biology 103 Bio 199 Ext. Chem 165 or Gen. Chem 161 Princ. Microecon
355:100 355:DPT	Biology 103 Bio 199 (Only 100/IMA) No Chemistry No Economics	Biology 103 Bio 199 Intro Chem: 134 or Ext. Chem 165 Princ. Microecon	No Biology Ext. Chem 165 or Gen. Chem 161 Princ. Microecon
355:101 – 355:103 AP Cr. Expos.	Biology 103 Bio 199 (Only IMA) No Chemistry No Economics	Gen. Biology 115 Intro Chem: 134 or Ext. Chem 165 Princ. Microecon	Gen. Biology 115 Ext. Chem 165 or Gen. Chem 161 Princ. Microecon

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Specifics for Fall 2021

- Animal Science 142 will be on everybody's schedule unless there is a conflict with Biology or Math or English
- No prerequisites for the following courses
 - Companion Animal Science 250
 - Lab Animal Science Management & Techniques 275
 - Email uzumcu@sebs.rutgers.edu for SPNs, if interested in 275

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Typical First Semester Sequences

1	2	3
<ul style="list-style-type: none"> • Precalculus 01:640:111/115 • Expository Writing 01:355:101 • Gen Biology 01:119:115 • Intro to Ani Sci 11:067:142 • SEBS Core course • FIGS/Byrne Seminar 	<ul style="list-style-type: none"> • Algebra 01:640:025/026 • Expository Writing 01:355:101 • Intro to Ani Sci 11:067:142 • Prep for Biology 01:119:199 • SEBS Core course • FIGS/Byrne Seminar 	<ul style="list-style-type: none"> • Calculus 01:640:135/151 • Expository Writing 01:355:101 • Gen Biology 01:119:115 • Intro to Ani Sci 11:067:142 • SEBS Core course • FIGS/Byrne Seminar

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 **RUTGERS**

Typical First Semester Sequences Continued

4	5	6
<ul style="list-style-type: none"> • Precalculus 01:640:111/115 • Basic Com/EAD 01:355:100/356 • Intro to Ani Sci 11:067:142 • Comp Ani Sci 11:067:250 • SEBS Core course • FIGS/Byrne Seminar 	<ul style="list-style-type: none"> • Algebra 01:640:025/026 • Basic Comp/EAD 01:355:100/356 • Intro to Ani Sci 11:067:142 • Prep for Biology 01:119:199 • SEBS Core course • FIGS/Byrne Seminar 	<ul style="list-style-type: none"> • Calculus 01:640:135/151 • Expository Writing 01:355:101 • Gen Chemistry 01:160:161/165 • Intro to Ani Sci 11:067:142 • Animal Reproduction 11:067:327 • FIGS/Byrne Seminar

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Typical First Semester Sequences for Transfer Students

First Priority	Second Priority
11:067:142 Animal Science (3 cr)	11:067:327 Animal Reproduction (3 cr)
11:067:250 Comp. Animal Science (3 cr, SR)	11:067:328 Animal Genetics (3 cr)
01:640:1xx Math course (4 cr)	11:067:300 Integrative Physiology (4 cr, SR)
01:355:1xx English course (3-4 cr)	11:067:330 Animal Nutrition (3 cr)
01:119:115 General Biology (4 cr)	11:067:331 Animal Nutrition Lab (3 cr)
01:160:161/165 General Chemistry (4 cr)	
11:067:175/176- EBE course (1 cr, farm)	

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Tips for incoming students

- IMA + Prep for Biology = General Biology in Spring 2022
- Completion of General Biology in Summer 2022
- Understand community college course transfer process
 - [Transfer Policy](#)
- Pair of courses that *cannot* be split up:
 - Precalc 111 and 112
 - General Biology I and II
 - Organic Chemistry I and II
 - Biochemistry I and II
- Pair of courses that *can* be split up:
 - Gen Chemistry I and II
 - Physics I and II

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Experience-Based Education Courses in Fall 2021

- **7 credits required to graduate**
- **Animal Handling courses 11:067:175 and 11:067:176 are open (capacities are limited)**
 - > **What's the difference?**
 - > **Register only if you can commute from home or can confirm in-person attendance!**
- **Laboratory Animal Science Management and Techniques 275**
- **Studies in Animal Science 411**
- **Teaching in Animal Science 414**
- **SPIN (sebsolin.rutgers.edu)**
- **Research in Animal Science 493**
- **G.H. Cook Honors Program (sebhonors.rutgers.edu/gh-cook-scholars)**

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 \(WWSA\)](#)), then follow the directions.
Note: Do this now because you will be deregistered from your course if you do not have medical clearance by Sept 03, 2021.

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Experience-Based Education Courses in Spring 2022

- Animal Handling 11:067:175
- Animal Handling Supervisors 11:067:176
- Practicum Courses 11:067:201-207
- Laboratory Animal Science Mgmt and Techniques 275
- *In Vivo* Lab Animal Techniques 416
- Dairy Cattle Artificial Insemination 11:067:322 will be offered in Spring 2022 (Animal Reproduction 327 is the prerequisite)
- Studies in Animal Science 411
- Teaching in Animal Science 414
- SPIN (sebsspin.rutgers.edu)
- Research in Animal Science 494
- G.H. Cook Honors Program (sebshonors.rutgers.edu/gh-cook-scholars)

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Ani Sci Student Organizations RU-Involved Fair on 8/30!

- Society of Animal Science
- Veterinary Science Club
- Seeing Eye Puppy Raising Club
- Companion Animal Club
- Rutgers Mounted Patrol
- Rutgers Equestrian Team



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Important Links

- > Schedule of Classes, sis.rutgers.edu/soc
- > Undergraduate Program in Animal Science, animalsciences.rutgers.edu/undergraduate – QUICK 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
- > Animal Sciences Facebook page, www.facebook.com/rutgersanimalsciences
- > SEBS Academic Programs, sebs.rutgers.edu/academics
- > RU-NB Registrar, npreistrar.rutgers.edu
- > Summer Session Office, summer.rutgers.edu
- > Rutgers Learning Centers, rlc.rutgers.edu
- > Counseling (CAPS), health.rutgers.edu/general-resources/RSH-operating-status
- > Rutgers Recreation, <http://recreation.rutgers.edu/>

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A few final tips

- Masks are required in all classroom spaces
- Know the difference between in-person vs Synchronous Remote vs Asynchronous Remote
- Find your touchdown spaces
- Enjoy life, much to look forward to!

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