

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

**For Students Graduating 2011 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 16 restricted credits (depending on the emphasis chosen – livestock, poultry or equine) 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, or 4444).

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

**\*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.**

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 an advisor in the appropriate field with whom to develop the science electives list. This group of electives will represent a coherent development of subject matter in that specialization.
3. Faculty across the university working in biotechnology, including those in Animal and Poultry Sciences, suggest the courses listed below for **Science Option** students serious about careers in this growing field:

|                           |           |
|---------------------------|-----------|
| MATH 1016                 | BCHM 4784 |
| BIOL 2604, 1614           | BIOL 3774 |
| CHEM 2535-2536, 2545-2546 | BIOL 4774 |
| BCHM 3114 and 3124        |           |

**APPROVAL FORM ON BACK**

**RESTRICTED ELECTIVES APPROVAL FORM**  
**For Animal and Poultry Sciences Students Graduating 2011 or Later**

**SCIENCE OPTION**

| <b><u>Credit Hours:</u></b> | <b><u>Emphasis (Select One)</u></b>             |   |  |
|-----------------------------|---|---|--|
|                             | <b><u>(SCEL)</u></b><br><b><u>Livestock</u></b> | <b><u>(SCEP)</u></b><br><b><u>Poultry</u></b> | <b><u>(SCEE)</u></b><br><b><u>Equine</u></b> |
| Science electives           | _____ (≥15)                                     | _____ (≥15)                                   | _____ (≥15)                                  |
| Business electives          | _____   | _____   | _____  |
| Agricultural electives      | _____   | _____   | _____  |
| Emphasis requirements       | <u>4 or 5</u>                                   | <u>5</u>                                      | <u>8</u>                                     |
| Total Restricted Electives  | 38*   | 38*   | 38*  |

\*At least 9 of the 38 cr. must be 4XXX

| <b><u>Dept. &amp; No.</u></b>    | <b><u>Title</u></b> | <b><u>Cr.</u></b> |
|----------------------------------|---------------------|-------------------|
| <b><u>Science electives:</u></b> |                     |                   |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |
| _____                            | _____               | _____             |

| <b><u>Emphasis Requirements</u></b> |                        |                                  |
|-------------------------------------|------------------------|----------------------------------|
| <b><u>Dept. &amp; No.</u></b>       | <b><u>Title</u></b>    | <b><u>Cr.</u></b>                |
| <b><u>Poultry Emphasis:</u></b>     |                        |                                  |
| APSC 2104                           | Poultry Lab            | <u>1</u>                         |
| APSC 4404                           | Comm. Poul. Ent. Mgt.  | <u>3</u>                         |
| <b><u>Equine Emphasis:</u></b>      |                        |                                  |
| APSC 2124                           | Horse Mgt & Lab        | <u>1</u>                         |
| APSC 2424                           | Intro. Equine Industry | <u>3</u>                         |
| APSC 4424                           | Horse Prod. & Mgt.     | <u>4</u>                         |
| <b><u>Livestock Emphasis:</u></b>   |                        |                                  |
| APSC 2114                           | Lvst. Mgt. & Handling  | <u>1</u>                         |
| OR {                                | APSC 4414              | Beef/Sheep Prod. & Ind. <u>4</u> |
|                                     | APSC 4444              | Swine Production <u>3</u>        |

|                                   |       |       |
|-----------------------------------|-------|-------|
| <b><u>Business electives:</u></b> |       |       |
| _____                             | _____ | _____ |
| _____                             | _____ | _____ |

|                                       |       |       |
|---------------------------------------|-------|-------|
| <b><u>Agricultural electives:</u></b> |       |       |
| _____                                 | _____ | _____ |
| _____                                 | _____ | _____ |

**Signatures:** \_\_\_\_\_

**Student ID:** \_\_\_\_\_

\_\_\_\_\_  
**Advisor** **Date**

\_\_\_\_\_  
**Student** **Date**

\_\_\_\_\_  
**Coordinating Counselor** **Date**

\_\_\_\_\_  
**Academic Dean** **Date**