Department of Agriculture  
Texas State University- San Marcos  

Agricultural Business and Management  
Agricultural Systems Management Specialization  
2008-2010 Catalog  

FRESHMAN YEAR  
☐ Careers in Agri-business and Industry (AG 1110)  
☐ Basic Animal Science (AG 1445)  
☐ Computer Applications in Agriculture (AG 2390)  
☐ Functional Biology (BIO 1430)  
☐ General Physics I (PHYS 1410)  
☐ College Algebra (MATH 1315)  
☐ 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)  
☐ General Horticulture (AG 2379)  
☐ Introduction to Agricultural Engineering (AG 2373)  
☐ Introduction to Agricultural Economics (AG 2383)  
☐ General Chemistry I (CHEM 1341)  
☐ General Chemistry Lab (CHEM 1141)  
☐ General Physics II (PHYS 1420)  
☐ Technical Writing (ENG 3303)  
☐ Literature (ENG 2310, 2320, 2330, 2340, 2359, or 2360) 3 hours  
☐ General Philosophy (PHIL 1305) or Ethics in Society (PHIL 1320)  
☐ Social Science Perspective [Choose one from: Cultural Anthropology (ANTH 1312), World Geography (GEO 1310), Intro to Psychology (PSYC 1300), Intro to Sociology (SOCL 1310)]  
☐ Math for Business and Economics (MATH 1329)  
☐ Pre-Calculus (MATH 2417)  
☐ ART, DAN, MU, or TH 2313  

TOTAL 35-36 HOURS  

JUNIOR YEAR  
☐ Introduction to Financial Accounting (ACC 2361)  
☐ Metal and Welding Processes in Agriculture (AG 2374)  
☐ Internal Combustion Engines (AG 3310)  
☐ Agricultural Marketing and Sales (AG 3351)  
☐ Quantitative Methods in Agricultural Economics (AG 3352)  
☐ Soil Science I (AG 3426)  
☐ Principles of American Government (POSI 2310)  
☐ Functions of American Government (POSI 2320)  

TOTAL 25 HOURS  

SENIOR YEAR  
☐ Farm Management (AG 3317)  
☐ Agricultural Business Management (AG 3318)  
☐ International Food and Fiber Systems (AG 3319)  
☐ Agriculture Structures and Environment (AG 3353)  
☐ Agriculture Machines and Equipment (AG 3375)  
☐ Land Surveying (AG 3455)  
☐ Agriculture Electric and Mechanical Systems (AG 4361)  
☐ Agricultural Finance (AG 4380)  
☐ Professional Development in Agriculture (AG 4307) Capstone  
☐ Electives * 5 hours  

TOTAL 27 HOURS  

* Select 5 hrs from the following: AG 3301, AG 3302, AG 3303, AG 3304, AG 3305, AG 3306, AG 3308, AG 3314, AG 3321, AG 3325, AG 3329, AG 3331, AG 3345, AG 3427, AG 4185 (3 hour maximum), AG 4304, AG 4305, AG 4306, AG 4310, AG 4325, AG 4326, AG 4328, AG 4330, AG 4371A, AG 4371B, AG 4371C, AG 4371D, AG 4381, AG 4383  

Last Revised 2009