

Animal Science BS Degree ~ Fall 2025 Catalog

Name: _____ SID: _____ Updated: _____

Career Goal: _____

Grad Date: _____ Emphasis: _____ Honors: _____

University Unit & General Requirements:

- Total Units: 120 Units _____
- Upper Division Units: 42 Units _____
 - Directly refers to 300-400 level units
- Mid Career- Writing Assessment: _____
 - B or higher in 2nd semester or appropriate dept. course completed (ENGL 307)

Foundation University Requirements:

- **Math**
 - Math 112 College Algebra (3 units) _____
- **English**
 - English 101 & 102 (6 units) _____ -or-
 - English 109H (3 units) _____
- **Second Language (Equivalent to 2nd Semester Proficiency)**
 - Semester 1 (4 units) _____
 - Semester 2 (4 units) _____
 - If placed into 2nd semester or higher of a given language only 1 semester will be needed

General Education Courses:

- **UNIV 101 (1 unit)** _____ (Only for First Year Admits)
- **UNIV 301 (1 unit)** _____ (Only for First Year Admits)
- **Exploring Perspectives (12 units):**
 - Artist (3 units) _____
 - Humanist (3 units) _____
 - Social Scientist (3 units) _____
 - AREC 217 or ECON 200 will satisfy this requirement and count toward your major
 - Natural Scientist (3 units) _____
 - Chem 151 or ECOL 182R will satisfy this requirement and count toward your major
- **Building Connections (9 units):**
 - _____
 - _____
 - _____
- Use this [guide](#) to search for General Education courses.

This is not intended to be an official document, just a course planning tool

Core RTI Animal Science Courses (34 units total):

- **ACCT 200 or 250: Introduction to Financial Accounting (3 units)** _____
 - Business Path students need to take ACCT 200
- **ECON 200: Basic Economics or Micro Economics (3 units)** _____
- **ACBS 142: Introduction to Horse Racing (2 units)** _____
 - Fall Only
- **ACBS 270: Introduction to Horse Science (3 units)** _____
 - Fall Only
- **ACBS 301: Financial and Economic Strategies (3 units)** _____
 - Fall only
 - Fully online
- **ACBS 340: Marketing and Media Relations (3 units)** _____
 - Spring Only
 - Fully Online
- **ACBS 342: Organization and Administration of the Racing Department (3 units)** _____
 - Requires ACBS 142
 - Fall Only
- **ACBS 345: Introduction to Animal Racing Laws and Enforcement (3 units)** _____
 - Requires ACBS 142
 - Fall Only
- **ACBS 433: Advanced Animal Racing Laws and Enforcement (3 units)** _____
 - Requires ACBS 345 with a C or higher
 - Spring Only
- **ACBS 441: Racing Organization, Structure and Management (3 units)** _____
 - Requires ACBS 142, ACBS 301, ACBS 345, ACCT 200/250
 - Spring Only
- **ACBS 442: Race Track Business & Financial Management (3 units)** _____
 - Requires ACBS 441 and ACBS 433
 - Fall Only
- **ACBS 444: Management of the Racing Animal (3 units)** _____
 - Requires ACBS 142 and ACBS 270
 - Fall Only

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- **ACBS 447: Legal Environment of Business (3 units)** _____
 - Fall Only
 - Fully Online
- **ACBS 446: Human Resource Management (3 units)** _____
 - Fully online
- **ACBS 497a: Joe Hirsch Speaker Forum (1 unit)** _____
 - May repeat for credit
 - Fall only
- **ACBS 498b: RTI Capstone (1 unit)** _____
 - ACBS 442 or concurrent enrollment
 - Taken the final fall term of career
- **CHEM 130 & CHEM 130L: Chem for Allied and Public Health lecture and lab (3, 1 units)** _____
 - Enrollment Requirements: Math 112 or higher completion
- **Internship/Practicum (complete 3 units total)**
 - **ACBS 493/494 (3 units)** _____
- **Pick 1 from the list below (MUST WORK WITH ACADEMIC ADVISOR TO ENSURE YOUR SEAT):**
 - **ACBS 272: Introduction to Horsemanship Programs (2 units)** _____
 - Off Campus – Al-Marah Equine Center ~ 40 minutes from campus
 - **ACBS 271a: Training and Management of the Weanling (3 units)** _____
 - Fall semester only
 - Off Campus – Al-Marah Equine Center ~ 40 minutes from campus
 - **ACBS 273: Developing the Training Foundation of the Yearling (3 units)** _____
 - Spring semester only
 - Off Campus – Al-Marah Equine Center ~ 40 minutes from campus
 - **ACBS 371: Sales and Marketing for Performance and Racehorse Prospects (3 units)** _____
 - Varies
 - Off Campus – Al-Marah Equine Center ~ 40 minutes from campus

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Complete 1 of the following paths:

Business Path:

- **Statistics (3 to 4 units)** _____
 - Options include Math 163, Math 263, SBS 200, AREC 239 and Psy 230
- **ALC 422: Communicating Knowledge in Agriculture (3 units)** _____
 - Fall Only
- **ACBS 302: Management & Human Side of Organizations (3 units)** _____
 - Spring Only
 - Fully Online
- **AREC 315: Agricultural Business Management (3 units)** _____
 - Requires ECON 200, ECON 201a or AREC 317
 - Fall only
- **BNAD 303: Marketing Principles, Concepts, & Tools (3 units)** _____
- **ENGL 307: Business Writing (3 units)** _____

Equine Management Path:

- **MCB181R and MCB 181L: General Biology I Lecture and Lab (4 units)** _____
 - Required completion of Math 112 (College Algebra)
 - Suggested prerequisite: CHEM 151 General Chemistry
- **ACBS215: Physiology and Anatomy of Domestic Animals (3 units)** _____
 - Fully Online Course; Spring only Course
- **ACBS 316: Equine Reproduction (3 units)** _____
 - Spring Only
- **ACBS334: Principles of Animal Nutrition (3 units)** _____
 - Fall Only
- **ACBS 370: Form and Function of the Equine Athlete (3 units)** _____
 - Spring Only
 - Enrollment Requirements: ACBS 270
- **ACBS 431: Equine Nutrition and Management (3 units)** _____
 - Fall Only
- **ACBS 475: Equine Enterprises (3 units)** _____
 - Fall Only
 - Enrollment Requisites: ACBS 270, ACBS 431 and ACBS 316