

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 — Industry

Dairy w/ Business/Plant/Range

2007-2008 & 2008-2009 catalogs

Pre-Major Courses (36 units)

Grade	Course Prefix	Course Title	Units	Semester	Prerequisites
_____	AGTM 213	Ag and Food Marketing	3	S	
_____	AREC 315	Agribusiness Econ & Mgmt	3	F	ECON 200 or ECON 201A
_____	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 — Business/Plant/Range Option

Select 3 courses from: ACCT 200, 210, 420 ANS 340, 342, 345, 433, 441, 442, 447, AREC 217, 242, 339, 350, 375, 464, BNAD 301, 302, 303, ECON 201B, 300, 330 RCSC 451, 452

2 courses from: PL S 306, 330, 339, 354, RNR 202, 316, RA M 382, 436A, 446, 456, 487

Major Requirements —Dairy Emphasis Courses - 2.0 GPA required in these courses

_____	AN S 102	Animal Industry	3	F	No more than 7 units of Animal Sciences
_____	AN S 215	Phys of Domestic Animals	3	S	3 units of Biology
_____	AN S 220	Intro to Dairy Science	2	S	
_____	AN S 315R	Physiology of Reproduction	3	F	AN S 215, CHEM 152
_____	AN S 320	Food Safety	3	F / SS	
_____	An S 334	Principles of Nutrition	3	F	CHEM 152
_____	An S 336	Applied Animal Nutrition	4	S	
_____	AN S 395A	Prof Dev in Animal Ag	1	F	
_____	AN S 420/prev 380	Meat Animal Composition	3	S	AN S 102
_____	AN S 446	Human Resource Management	3	S	Jr. or Sr. Standing
_____	AN S 460	Physiology of Lactation	3	S (09, 11)	
_____	AN S 472	Adv Dairy Herd Management	3	SS	ANS 220 & Jr. or Sr. Standing
_____	AN S 498A	Capstone: Current Issues in Livestock	1	S	Senior Standing

Animal Sciences Elective: 6 credits of AN S 3**, 4**, a minor, an emphasis or any advisor approved 3**, 4** credit (a maximum of 6 credits of Internship and/or independent study can be used):