Animal Science UPD Report
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Student Concerns
- Information from advisors
  - There are information that students should know about but advisors do not tell the students and they have to find out some place else
  - The wrong information given.
- New courses offered
  - When offering a new class, make sure that the professor teaching the new course has a plan on what they will be doing throughout the semester.

Course Requirements
- **Animal Science: Pre- Vet and Research**
  - Life and Physical Science Requirements
    - General Biology and Lab
    - General Chemistry and Lab
  - Animal Science Major Requirements
    - Animal Science
    - Integrative Physiology and/or Systems Physiology
    - Animal Reproduction
    - Animal Nutrition and Lab
    - Genetics
  - Pre Vet medicine and Research Requirements
    - General Biochemistry
    - General Microbiology
  - Calculus I
  - Organic Chemistry and Lab
  - Physics I and II
  - Pre Vet Medicine option electives (3 courses)
  - Experienced based Education (9 credits)
  - Animal Science Electives (6 credits)
- **Animal Science: Companion Animal Science**
  - Life and Physical Science Requirements
    - General Biology and Lab
    - General Chemistry and Lab
  - Animal Science Major Requirements
    - Animal Science
    - Integrative Physiology and/or Systems Physiology
    - Animal Reproduction
    - Animal Nutrition and Lab
    - Genetics

- ○ Companion Animal Science Requirements (8 credits)
- ○ Math Requirement (4 credits)
- ○ Economics (2 courses)
- ○ Animal Science Electives (6 credits)
- ○ Experienced- Based Education (9 Credits)
- ● **Animal Science: Equine Science**
  - ○ Life and Physical Science Requirements
    - ■ General Biology and Lab
    - ■ General Chemistry and Lab
  - ○ Animal Science Major Requirements
    - ■ Animal Science
    - ■ Integrative Physiology and/or Systems Physiology
    - ■ Animal Reproduction
    - ■ Animal Nutrition and Lab
    - ■ Genetics
  - ○ Equine Science Requirements (10 courses)
  - ○ Equine Science Electives (6 credits)
  - ○ Experienced Based Education (9 credits)
  - ○ Animal Science Electives (6 credits)
- ● **Animal Science: Laboratory Animal Science**
  - ○ Life and Physical Science Requirements
    - ■ General Biology and Lab
    - ■ General Chemistry and Lab
  - ○ Animal Science Major Requirements
    - ■ Animal Science
    - ■ Integrative Physiology and/or Systems Physiology
    - ■ Animal Reproduction
    - ■ Animal Nutrition and Lab
    - ■ Genetics
  - ○ Laboratory Animal Science Requirements (6 courses)
  - ○ Math Requirement (4 credits)
  - ○ Organic Chemistry and Lab
  - ○ Animal Practicum section LA
  - ○ Experienced Based Education (7 credits)
  - ○ Animal Science Electives (6 credits)
- ● **Animal Science: Production Animal Science**
  - ○ Life and Physical Science Requirements
    - ■ General Biology and Lab
    - ■ General Chemistry and Lab
  - ○ Animal Science Major Requirements
    - ■ Animal Science
    - ■ Integrative Physiology and/or Systems Physiology
    - ■ Animal Reproduction

- ■ Animal Nutrition and Lab
- ■ Genetics
  - ○ Production Animal Science Requirements (10 courses)
  - ○ Math Requirement (7 credits)
  - ○ Production Animal Science Electives (6 credits)
  - ○ Experienced Based Education (9 credits)
  - ○ Animal Science Electives (6 credits)

Interests and Department Feedback:

- A lot of upperclassmen I know, didn't know about G.H Cook. It'd be nice if freshmen knew from the start of class so that they can get used to working with a professor under a lab and etc. People hear about this honors thesis junior year and wish they knew beforehand
  - It is covered in freshman orientation and Intro to Animal Science
  - Dr. Watford can be contacted if you have any further questions on G. H. Cook.

- It'd be nice to know what classes would be offered for one academic year and not semester. It's hard to plan out what classes to take especially if we need to substitute major classes that are not offered. For example, Animal Disease is not offered this upcoming spring semester. This does not follow the course schedule on what semester classes are usually offered.
  - Classes are currently planned 1 semester ahead of time. A year by year schedule is not feasible because who is available on teaching staff is inconsistent.
  - However a report is sent out in the newsletter.
  - Alternative classes are always offered in case a certain class is unavailable.

- Solid Gems Chemistry can never sign up for upper level sciences in most departments when Chemistry is listed as a pre-req. Although these classes are equivalent, the Solid Gems Chem. is not as well known and its course # is not added to pre req's on Web Reg.
  - Currently this is seen as a miscommunication between the rutgers computer systems and is being worked on.
  - Administration is aware of the problem.
  - The Web Reg program lacks the available space to list numerous equivalent classes.

- NESA credits have seen an issue with application to Degree Navigator.
  - This problem was recently looked into and it should be fixed.

- There is a course template for what classes are recommended to take every year based on your animal science major. I came across this last year and if I had that my freshmen year, my life would have been a lot easier. Maybe blast a recommended course schedule to all animal science majors? Especially for freshmen.
    - These are sent out to all Freshman, however there's an issue with generic course schedules while students need more individualised course schedules especially when there are transfers and freshman with varying schedules. The best course of action is to ask your advisor for assistance!

- Some classes, such as for animal production science major, are offered every other year. If you miss a class, it is difficult to graduate on time since its timing could hold you back. Is there any way to have classes every year at least for one semester? (Some farm classes are offered alternative years)
    - It's not possible with the amount of students. Here's why:
        - The number of students in the specific production concentration is so small that, to offer a smaller class like this every year would produce class sizes of only a few students at a time. This would be very inefficient for the department to allocate teaching resources like Dr. Westendorf and other teachers to teach these detailed classes to a very small group of students.

- Degree Navigator is not updated on what classes count for animal science electives or not. It is always hard to tell if some of the classes we take count of a requirement or not when degree navigator is not up to date.
    - These are the limitation to capabilities of degree navigator program: updates are only available to add curriculum once a year. You are grandfathered in with your version of degree navigator when you arrive at Rutgers, they are not allowed to change the curriculums since that would be unfair to the student. This protects the student from having required classes added later on in their academic career, however this also prevents a student from seeing new option electives available to them.
    - ***Curriculum Progression Checklists*** at the http://animalsciences.rutgers.edu/ >undergrad program>major> has all the updated options and electives available to each student regardless of what their DN says.

- Many freshmen come in thinking "Pre Vet" is the only option for animal science. It would be nice to have an event or a pamphlet to show that there are many choices in this major than just becoming a vet. Even if someone is under the Pre Vet requirement, knowing that there are other career choices outside of vet is nice information to know.
    - There is a course offered by Dr. Rahman called Careers in Animal Science, which explore's the student's potential career paths post graduation that don't follow the typical path's like vet school. Also, talking to your advisors, networking

or speaking with peers are good ways to expand your knowledge of available career paths.

- When is the best time to contact an advisor to set up a meeting?
    - The best time to schedule meetings with advisors is outside of registration period. During this time, they become very busy with a flood of student requests. A good tip would be to not wait until you are one of a hundred or so people contacting your advisor about something urgent like what classes you should register for.