Department of Agriculture
Texas State University- San Marcos

General Agriculture
with Teacher Certification
2012

FRESHMAN YEAR

- Careers in Agribusiness and Industry (AG 1110)
- Basic Animal Science (AG 1445)
- Computer Applications in Agriculture (AG 2390)
- Functional Biology (BIO 1330/1130)
- 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)
- Principles in American Government (POSI 2310)
- 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)
- 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
- 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), Intro to Sociology (SOCI 1310)
- ART, DAN, MU or TH 2313

TOTAL 28 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)
- Secondary Teaching: Curriculum and Technology (CI 4332)
- History of the US, 1877 to Present (HIST 1320)
- Functions in American Government (POSI 2320)

TOTAL 28 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)
- Classroom Management, Legal and Ethical Issues (CI 4370)
- CI 3325 Adolescent Growth & Development

TOTAL 31 HOURS

Last Revised 2011