

**GENERAL AGRICULTURE
ANIMAL AND POULTRY SCIENCE CONCENTRATION
OPTION II (PRE-VETERINARY/PRE-PROFESSIONAL)**

I. General Education Requirements

TOTAL REQUIRED FOR GENERAL EDUCATION – 43 Credits

Students should consult with their freshman or departmental advisor when making course selections.

A. Curriculum Area I - (Arts and Humanities) 9 Credits

Students must select ENGL 203 plus two additional courses

ARTS: ARTS 101, ARTS 310, MUSI 100, MUSI 101, MUSI 109, MUSI 301H
HISTORY: HIST 201, HIST 202, HIST 333, HIST 334, HIST 341, HIST 360, ARTS 310
LANGUAGE: FREN 101, FREN 102, SPAN 101, SPAN 102
LITERATURE: ENGL 204, ENGL 205, ENGL 206, ENGL 207, ENGL 215, ENGL 218, ENGL 327, ENGL 328, ENGL 329, ENGL 401

B. Curriculum Area II - (Social Sciences) 6 Credits

Students must select one course in each of two disciplines

SOCIAL SCIENCES: ECON 201 or ECON 201H, ECON 202 or ECON 202H, 3
 GEOG 201 or GEOG 202, HIST 101 or HIST 111H,
 HIST 102 or HIST 112H, POLI 200 or POLI 200H, POLI 342
 SOCI 101 or SOCI 111H

BEHAVIORAL SCIENCES: CRJS 101, HUEC 203, HUEDC 220, HUEC 361,
 PSYC 200, SOCI 201, SOWK 200 or SOWK 200H 3

C. Curriculum Area III - (Biological and Physical Sciences) 12 Credits

Course No.	Title	Credits
CHEM 111	Principles of Chemistry I	3
CHEM 113	Principles of Chemistry I Lab	1
CHEM 112	Principles of Chemistry II	3
CHEM 114	Principles of Chemistry II Lab	1
BIOL 111	Principles of Biology I	3
BIOL 113	Principles of Biology II	1

D. Curriculum Area IV - (Mathematics) 3 Credits

Course No.	Title	Credits
MATH 110	Trigonometry and Analytical Geometry <u>or</u>	
MATH 112	Calculus I	3*

Placement in MATH 110 is based on placement test scores or successful completion of MATH 109.

E. Curriculum Area V - (English Composition) 9 Credits

Course No.	Title	Credits
ENGL 101	Basic Composition I	3
ENGL 102	Basic Composition II	3
ENGL 305	Technical Writing <u>or</u>	
ENGL 310	Advanced Composition	3

F.	Curriculum Area VI - (Emerging Issues)	4 Credits																																																			
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	**A minimum cumulative grade of "C" (GPA 2.0) is required for supportive courses.																																																				
V.	Free Electives	3 Credit																																																			
	TOTAL PROGRAM REQUIREMENTS	120																																																			

**ANIMAL AND POULTRY SCIENCE
CONCENTRATION
Recommended Course Sequence
Option II
(Pre-Veterinary/Pre-Professional)**

FRESHMAN YEAR

FALL SEMESTER			HOURS
ENGL	101	Basic Composition I	3
BIOL	111	Principles of Biology I	3
BIOL	113	Principles of Biology I Lab	1
CHEM	111	Principles of Chemistry I	3
CHEM	114	Principles of Chemistry I Lab	1
AGNR	111	First Year Experience Seminar	1
ANPT	114	Introduction to Animal Science	4
Semester Total			16

SPRING SEMESTER			HOURS
ENGL	102	Basic Composition II	3
MATH	110	Analytical Geometry <u>or</u>	
MATH	112	Calculus I	3
ECON	201	Principles of Economics I	3
CHEM	112	Principles of Chemistry II	3
CHEM	114	Principles of Chemistry II Lab	1
EDHE	111	Personalized Health & Fitness	3
Semester Total			16

SOPHOMORE YEAR

FALL SEMESTER			HOURS
AGEC	213	Intro. to Ag. Economics	3
ANPT	214	Animal & Avian Physiology	4
CHEM	211	Fund. of Org. Chem. I	3
CHEM	213	Fund. of Org. Chem. I Lab	1
ANPT	223	Intro. to Poultry Tech Mgmt	3
PLSC	184	Intro to Plant Science	3
PLSC	185	Intro to Plant Science Lab	1
Semester Total			18

SPRING SEMESTER			HOURS
ENGL	203	Fund. of Cont. Speech	3
CHEM	212	Fund. of Org. Chem. II	3
CHEM	214	Fund. of Org. Chem. II Lab	1
BIOL	222	Genetics	3
BIOL	223	Genetics Lab	1
AGME	283	Eng. Prin. Appl. To Ag.	3
Semester Total			14

JUNIOR YEAR

FALL SEMESTER			HOURS
PHYS	121	Gen. College Physics I	3
PHYS	123	Gen. College Physics I Lab	1
ANPT	313	Intro. to Animal/Avian Nutrition	3
GER CURR. AREA II			3
MATH	210	Elementary Statistics <u>or</u>	
MATH	260	Statistics for Scientists. <u>or</u>	
CSPD Elective <u>or</u>			
BUED	212	Computer Concepts/ Appli. I	3
ELECTIVE		GER Area I	3
Semester Total			16

SPRING SEMESTER			HOURS
PHYS	122	Gen. College Physics II	3
PHYS	124	Gen. College Physics II Lab	1
ANPT	304	Repro. Physio. Dom. Ani.	4
BIOL	301	Microbiology <u>OR</u>	
AMIC	323	Agricultural Micro.	4
AGRI	301	Seminar	1
Semester Total			13

SENIOR YEAR

FALL SEMESTER			HOURS
ANPT		400 Level Production Elective	3
GER CURR. AREA I			3
ENGL	305	Tech Writing <u>or</u>	
ENGL	310	Advanced Comp.	3
CHEM	341	Biochemistry	3
CHEM	343	Biochemistry Lab	1
Semester Total			13

SPRING SEMESTER			HOURS
ANPT		400 Level Production Elective	3
ANPT 424		Animal & Avian Health & Dis.	4
Select one course:			
BIOL 311, BIOL 322,			
BIOL 326/327, BIOL 420/421,			
BIOL 426M			4
FREE Elective			3
Semester Total			14

Total Credits Required 120

