## 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

\*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 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

## RESTRICTED ELECTIVES APPROVAL FORM

For Animal and Poultry Sciences Students Graduating 2016 or Later

## **SCIENCE OPTION**

		Emphasis (Select Une)						
Credit Hours:	(SCEL) <u>Livestock</u>	(SCEP) Poultry		(SCEE) Equine	` '		ahoratory	
Science electives			<b>&gt;15</b> )	Equine		<del>-</del>		
Business electives	<u>(&gt;15)</u>	(	≥13)		_(≥15)	(≥15)		
				_	<u>-</u>			
Agricultural electives				0	<u>-</u>	0		
Emphasis requirement Total Restricted Electives	38*	<u>5</u> 38*				<u>8</u> 38*		
*At least 9 of the 38 cr. must be 4XXX				<b>Emphasis Requirements</b>				
Dept. & No.	Title	Cr.	Dept.	& No.	Title	<u> </u>	<u>Cr.</u>	
Science electives:			Poult	Poultry Emphasis:				
			APSC	2104	Poultry Lab	<u> </u>	1	
			APSC	4404	Comm. Pou	ıl. Ent. Mgt.	_4	
			<u>Equin</u>	Equine Emphasis:				
			APSC	2124	Horse M	gt & Lab	1	
		_	APSC	2424	Intro. Equi	ne Industry	3	
			APSC	4424	Horse Prod	. & Mgt.	4_	
			Livestock Emphasis:					
Business electives:			APS	SC 2114	Lvst. Mgt.	& Handling	1_	
			<u> AI</u>	PSC 4414	Beef/Sheep	Prod. & Ind.	4	
			$\mathbf{OR} \left\{ \underline{\mathbf{Al}} \right\}$	PSC 4444	Swine Prod	uction	3	
Agriculture electives:			Companion/Lab Animal Emphasis:  APSC 2164 Comp/Lab Anim. Care & Handling					
			APSC 3064 Comp/Lab Anim. Sci.					
			APSC 4464 Comp/Lab Anim. Health & Mgt.				Igt. 4	
Student Name:		_	Stud	lent ID:_			_	
Advisor Signature Date		e e	S	tudent S	ignature	D	ate	
Coordinating Counselor Signature Date			$ar{A}$	cademic	Dean Signa	ture D	<b>D</b> ate	