



NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY
SCHOOL OF AGRICULTURE AND ENVIRONMENTAL SCIENCES
DEPARTMENT OF ANIMAL SCIENCES
B.S. ANIMAL SCIENCE DEGREE

CURRICULUM GUIDE FOR ANIMAL SCIENCE MAJOR

Fall Semester – Year 1		Spring Semester – Year 1	
Engl 100-Ideas and their Expression I	3	Engl 101-Ideas and their Expression II	3
Phil 268 ³ -Introduction to Ethics	3	MATH 112-Calculus for Non-Math Majors	4
LASC 161-Orientation	1	ANSC 211-Animal & Lab Animal Science	3
FRST 100-University Survival	1	BIOL 100 or 101-Biological Sci or Concepts in Bio	4
LASC 162-Intro to Animal and Laboratory Ani Sci	3	HIST 201 ² -African American History to 1877	3
MATH 111-College Algebra & Trigonometry*	4	FRST 101-College Success	1
HPED 200-Personal Health	2		
Total Credit Hours:	17	Total Credit Hours:	18

Fall Semester – Year 2		Spring Semester – Year 2	
CHEM 106-General Chemistry VI	3	CHEM 107-General Chemistry VII	3
CHEM 116-General Chemistry Lab	1	CHEM 117-General Chemistry VII Lab	1
HIST 130 ⁴ - The World Since 1945	3	ENGL 200-Survey of Humanities I	3
ANSC 214-Agricultural Genetics	3	MATH 224-Intro Probability & Statistics	3
LASC 261-Medical Terminology	3	ANSC 212-Feeds and Feeding	3
PSYC 320-General Psychology	3	SOCI 100 ² -Principles of Sociology	3
Total Credit Hours:	16	Total Credit Hours:	16

Fall Semester – Year 3		Spring Semester – Year 3	
CHEM 221-Organic Chemistry I	3	CHEM 222-Organic Chemistry II	3
CHEM 223-Organic Chemistry I Lab	2	CHEM 224-Organic Chemistry II Lab	2
ANSC 411-Livestock Production	3	BIOL 220- Microbiology or BIOL 221 Gen. Microbiology	4
ANSC 411-Livestock Production Lab	0	ANSC 451-Poultry Production	3
LASC 459-Integrated Anatomy	4	ANSC 451-Poultry Production Lab	0
PHYS 225-College Physics	3	SPCH 250-Speech Communication	3
PHYS 235-College Physics Lab	1		
Total Credit Hours:	16	Total Credit Hours:	15

Fall Semester – Year 4		Spring Semester – Year 4	
CHEM 251-Elementary Biochemistry	2	LASC 461-Physiology of Domestic Animals	3
CHEM 252-Elementary Biochemistry Lab	1	Major Elective ¹	3
PHYS 226-College Physics I	3	ANSC 665-Biotechnology	3
PHYS 236-College Physics I Lab	1	ANSC 665-Biotechnology Lab	0
LASC 460-Microscopic Anatomy	3	ANSC 619 (Capstone)	3
LASC 460-Microscopic Anatomy Lab	0	ANSC 416-Swine Production	3
ANSC 413-Sanitation & Diseases of Farm Animals	2	ANSC 416-Swine Production Lab	0
Total Credit Hours:	12	Total Credit Hours:	15

- The student in consultation with advisor should choose major and other electives
 - Special consideration to changes in the curriculum will be considered based upon Students career goals
- ¹Major electives include (ANSC 217, 312, 415, 421, 555, 614, 624; LASC 363, 463, 569)
- ²The following courses can be used for a social/behavioral science: SOCI 200; African American: HIST 202,203
- ³The following courses can be used for humanities/fine arts: ENGL 201, 206; SPAN 101, 102; MUSI 216; PHIL 260 266, 267; African American: ENGL 209;LIBS 202, 223, 241; MUSI 220
- ⁴Social and Behavioral Science Global Awareness Studies: HIST 231or Humanities and Fine Arts Global Awareness

Studies: PHIL 265; ENGL 230, 231

**Math 111 (Sat qualification is 490-550)-Otherwise students of 440-480 will take Math 103 and 104
And then proceed to Math 112.*

Total Credit Hours for Degree Program=125