

Agriculture - AGRI

Courses

AGRI 1000 INTRODUCTION TO AGRICULTURE (2) LEC. 1. LAB. 2. Provide information about the College of Agriculture and Alabama Agriculture. An emphasis will be placed on learning about the different departments in the college.

AGRI 1080 AGRICULTURAL COMMUNICATIONS (3) LEC. 3. Departmental approval. Introduction to agricultural communications and professional development as applied to the ag sector; overviews of common communication methods and possible careers.

AGRI 3000 AGRICULTURAL GENETICS (4) LEC. 3. LAB. 2. Pr. BIOL 1020 or BIOL 1023 or BIOL 1027. Introductory understanding of the applications of genetics to agricultural and natural systems. Theoretical and practical knowledge of qualitative, quantitative, molecular, population, and biotechnological aspects of genetics will be developed.

AGRI 3800 LEADING PEOPLE AND TEAMS IN AGRICULTURE (3) LEC. 3. Course focuses on creating and leading high functioning teams in Agriculture.

AGRI 4000 AGRICULTURE STUDY ABROAD (1-10) AAB/FLD. Departmental approval. Study abroad programs with emphasis on agricultural topics. Credit awarded in consultation with departmental chair. Course may be repeated for a maximum of 10 credit hours.

AGRI 4920 INTERNSHIP IN AGRICULTURAL COMMUNICATION AND LEADERSHIP (1-3) INT. Departmental approval. Supervised, closely monitored work experience in agricultural communications or leadership. Course may be repeated for a maximum of 6 credit hours.

AGRI 4940 AGRICULTURAL COMMUNICATIONS CAPSTONE (3) LEC. 3. Pr. AGRI 1080. A capstone experience for the Agricultural Communications major that brings together the agricultural topics and communication techniques that have been developed throughout the course of the student's study.

AGRI 4970 SPECIAL TOPICS IN AGRICULTURAL COMMUNICATION AND LEADERSHIP (1-3) DSL. Departmental approval. Directed study in agricultural communications or leadership. Course may be repeated for a maximum of 6 credit hours.

AGRI 5010 ANALYSIS OF PLANT, SOIL, AND ANIMAL DATA (3) LEC. 3. Pr. (MATH 1130 or MATH 1133) or (STAT 2510 or STAT 2513). Principles of data analysis based on real examples will be discussed. Topics include measures of central tendency, dispersion, confidence intervals, sampling issues, probability distributions, etc. Credit will be given for only one of either AGRI 5010, AGRI 5013, AGRI 6010, or AGRI 6016.

AGRI 5840 LEADING ORGANIZATIONAL AND COMMUNITY CHANGE IN AGRICULTURE (3) LEC. 3. Course designed for students who want to make meaningful change in agricultural organizations and communities. Focuses on leading organizations/communities to adapt and thrive. Credit will only be given for one of the following: AGRI 5840 or AGRI 6840.

AGRI 6010 ANALYSIS OF PLANT, SOIL & ANIMAL DATA (3) LEC. 3. Principles of data analysis based on real examples will be discussed. Topics include measures of central tendency, dispersion, confidence intervals, sampling issues, probability distributions, etc. Credit will be given for only one of either AGRI 5010, AGRI 5013, AGRI 6010, or AGRI 6016.

AGRI 6840 LEADING ORGANIZATIONAL AND COMMUNITY CHANGE IN AGRICULTURE (3) LEC. 3. Course designed for students who want to make meaningful change in agricultural organizations and communities. Focuses on leading organizations/communities to adapt and thrive. Credit will only be given for one of the following: AGRI 5840 or AGRI 6840.

AGRI 7080 ADVANCED ANALYSIS OF PLANT, SOIL, AND ANIMAL DATA (3) LEC. 3. Pr. AGRI 5010 or AGRI 5013 or AGRI 6010 or AGRI 6016 or STAT 7000. Analysis of continuous, count, and binary data from randomized, paired, blocked, and split-plot experimental designs used in agricultural research. Use of statistical software and interpretation of results for applied agricultural research with plants, soils, and animals.

AGRI 7820 RESEARCH PROPOSAL WRITING (3) LEC. 3. Graduate level standing or Departmental approval. Experience in all aspects of writing and reviewing competitive research proposals through a workshop-format culminating in each student writing a proposal on research topics of their choosing. Fall.