

Department of Agriculture
Texas State University- San Marcos

**General Agriculture
with Teacher Certification**
2008-2010

FRESHMAN YEAR

- Careers in Agribusiness and Industry (AG 1110)
- Basic Animal Science (AG 1445)
- Computer Applications in Agriculture (AG 2390)
- Functional Biology (BIO 1430)
- General Chemistry I (CHEM 1341)
- General Chemistry I Lab (CHEM 1141)
- 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 34 HOURS

JUNIOR YEAR

- Soil Science I (AG 3426)
- International Food and Fiber Systems (AG 3319)
- Farm Management (AG 3317)
or Agriculture Business Management (AG 3318)
- Feeds and Feeding (AG 4325)
- Special Topics in Career & Technology Edu (CATE 3313D)
or Applied Leadership Principles (AG 2310)
- Internal Combustion Engines (AG 3310)
or Agriculture Structures and Environment (AG 3353)
or Agriculture Electric and Mechanical Systems (AG 4361)
- Public Education in America (CI 3310)
- Principles in American Government (POSI 2310)
- Functions in American Government (POSI 2320)

TOTAL 28 HOURS

SOPHOMORE YEAR

- Agronomic Crops (AG 2313)
or General Horticulture (AG 2379)
- Introduction to Agricultural Engineering (AG 2373)
- Introduction to Agricultural Economics (AG 2383)
- Metals and Welding Processes for Agriculture (AG 2374)
- Literature (ENG 2310, 2320, 2330, 2340, 2359 or 2360) **3 hours**
- College Algebra (MATH 1315)
or Mathematics for Business and Economics I (MATH 1319)
- General Philosophy (PHIL 1305)
- Choose one from: Cultural Anthropology (ANTH 1312),
World Geography (GEO 1310), Intro to Psychology (PSYC 1300),
Intro to Sociology (SOCI 1310)]
- ART, DAN, MU or TH 2313

TOTAL 27 HOURS

SENIOR YEAR

- Livestock Selection and Evaluation (AG 3345)
- Current Problems in Technical Agriculture (AG 4185) **2 times**
- Organization and Management for Lab Programs (AG 4343)
- Course Building (AG 4212)
- Professional Development in Agriculture (AG 4307)*Capstone*
- Methods for Career and Technology Educators (AG 4311)
- Student Teaching (AG 4681)
- Teaching Reading in Content Areas (RDG 3323)
- Secondary Teaching: Curriculum and Technology (CI 4332)
- Problems in Adolescence (FCD 3394)

TOTAL 31 HOURS