Texas State University- San Marcos  
Department of Agriculture  
Animal Science  
2008-2010 Catalog  

FRESHMAN YEAR  
☐ Careers in Agribusiness & Industry (AG 1110)  
☐ Basic Animal Science (AG 1445)  
☐ Computer Applications in Agriculture (AG 2390)  
☐ Functional Biology (BIO 1430)  
☐ College Algebra (MATH 1315)  
  or Mathematics for Business and Economics (MATH 1319)  
☐ General Chemistry I (CHEM 1341)  
☐ General Chemistry Lab I (CHEM 1141)  
☐ Fundamentals of Speech Communication (COMM 1310)  
  or Public Speaking (COMM 2338)  
☐ College Writing I (ENG 1310)  
☐ College Writing II (ENG 1320)  
☐ University Seminar (US 1100)  
☐ History of the US to 1877 (HIST 1310)  
☐ Physical Education (PFW) 2 Activities  

TOTAL  34 HOURS  

SOPHOMORE YEAR  
☐ Intro to Agricultural Economics (AG 2383)  
☐ Organismal Biology (BIO 1431)  
☐ General Chemistry II (CHEM 1342)  
☐ General Chemistry Lab II (CHEM 1142)  
☐ English Literature (ENG) 3 hours  
  or General Philosophy (PHIL 1305) or Ethics in Society (PHIL 1320)  
☐ Quantitative Methods in Ag Economics (AG 3352)  
☐ ART, DAN, MU, or TH 2313  
☐ Social Science Perspective [Choose one from: Cultural Anthropology (ANTH 1312), World Geography (GEO 1310), Intro to Psychology (PSYC 1300), Intro to Sociology (SOCI 1310)]  
☐ History of the US 1877 to Present (HIST 1320)  

TOTAL  29 HOURS  

JUNIOR YEAR  
☐ Genetics of Livestock and Plant Improvements (AG 3301)  
☐ Animal Health and Disease Control (AG 3314)  
☐ Range Management (AG 3321)  
☐ Animal Nutrition (AG 3325)  
☐ AG Electives* (5 hours)  
☐ Organic Chemistry (CHEM 2330)  
  or Organic Chemistry I (CHEM 2341)  
☐ Technical Writing (ENG 3303)  
☐ Principles of American Government (POSI 2310)  
☐ Functions of American Government (POSI 2320)  

TOTAL  29 HOURS  

SENIOR YEAR  
☐ International Food and Fiber Systems (AG 3319)  
☐ Reproduction in Farm Animals (AG 3331)  
☐ Feeds and Feeding (AG 4325)  
☐ Advance Animal Science-Ruminants (AG 4326)  
☐ Agriculture Electives** (9 hours)  
☐ Professional Development in Agriculture (AG 4307) Capstone  
  or Principles of Microbiology (BIO 2400)  
  or Wildlife Management (BIO 4423)  

TOTAL  28 HOURS  

* Select 5 hours from the following: AG 2373, AG 2367, AG 3426, AG 3351, AG 4185 (3 hour maximum)  
** Select 9 hours from the following: AG 2345, AG 3330, AG 3345, AG 4328, AG 4310, AG 4330  

Last Revised: 2/2008