

THE UNIVERSITY OF ARIZONA®

Department of Animal Sciences

2007-2008 & 2008-2009

Student Name _____

Student ID _____

I. GENERAL EDUCATION CORE REQUIREMENTS (31 – 39 units)

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

Composition: _____ ENGL 101 and 102 or 103H and 104H 6 units
B or better grade in ENGL 102 satisfies Mid-Career Writing Assessment

Math: _____ MATH 110 4 units

Language: _____ Second semester foreign language proficiency or 0 units
_____ Two semesters of foreign language courses 8 units

Mid-Career Writing Assessment: See Pre major if not completed by foundation requirement 0 units

Tier 1

Traditions and Cultures – complete 2 courses from the following (You may not complete 2 sections from the same course number to complete the requirements.)

- _____ TRAD 101 – Non-Western Cultures and Civilizations – All TRAD 101 and some additional courses also satisfy Non-Western, . . .
- _____ TRAD 102 – Western Cultures and Civilizations: Classical to Renaissance
- _____ TRAD 103 – Western Cultures and Civilizations: Renaissance to Present
- _____ TRAD 104 – Topics in Culture and Civilization

Individuals and Societies – complete 2 courses from the following (You may not complete 2 sections from the same course number to complete the requirements.)

- _____ INDV 101 – Mind, Self and Language
- _____ INDV 102 – Social Interactions and Relationships
- _____ INDV 103 – Societal and Institutional Relationships

3. Natural Sciences – This requirement will be satisfied by completion of departmental requirements.

Tier 2

1. _____ Arts – 3 units (see university course list)
2. _____ Humanities – 1 course (see university course list)
3. completed in major Natural Science This requirement will be satisfied by completion of departmental requirements.
4. completed in major Individuals and Societies This requirement will be satisfied by completion of departmental requirements.

Diversity

completed in Gen. Ed. Non-Western Cultures, Race, Gender, Class or Ethnicity course – Credits counted in Gen. Ed.

UNDERGRADUATE DEGREE PROGRAM REQUIREMENTS

- _____ Completion of at least 42 upper-division credit hours.
- _____ Application for degree certification filed one semester prior to the proposed graduation date.
- _____ Completion of at least 120 credit hours. Hours remaining after satisfying all required coursework may be completed through internship or elective course credits.

*One course in the General Education Core must focus on non-western cultures or on race, gender, class or ethnicity. All TRAD 101 courses will meet this requirement as will additional courses designated in the general catalog.

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Department of Animal Sciences — Equine — Science Path

2007-2008 & 2008-2009 catalogs

Pre-Major (30 units)

Grade	Course Prefix	Course Title	Units	Semester	Prerequisites
_____	AN S 312/prev 213	Animal & Plant Genetics	3	S	PLS 130 or MCB 182R & 182L; CHEM 151
_____	MCB 181R	Introductory Biology I	3	F / S	Math Level III, concurrent in MCB 181L
_____	MCB 181L	Introductory Biology Lab	1	F	or Concurrent registration; MCB 181R
_____	CHEM 151	General Chemistry I	4	F/S/SS	MATH 110
_____	CHEM 103B	Fund of Chemistry (CHEM 152 F08)	3	F/S/SS	CHEM 151
_____	CHEM 104B	Chemistry Lab	1	F/S/SS	CHEM 151

Statistics: Select one course from the following: MATH 160, MATH 263, or PSYC 230

Veterinary Science: Select 1 course from: V SC 403R or V SC 405

Communications: Select 2 courses from the following (minimum of one course must be upper-division, **science path students should pay special attention to their upper-division credit count**) ABE 120, A ED 301, A ED 422 / AGTM 422, AN S396A & AN S496B (counts as 1 course), COMM119, COMM312, ENGL 307, ENGL 308, FSHD/FSHV 428

Economics: Select 1 courses

_____	ECON 200 or 201A	Basic Economic Issues or Principles of Econ	3	F/S/SS	
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(also satisfies Tier II Individuals, Societies and Institutions)

Major Requirements — 63 credits — 2.0 GPA required in these courses

General Core Courses

_____	CHEM 241A	Organic Chemistry I	3	F/S/SS	CHEM 103B & CHEM 104B, concurrent in 243A encouraged
_____	CHEM 241B	Organic Chemistry I	3	F/S/SS	
_____	CHEM 243A	Organic Chemistry II Lab	1	F/S/SS	concurrent registration in CHEM 241A
_____	CHEM 243B	Organic Chemistry II Lab	1	F/S/SS	concurrent registration in CHEM 241B
_____	ECOL 182R	Introductory Biology II	3	F / S	Math Level III, concurrent in ECOL 182L recommended
_____	ECOL 182L	Introductory Biology II Lab	1	F / S	Math Level III, concurrent in ECOL 182R recommended
_____	MCB 410	Cell Biology	3	F / S	MCB 181R&L, ECOL 182R&L, see catalog
_____	MIC 205A(prev 205R)	General Microbiology	3	F / SS	MCB 181R & CHEM 103A (some Vet Schools require lab)
_____	PHYS 102	Introductory Physics I	3	F / S	placement into College Algebra
_____	PHYS 103	Introductory Physics II	3	F / S	PHYS 102
_____	PHYS 181	Introductory Lab I	1	F / S	concurrent PHYS 102
_____	PHYS 182	Introductory Lab II	1	F / S	concurrent PHYS 103

Select 1 course from: V SC 400A, 400B (ECOL 437 for 4 credits may be taken for science option)

Select 1 course from: BIOC 460, 462A

Animal Sciences & Equine Required Courses:

_____	AN S 270	Introductory Horse Science	3	F	
_____	AN S 272	Introduction to Horsemanship Programs	2	F/S/SS	Enrollment limited, Preference to students in equine option
_____	AN S 315R	Physiology of Reproduction	3	F	AN S 215, CHEM 152
_____	AN S 316	Equine Repro Physiology and Management	3	S	AN S 315R
_____	An S 334	Principles of Nutrition (may sub w/AN S 408)	3	F	CHEM 152
_____	AN S 395A	Prof Dev in Animal Ag	1	F	
_____	AN S 431	Equine Nutrition & Management	3	F	AN S 334 or AN S 408/N SC 408
_____	AN S 446	Human Resource Management	3	S	Jr. or Sr. Standing
_____	AN S 475	Equine Enterprises	3	S	ANS270, ANS316, ANS431 (concurrent enrollment) +Sr.Standing
_____	AN S 498A	Capstone: Current Issues in Livestock	1	S	Senior Standing

Select 2 courses from: AN S 271A, 273, 371, 444 (AN S 444 has a prerequisite of AN S 142 that must be taken)