

Eight-Semester Degree Plan Bachelor of Science in Agriculture Major in Animal Science Emphasis in Pre-Veterinary Medicine 2023-2024

			Y	ear 1			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
ANSC 1613/1621	Intro to Animal Science/ Lab	4		AGEC 1003	Intro to AgriBusiness	3	
ENG 1003	Composition I	3	х	ENG 1013	Composition II	3	х
AGRI 1213	Making Connections in Agriculture	3		MATH 1033	Plane Trigonometry	3	х
MATH 1023	College Algebra	3	х	BIOL 1003/1001	Biological Science/ Lab	4	х
COMS 1203	Oral Communication	3	Х	ART / MUS/ THEA 2503	Choose 1: Fine Arts: Visual/ Music/ Theater	3	х
	Total Hours:		16		Total Hours:		16
			Y	ear 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
	Macroeconomics or Economic Concepts in issues	3	х	1 I	US History to 1876/ since 1876 or Intro to US Government	3	х
	World Literature to/ since 1660 or Intro to Philosophy	3	х	PSSC 1303	Intro to Plant Science	3	

Course No.	Course Name	Hrs	Gen Ed			
ECON 2313 or			Х			
2333	Concepts in issues					
ENG 2003/2013	World Literature to/ since 1660 or	3	x			
or PHIL 1303	Intro to Philosophy	5				
CHEM 1013/	General Chem I/ Lab	4	х			
1011		4				
HIST	Choose one: World Civ to/ since 1660;		х			
1013/1023;	Intro to sociology; Intro to Psychology;					
SOC 2013; POSC	Intro to Politics; Intro to Geography;	3				
1003; GEO2613;	Intro to Mass Communication					
CMAC 1003						
AGST 2003	Intro to Ag Systems	3				
	Total Hours:		16			

Spring Schlester					
Course No.	Course Name	Hrs	Gen Ed		
-	2763/2773 US History to 1876/ since 1876 or Intro		х		
or POSC 2103	to US Government				
PSSC 1303	Intro to Plant Science	3			
PHYS 2054	General Physics I	4			
CHEM 1023/1021	General Chemistry II/ lab	4			
Free Elective	Free Elective	1			
	Total Hours:		15		

Year 3

Fall Semester					
Course No.	Course Name	Hrs	Gen Ed		
ANSC 3633	Vet Anatomy and Physiology	3			
STAT 3233	Applied Statistics	3			
ANSC 3613	Nutritional Management Domestic Animals	3			
CHEM 3103/3101	Organic Chemistry I & Lab	4			
AGRI 2213 or BIO 3013	Genetic Improvement or *Genetics, Prereq of BIO 2013 & 2011 required	3			
	Total Hours:		16		

Spring Semester					
Course No.	Course Name	Hrs	Gen Ed		
ANSC Elective	Upper level ANSC Elective	3			
AGRI 420V or AGRI 4203 or AGRI 3103	Internships in Agriculture or Guided Research Experience or Regenerative Agriculture Fundamentals	3			
ANSC 4673	Digestive Physiology	3			
CHEM 3113/3111	Organic Chemistry II& Lab	4			
PHYS 2064	General Physics II	4			
	Total Hours:		17		

Year 4							
Fall Semester			Spring Semester				
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
BIO 2103/2101 or *BIO 4104	Microbiology for Nursing & lab or Microbiology, prereq BIO 2013/2011 Biology of the cell & lab	4		ANSC 4683	Reproductive Physiology	3	
ANSC Elective	Upper level ANSC elective	4		CHEM 4243	Biochemistry	3	
сомѕ	Principles of Argumentation OR Introduction to Interpersonal Communication OR Business and Professional Communication OR Principles of Persuasion OR Organizational Communication	3		ANSC Elective	Upper level ANSC elective	3	
				ANSC 4003	Current Issues in Animal AG	3	
	Total Hours:		12		Total Hours:		12
_	Total Upper-Level Hours:		45		Total Degree Hours:		120

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters. A minimum of 45 hours of upper-level credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. Failure to participate in required assessments may delay graduation.

Additional Graduation Requirements:

2023-2024 BACHELORS OF SCIENCE AGRICULTURE DEGREES

For a more detailed outline of all academic requirements and regulations for the Bachelors of Science in Agriculture degrees, please see the 2023-2024 Undergraduate Bulletin.

- 1. At least 120 credit hours
- 2. 45 hours of upper level (JR/SR) credit
- 3. Completed all required and elective hours
- 4. Maintain a minimum 2.0 GPA in all sections of the degree course work
 - a. General Education
 - b. Ag Core
 - c. Major Requirements
 - d. Program Emphasis Requirements
 - e. Free Electives
- 5. Minimum overall 2.0 GPA (including A-State and Transfer hours)