

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 Animal Science Courses (34 units total):

- **ACBS102R: Intro to Animal Science Lecture (3 units)** _____
 - No prerequisites; Fall only course
- **ACBS102L: Intro to Animal Science Lab (1 unit)** _____
 - No prerequisites; Fall only course
 - **Off Campus course- Campus Ag Center (Roger Rd and Campbell Ave)**
- **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
- **AREC 217: Econ. of Food and Ag.: Sustainable Solutions for a Changing World (3 units)** _____
 - Satisfied Exploring Perspectives Social Scientist Requirement
- **ACBS 222: Animal Ethology and Welfare Science (3 units)** _____
 - Fall Only
- **ACBS334: Principles of Animal Nutrition (3 units)** _____
 - Fall Only
- **ACBS313: Principles of Animal Genetics (3 units)** _____
 - Spring Only
- **ACBS315R: Physiology of Reproduction Lecture (3 units)** _____
 - Fall Only
- **ACBS 315L: Physiology of Reproduction Lab (1 unit)** _____
 - Fall Only
 - **Off Campus course- Campus Ag Center (Roger Rd and Campbell Ave)**
- **ACBS395A: An ACBS Guide: Designing the Professional (1 unit)** _____
 - Fall Only
- **Statistics (3 to 4 units)** _____
 - Options include Math 163, Math 263, SBS 200, AREC 239 and Psy 230
- **Communications (3 units)** _____
 - Options include: Comm 101, 119; ENGL 307, 308; ALC 422; AED 301

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Equine Emphasis (51 units total):

- **ACBS 142: Introduction to Horse Racing (2 units)** _____
 - Fall Only
- **ACBS 270: Introduction to Horse Science (3 units)** _____
 - Fall Only
- **ACBS 272: Introduction to Horsemanship Programs (2 units)** _____
 - Off Campus – Al-Marah Equine Center ~ 40 minutes from campus
- **Pick 2 from the list below (MUST WORK WITH ACADEMIC ADVISOR TO ENSURE YOUR SEAT):**
 - **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
- **ACBS 316: Equine Reproduction (3 units)** _____
 - Spring Only
- **ACBS 431: Equine Nutrition and Management (3 units)** _____
 - Fall Only
- **Pick 1 from the list below:**
 - **AREC 315: Agribusiness Economics and Management (3 units)** _____
 - Fall Only
 - Enrollment requirements: ECON 200, ECON 201A or AREC 217
 - **ACBS 301: Financial and Economic Strategies (3 units)** _____
 - Fall only
 - Fully online
- **CHEM 130 & CHEM 130L: Chem for Allied and Public Health lecture and lab (3, 1 units)** _____
 - Enrollment Requirements: Math 112 or higher completion
- **ACBS 370: Form and Function of the Equine Athlete (3 units)** _____
 - Spring Only
 - Enrollment Requirements: ACBS 270
- **ACBS 340: Marketing and Media Relations (3 units)** _____
 - Spring Only
 - Fully Online

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- **ACBS 475: Equine Enterprises (3 units)** _____
 - Fall Only
 - Enrollment Requisites: ACBS 270, ACBS 431 and ACBS 316

- **ACBS 447: Legal Environment of Business (3 units)** _____
 - Fall Only
 - Fully Online

- **Pick 1 from the list below:**
 - **ACBS 446: Human Resource Management (3 units)** _____
 - Fully online
 - **ACBS 302: Management and the Human Side of Organizations (3 units)** _____
 - Spring only
 - Fully online

- **ANS Major Electives (13 units)** _____
 - Must be from one of the following prefixes:
 - ACBS, MIC, PLS, ENVS, RAM, RNR, AED, ALC, AGTM, AREC ENTO, WFSC, MCB or ECOL
 - Must be a 300-400 Level Course
 - 6 units must be ACBS prefixed courses
 - These need to be unique to the major
 - Use this [guide](#) to filter for Upper Division Major Electives

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