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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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

First-years: DECLARE YOUR MAJOR in FEB 2022
Transfers: DECLARE YOUR MAJOR NOW
## Prerequisite Courses for Core Animal Science courses

<table>
<thead>
<tr>
<th></th>
<th>Animal Science</th>
<th>Biology with lab</th>
<th>Chemistry with lab</th>
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<tbody>
<tr>
<td>Animal Reproduction</td>
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<td>Animal Genetics</td>
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## Preparation for Health Professions

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<th>Pre-Veterinary</th>
<th>Pre-Med/Podiatry</th>
<th>Pre-Dental</th>
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<tr>
<td>Gen. Bio 1, 2 &amp; lab</td>
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<td>X</td>
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<tr>
<td>Gen. Chem. 1, 2 &amp; lab</td>
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<td>Org. Chem. 1, 2 &amp; lab</td>
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<tr>
<td>Gen. Physics 1, 2 &amp; lab</td>
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<td>Calculus 1/State 401</td>
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<td>Recommend/Require</td>
<td>Cal: 1 &amp; 2</td>
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<td>Expository Writing 1 &amp;</td>
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<td>Sci. Tech. Writing</td>
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<td>Microbiology</td>
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<td>Recommend/Require</td>
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<td>Genetics</td>
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<td>Biochemistry</td>
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<td>Recommend/Require</td>
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<td>Other</td>
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<td>Language &amp; Human Behavior</td>
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<td>Humanities/Social Sciences/Other</td>
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8/24/21
English Placement Test Codes

355:DPT – Departmental Review in Progress (Essay needs to be read)
356:156 – 01:356:156 English in Academic Discourse II
355:100 - 01:355:100 Basic Composition
AP Cr. – score of 4 or 5 on the AP English Language and Comp or the AP English Literature and Comp Exam

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

Impact of Placement Scores
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 zuumcu@sebs.rutgers.edu for SPNs, if interested in 275

Typical First Semester Sequences

1
- 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
- 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
- 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

Typical First Semester Sequences Continued

4
- 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
- Algebra 01:640:025/026
- Basic Com/EAD 01:355:100/356
- Intro to Ani Sci 11:067:142
- Prep for Biology 01:119:199
- SEBS Core course
- FIGS/Byrne Seminar
- 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
- SEBS Core course
- FIGS/Byrne Seminar
Typical First Semester Sequences for Transfer Students

**First Priority**
- 11:067:142 Animal Science (3 cr)
- 11:067:250 Comp. Animal Science (3 cr, SR)
- 01:640:1xx Math course (4 cr)
- 01:119:115 General Biology (4 cr)
- 01:160:161/165 General Chemistry (4 cr)
- 11:067:175/176 - EBE course (1 cr, farm)

**Second Priority**
- 11:067:327 Animal Reproduction (3 cr)
- 11:067:328 Animal Genetics (3 cr)
- 11:067:330 Animal Nutrition (3 cr)
- 11:067:331 Animal Nutrition Lab (3 cr)

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

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 (animalscience@)
- Research in Animal Science 493
- G.H. Cook Honors Program (sebshonors.rutgers.edu/gch-cook-scholars)

**Working with Animals in the Fall?**
Go to the Animal Science Undergraduate Program homepage and click on the "Working with Animals" link (sebshonors.rutgers.edu/animal-science/working-with-animals) for 20211 and the directions.
Note: Do the test because you will be deregistered from your course if you do not have clearance or do not have medical clearance by Sept 03, 2021.
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 Management 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 (sebsahonors.rutgers.edu/gh-cook-scholars)

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 Animal Science Club
- Rutgers Equestrian Team

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); SIE info; faculty email addresses
- Animal Sciences Facebook page, www.facebook.com/animalsciences
- SEBS Academic Programs, sis.rutgers.edu/academics
- RU-NB Registrar, nbroadregistrar.rutgers.edu
- Summer Session Office, summer.rutgers.edu
- Rutgers Learning Centers, rlcenter.rutgers.edu
- Counseling (CAPS), health.rutgers.edu/general/role/rutgers-operating-status
- Rutgers Recreation, recreation.rutgers.edu
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!