Texas State University - San Marcos  
Department of Agriculture  

General Agriculture  
without Teacher Certification  
2008-2010 Catalog  

**FRESHMAN YEAR**

- Careers in Agribusiness and Industry (AG 1110)
- Basic Animal Science (AG 1445)
- Computer Applications in Agriculture (AG 2390)
- Functional Biology (BIO 1430)  
  or General Physics I (PHYS 1410)
- College Algebra (MATH 1315)  
  or Mathematics for Business and Economics I (MATH 1319)
- Fundamentals of Speech Communication (COMM 1310)
- College Writing I (ENG 1310)
- College Writing II (ENG 1320)
- University Seminar (US 1100)
- History of the US to 1877 (HIST 1310)
- History of the US, 1877 to Present (HIST 1320)
- Physical Education (PFW) 2 Activities

**TOTAL 33 HOURS**

**SOPHOMORE YEAR**

- Agronomic Crops (AG 2313)  
  or General Horticulture (AG 2379)
- Introduction to Agricultural Engineering (AG 2373)
- Metals and Welding Processes for Agriculture (AG 2374)
- Introduction to Agricultural Economics (AG 2383)
- Technical Writing (ENG 3303)
- Literature (ENG 2310, 2320, 2330, 2340, 2359, or 2360)
- General Chemistry I (CHEM 1341)
- General Chemistry I Lab (CHEM 1141)
- General Philosophy (PHIL 1305) or Ethics in Society (PHIL 1320)
- Choose one from: Cultural Anthropology (ANTH 1312), World Geography (GEO 1310), Intro to Psychology (PSYC 1300), or Intro to Sociology (SOCI 1310)
- Mathematics for Business and Economics II (MATH 1329)  
  or Mathematics for Life Sciences I (MATH 2321)
  or Pre-Calculus (MATH 2417)
- ART, DAN, MU, or TH 2313

**TOTAL 34-35 HOURS**

**JUNIOR YEAR**

- Internal Combustion Engines (AG 3310)
- Soil Science I (AG 3426)
- Soil Science II (AG 3427)
- Electives*  9 hours
- Principles of American Government (POSI 2310)
- Functions of American Government (POSI 2320)

**TOTAL 26 HOURS**

**SENIOR YEAR**

- Farm Management (AG 3317)  
  or Agribusiness Management (AG 3318)
- International Food and Fiber Systems (AG 3319)
- Agriculture Structures and Environment (AG 3353)  
  or Agriculture Machines and Equipment (AG 3375)
- Agricultural Internship (AG 4310)
- Feeds and Feeding (AG 4325)
- Advanced Animal Science-Ruminants (AG 4326)
- Electives**  6 hours
- Professional Development in Agriculture (AG 4307) Capstone

**TOTAL 27 HOURS**

*Select 9 hrs from the following: AG 2345, AG 2367, AG 3301, AG 3302, AG 3303, AG 3304, AG 3305, AG 3306, AG 3308, AG 3314, AG 3325, AG 3330, AG 3331, AG 3345, AG 4328. AG 4330,

**Select 6 hours from the following: AG 3321, AG 3329, AG 3351, AG 3352, AG 3455, AG 4185 (3 hour maximum), AG 4300, AG 4302, AG 4304, AG 4305, AG 4381, AG 4383

Last Revised 2/2008