

RESTRICTED ELECTIVES
FOR
ANIMAL AND POULTRY SCIENCES MAJORS
For Students Graduating 2021 or Later

PRE-VET OPTION

The **Pre-Vet Option** is designed to help students meet admission requirements for colleges of veterinary medicine. In addition to the 19 required pre-vet credits, 11 to 15 credits (depending on the emphasis chosen – livestock, poultry, equine or companion/lab animal and their specific requirements) are chosen from science, business and/or agricultural/applied electives to allow a student to broaden the base of expertise or pursue a particular area of interest. 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.

Requirements for the Pre-Vet Option in APSC differ from VMCVM requirements (<https://www.vetmed.vt.edu/academics/dvm/admissions/requirements.asp>). Students are responsible for ensuring that they fulfill prerequisite requirements for the vet schools to which they are applying.

Additional courses recommended for pre-vet students include:

ALS/BIOL 4554 Neurochemical Regulation

BIOL 2614 Gen. Microbiol Lab

BIOL 4664 Virology

BIOL 2104 Cell & Molecular Biology

BIOL 2504 General Zoology

BIOL 3454 Intro to Parasitology

BIOL 2004 Intro to Genetics

BIOL 4674 Pathogenic Bacteriology

BIOL 4704 Immunology

BMVS 4024 Diseases of Poultry

BIOL 4104 Developmental Biology

***HNFE 2204** Medical Terminology

*Required by VMCVM

NOTE: At least 9 of the 38 total restricted electives must be 4XXX including the chosen production course (APSC 4404, 4414, 4424, 4444 or 4464). Don't forget to take this into account when choosing electives.

See pages 2 and 3 of the APSC degree checksheet for other restricted electives

APPROVAL FORM ON BACK

RESTRICTED ELECTIVES APPROVAL FORM

For Animal and Poultry Sciences Students Graduating 2021 or Later

PRE-VET OPTION (PVT)

Emphasis (Select One)

<u>Credit Hours:</u>	<u>Livestock</u>	<u>Poultry</u>	<u>Equine</u>	<u>Comp/Lab Animal</u>
Option Requirements	___ (19)	___ (19)	___ (19)	___ (19)
Science electives	___	___	___	___
Business electives	___	___	___	___
Agricultural electives	___	___	___	___
Emphasis requirements	<u>4 or 5</u>	<u>5</u>	<u>8</u>	<u>8</u>
Total Restricted Electives	38*	38*	38*	38*

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

<u>Dept. & No.</u>	<u>Title</u>	<u>Cr.</u>
<u>Science electives:</u>		
CHEM 2535-36	Organic Chemistry	<u>6</u>
CHEM 2545-46	Organic Chem Lab	<u>2</u>
PHYS 2205-06	General Physics	<u>6</u>
PHYS 2215-16	Gen. Physics Lab	<u>2</u>
BCHM 2024	Biochemistry	<u>3 or 4</u>
	<u>or higher</u>	
_____	_____	___
_____	_____	___
_____	_____	___
<u>Business electives:</u>		
_____	_____	___
_____	_____	___
_____	_____	___
<u>Agriculture/Applied electives:</u>		
_____	_____	___
_____	_____	___
_____	_____	___

<u>Emphasis Requirements</u>			
<u>Dept. & No.</u>	<u>Title</u>	<u>Cr.</u>	
<u>Poultry Emphasis:</u>			
APSC 2104	Poultry Lab	<u>1</u>	
APSC 4404	Comm. Poul. Ent. Mgt.	<u>4</u>	
<u>Equine Emphasis:</u>			
APSC 2124	Horse Mgt Lab	<u>1</u>	
APSC 2424	Intro. Equine Industry	<u>3</u>	
APSC 4424	Horse Prod. & Mgt	<u>4</u>	
<u>Livestock Emphasis:</u>			
APSC 2114	Lvst. Mgt. & Handling	<u>1</u>	
or {	APSC 4414	Beef/Sheep Production	<u>4</u>
	APSC 4444	Swine Production	<u>3</u>
<u>Companion/Lab. Anim Emphasis:</u>			
APSC 2164	Comp/Lab An Mgt. & Hand.	<u>1</u>	
APSC 3064	Comp/Lab An Science	<u>3</u>	
APSC 4464	Comp/Lab. An. Health & Mgt	<u>4</u>	

Student ID (last 4 digits): _____

Student Name: _____

Advisor Signature Date

Student Signature Date

Undergrad. Program Dir. Signature Date

Academic Dean Signature Date