



Bachelor of Science Curriculum

Effective Fall 2005

Student Name _____ Last updated _____

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

Foundations

Composition:	_____ ENGL 101 and 102 or 103H and 104H	6 units
Math:	_____ MATH 110	4 units
Language:	_____ Second semester foreign language proficiency or	0 units
	_____ Two semesters of foreign language courses	8 units

Tier 1

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
- _____ 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

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

_____ **Non-Western Cultures, Race, Gender, Class or Ethnicity course***

****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.***

2. RACE TRACK INDUSTRY PROGRAM REQUIREMENTS

Section A. **All students** must complete following courses. (53 units)

<u>Course</u>	<u>Title</u>	<u>Units</u>	<u>Semester</u>	<u>(Prerequisites)</u>
_____ ABE 120	Microcomputing Applications	3 units	F / S	
_____ ACCT 200	Introduction to Financial Accounting	3 units	F / S	
_____ ANS 446	Human Resources Management	3 units	S	
_____ ANS 447	Legal Environment of Business	3 units	F	
_____ CHEM 103a/104a	Lectures in General Chemistry/General Chemistry Lab	3/1 units	F / S	(MATH 110)
_____ CHEM 103b/104b	Lectures in General Chemistry/General Chemistry Lab	3/1 units	F / S	(CHEM 103)
_____ ENGL 307	Business Writing	3 units	F / S	(ENGL 102)
_____ ECON 200 or 201a	Basic Economic Issues or Principles of Economics	3 units	F / S	
_____ ANS 142	Introduction to the Animal Racing Industry	2 units	F	
_____ ANS 270	Introductory Horse Science	3 units	F	
_____ ANS 340	Race Track Marketing and Media Communication	3 units	S	(ANS 142)
_____ ANS 342	Organization and Administration of the Racing Dept.	3 units	S	(ANS 142)
_____ ANS 345	Intro. to Animal Racing Laws and Enforcement	3 units	F	(ANS 142)
_____ ANS 433	Advanced Animal Racing Laws and Enforcement	3 units	S	(ANS 345)
_____ ANS 441	Racing Organization, Structure and Management	3 units	S	(ANS 142, ACCT 200)
_____ ANS 442	Race Track Business and Financial Management	3 units	F	(ANS 441)
_____ ANS 444	Management of the Racing Animal	3 units	F	(ANS 142, 270)
_____ ANS 497a	Joe Hirsch Speaker Forum	1 unit	F / S	

Section B. In addition to the courses in Section A, students **must complete one** of the following paths:

Business Emphasis* (24 units)

_____ AED 422	Communicating Knowledge in Agriculture	3 units	F	
_____ AREC 315	Agricultural Business Management	3 units	F	(ECON 200)
_____ BAD 301	Global and Financial Economics and Strategies	3 units	F / S	
_____ BAD 302	Human Side of Organizations	3 units	F / S	
_____ BAD 303	Application of Marketing Concepts in Business	3 units	F / S	
_____ _____	Choose two courses from the following list:	6 units		
_____ _____	ACCT 202, 210; AREC 217, 350, 375, 450; BAD 304, 315			(prerequisites vary)
_____ _____	ECON 300, 330; MIS 222; any MAR course; PA 202, 204;			
_____ _____	PHIL 322; POL 206, 471, 474; RCSC 360, 451			
_____ _____	Choose one course from: COMM 119, 209, 312;			
_____ _____	ENGL 308; FSHD 428; JOUR 151, 205	3 units		(prerequisites vary)

Equine Management Emphasis (25 - 26 units)

_____ MCB 181R	Introductory Biology	3 units	F	(Math Placement III)
_____ ANS 215	Physiology and Anatomy of Domestic Animals	3 units	S	(MCB 181)
_____ ANS 216	Equine Anatomy and Physiology: Form and Function	2 units	S	
_____ ANS 315R	Physiology of Reproduction	3 units	F	(ANS 215, CHM 104)
_____ ANS 316	Equine Reproductive Physiology and Management	3 units	S	(ANS 315R)
_____ ANS 334	Principles of Animal Nutrition	3 units	F	(CHEM 104)
_____ ANS 431	Equine Nutrition and Management	3 units	F	(ANS 334)
_____ ANS 475	Equine Enterprises	3 units	S	(ANS 270, 316, 431)

Complete at least one of the following courses:

_____ ANS 271A	Training / Management of the Weanling	3 units	F	
_____ ANS 272	Introduction to Horsemanship Programs	2 units	F / S / S	
_____ ANS 273	Training / Management of the Yearling	3 units	S	
_____ ANS 371	Sales and Mktg. Strategies of Performance / Race Prospects	3 units	F	

3. 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.

*Completion of the business path with no substitutions and at least 9 units in residence fulfills all the requirements for a **General Business Minor**.