Department of Animal Science
College of Agriculture and Natural Resources
University of Nebraska - Lincoln

Animal Science Major: Animal Biology Option

Name

2008-2009 UNL Bulletin

College and Integrative Courses (3 Hours)

	Course taken	IS	Hrs	Sem taken
AGRI 103 (meets Library Research req.)			3	
International Focus Course – see A on back			(3)	

Departmental Requirements (16 Hours)

ASCI 100 Animal Biology & Industry			4	
ASCI 101 Intro to Animal Science			1	
ASCI 240 Anatomy & Physiology			4	
ASCI 320 Animal Nutrition & Feeding			3	
ASCI 451, 485, or 486 (Capstone)			3	
ASCI 491 Animal Science Seminar			1	

Natural Sciences (8 Hours)

BIOS 101 & 101L General Biology or **BIOS 102** Cell Structure & Function or **BIOS 103** Organismic Biology			4	
AGRO 315 or BIOS 206 Genetics			4	

Mathematics and Statistics (5 Hours)

Select courses to total 5 hours from: MATH 102 (2), MATH 104 (3), **MATH 106 (5), STAT 218 (3)**			5	

Communications (9 Hours)

Oral communication *Select from* COMM 109, 209, 212, 311; JGEN 300			3	
Written communication *Select from:* JGEN 200, ENGL 150, 151			3	
Communication elective *Select from:* ENGL 150, 151; ALEC 102, 305; COMM 109, 209, 212, or 311; JGEN 120, 200, 300			3	

Humanities and Social Sciences (18 Hours) – see back

AECN 141 or ECON 212 Micro Economics *Note: ECON 211 required for business option, recommended for all other options*			3	
Human Behavior, Culture, and Social Organization (Area C)			3	
Historical Studies (Area E)			3	
Humanities (Area F)			3	
Arts (Area G)			3	
Race, Ethnicity, & Gender (Area H)			3	

Experiential Learning (4 Hours):

Maximum of 3 credit hours from any one of the following six sections.	Course taken	IS	Hrs	Sem taken
1. Internship and Industry Experience (ASCI 395A, 419, 490A) 2. Animal and Meat Evaluation Experience (ASCI 300A, 300B, 300D, 300E, 400A, 400B, 400E) 3. Study Tours (ASCI 311A, 311B, 311D) 4. Extension Experience (ASCI 395B) 5. Research Experience (ASCI 395D, 419) 6. Teaching Experience (ASCI 395E)				

Animal Biology Option:

Departmental Requirements (17 Hours)

Select one: **ASCI 210**, 250, or **251**			3	
ASCI 330 Animal Breeding			4	
ASCI 341 Physiol & Mgt of Reproduction			4	
ASCI 300 or 400 level courses			6	

Natural Sciences (23-24 Hours)

CHEM 109 Gen. Chemistry I			4	
CHEM 110 Gen. Chemistry II			4	
CHEM 251 & 253 Organic Chemistry 1 Laboratory			4	
BIOC 321 & 321L or BIOC 431 & 433			4	
BIOS 312 & 314 Microbiology with Laboratory			4	
MYSM 109, PHYS 141 or 151 Physics			4-5	

Business Course (3 Hours) – see back

		3	

Free Electives (17-18 Hours) to total 128 hours.