

**RESTRICTED ELECTIVES
FOR
ANIMAL AND POULTRY SCIENCES MAJORS**

For Students Graduating 2016 or Later

SCIENCE OPTION

The purpose of the restricted elective credits in the program of an Animal and Poultry Sciences student who has chosen the **Science Option** is to allow in-depth development in a particular science area. In addition, up to 19 restricted credits (depending on the emphasis chosen – livestock, poultry, equine, or companion/lab animal) may be chosen from business and/or agricultural electives to allow a student to broaden the base of expertise, or pursue a particular area of interest outside the basic sciences. The set of courses which fulfill the restricted elective requirement should be developed with the student's advisor, submitted in writing to the Advising Office, and placed in the student's record prior to taking the courses. Remember that at least 9 of the 38 credits must be 4XXX including the chosen production course (APSC 4404, 4414, 4424, 4444, or 4464).

1. The Vet School at Virginia Tech requires the following courses*, all of which are science electives:

CHEM 2535-2536, 2545-2546

PHYS 2205-2206, 2215-2216

BCHM 2024 or BCHM 3114 or BCHM 4115

<p>*NOTE: These courses fulfill the requirements for admission to the Virginia/Maryland Regional College of Veterinary Medicine. Students are responsible for checking to be sure they meet the requirements for admission to other veterinary schools.</p>
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These courses can be completed as part of the **Science Option**, the Pre-Vet Option, or the Production-Business Option.

2. **Science Option** students developing strength in an Animal or Poultry Science specialization (nutrition, physiology, or animal breeding) should choose courses in the appropriate field of specialization. This group of electives will represent a coherent development of subject matter in that specialization. The courses listed below also represent courses that students have taken previously to count towards the science option.

ALS 4554 Neurochemical Regulation

ALS 4574 Social Behav. Of Birds & Mammals

APSC 3304 Embryology

APSC 4304 Bovine Repro. Practices

BIOL 3774 Molecular Biology

BIOL 4774 Molecular Biology Lab

DASC 4374 Physiology of Lactation

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