

# 2011/2012 Animal Sciences - Equine Option

## Pre-Major Courses

<u>Course Prefix</u>	<u>Course Title</u>	<u>Units</u>	<u>Semester</u>	<u>Prerequisites</u>
_____ AREC 315	Agribusiness Econ & Mgmt.	3	F	ECON 200 or ECON 201A
_____ PL S 312	Animal & Plant Genetics	3	S	CHEM 151
_____ MCB 184 or 181R/L	Introductory Biology I	4	F / S	MATH 109C or 112 or math placement
_____	Statistics/Econometrics: Select one course: AREC 339, AREC 350, COMM 200, ISTA 116, MATH 263, PSYC 230 (most require math placement)			
_____	Communications: Select one course: A ED 301, AGTM 422, AN S396A & AN S496B (counts as 1 course), COMM 312, ENGL 307, ENGL 308, FSHD/FSHV 428			

## Major Requirements

_____ AN S 142	Intro to the Animal Racing Industry	2	F	
_____ AN S 215	Physiology of Domestic Animals	3	S	MCB 184 or 181R/L
_____ AN S 270	Introductory Horse Science	3	F	
_____ AN S 272	Introduction to Horsemanship Programs	2	F / S / SS	
_____ AN S 315R	Physiology of Reproduction	3	F	AN S 215 or ECOL 182, CHEM 152
_____ AN S 316	Equine Reproductive Physiology and Management	3	S	AN S 315R
_____ AN S 334	Principles of Nutrition	3	F	CHEM 152
_____ AN S 340	Race Track Marketing & Media Relations	3	S	AN S 142
_____ AN S 370	Form and Function of the Equine Athlete	3	S	AN S 270
_____ AN S 395A	Prof Development in Animal Agriculture	1	S	
_____ AN S 431	Equine Nutrition & Management	3	F	AN S 334
_____ AN S 444	Management of the Racing Animal	3	F	AN S 142, AN S 270
_____ AN S 475	Equine Enterprises	3	S	AN S270, AN S316 or concurrent, AN S431
_____ ACCT 200 or 250	Financial Accounting	3	F / S	
_____ AN S 301	Financial and Economic Strategies	3	F	
_____ AN S 446	Human Resource Management	3	S	Jr. or Sr. Standing
_____ AN S 447	Business Law	3	F	
_____ BNAD 303	Marketing Concepts and Tools in Business	3	F / S	
_____	Select two courses from:			
_____ AN S 271A	Training and Management of the Weanling	3	F	
_____ AN S 273	Developing the Training Foundation for Yearlings	3	S	
_____ AN S 371	Sales and Marketing for Perf. and Race Horse Prospects	3	F	

Animal Sciences Electives: 6 credits of AN S or VSC 3\*\*, 4\*\* courses

Course Number	Course Title	Units
_____	_____	_____
_____	_____	_____
_____	_____	_____

**THE UNIVERSITY OF ARIZONA**<sup>®</sup>  
**Department of Animal Sciences**  
**Bachelor of Science Degree Program**  
**2011/2012**

**Student Name** \_\_\_\_\_ **#** \_\_\_\_\_ **Date** \_\_\_\_\_

**GENERAL EDUCATION REQUIREMENTS**

1. Foundations – all transfer courses to satisfy foundation requirements must be approved by the respective departments

- \_\_\_\_\_ ENGL 101 – First Year Composition
- \_\_\_\_\_ ENGL 102 – First Year Composition
- \_\_\_\_\_ Mid-Career Writing Assessment: B or better in ENGL 102 or completion of ENGL 307
- \_\_\_\_\_ MATH 109C / MATH 112 – College Algebra
- \_\_\_\_\_ Second semester foreign language proficiency or completion of a second semester of a foreign language course

2. Tier 1

Traditions and Cultures – complete 2 courses from the following. Many departments offer these courses, so the prefix may be different for example NES 160A, HIST 160A, etc. They **key** is the number and letter. An additional number after the letter further identifies the course within the offering department for example NES 160A1 and NES 160A2. You may **not** complete 2 sections with the same number and ending letter to satisfy degree requirements.

- \_\_\_\_\_ 160A (TRAD 101) – Non-Western Cultures and Civilizations
- \_\_\_\_\_ 160B (TRAD 102) – Western Cultures and Civilizations: Classical to Renaissance
- \_\_\_\_\_ 160C (TRAD 103) – Western Cultures and Civilizations: Renaissance to Present
- \_\_\_\_\_ 160D (TRAD 104) – Topics in Culture and Civilization

Individuals and Societies – complete 2 courses from the following. Many departments offer these courses, so the prefix may be different for example NES 160A, HIST 160A, etc. They **key** is the number and letter. An additional number after the letter further identifies the course within the offering department for example NES 160A1 and NES 160A2. You may **not** complete 2 sections with the same number and ending letter to satisfy degree requirements.

- \_\_\_\_\_ 150A (INDV 101) – Mind, Self and Language
- \_\_\_\_\_ 150B (INDV 102) – Social Interactions and Relationships
- \_\_\_\_\_ 150C (INDV 102) – Societal and Institutional Relationships

Natural Sciences – This requirement must be satisfied with the following Chemistry courses

- \_\_\_\_\_ CHEM 151 General Chemistry – 4 units (Pre-requirement: completion of MATH 109C or 112 or math placement)
- \_\_\_\_\_ CHEM 152 General Chemistry – 4 units (Pre-requirement: CHEM 151)

3. Tier 2

- \_\_\_\_\_ Arts                    3 units    (see university course list)
- \_\_\_\_\_ Humanities        1 course   (see university course list)
- \_\_\_\_\_ ECON 200 or 201A    (Individuals and Societies)
- \_\_\_\_\_ Natural Science        (This requirement will be satisfied by completion of departmental requirements)

4. Diversity

- \_\_\_\_\_ Non-Western Cultures, Race, Gender, Class or Ethnicity course  
All 160A courses satisfy this requirement as do various other Tier One and Tier Two courses.

**UNDERGRADUATE DEGREE PROGRAM REQUIREMENTS**

\_\_\_\_\_ You must complete 120 credit hours, of which at least 42 must be upper-division. Hours remaining after satisfying all required coursework may be completed through elective course credits.

\_\_\_\_\_ You must request and submit a completed Application for Degree Certification (“degree check”) after enrolling for your last semester of coursework.