

Course Catalog - Spring 2007

Agricultural Education

199 Undergraduate Open Seminar Credit: 1 to 5 hours.

An experimental course on a special topic in agricultural education. May be repeated in the same or separate terms as topics vary, to a maximum of 12 hours.

220 Principles of Ag Education Credit: 3 hours.

Introduction to agricultural education programs and delivery systems; state and federal policies; the nature of teaching in school and non-school settings; types and purposes of agricultural education; program components; approaches to teaching; teacher characteristics; community relationships; educational change and innovation; trends and developments in agricultural education; and reflective teaching.

250 Observation and Program Analysis Credit: 2 hours.

Early field experience in agricultural education, including observation and analysis activities in public schools, extension programs, or other selected settings; participation in clinical field experience activities; examination of educational program development and operation, teaching and learning processes, contextual factors in learning, evaluation of student learning; and professionalism. Approximately 45 hours of early field experience will be acquired. Off-campus observation begins the first week of January. Agricultural education programs in both school and non-school settings are examined. Prerequisite: AGED 220.

260 Intro to Leadership Studies Credit: 3 hours.

Study of leadership theories and their application to the development of leadership skills. Students develop a personal philosophy of leadership, prepare a development plan for enhancing leadership skills, and begin a portfolio to record their leadership growth. Explores topics concerning diversity, ethics, and leadership/follower roles.

293 Ag Leadership Internship Credit: 1 to 4 hours.

Supervised, off-campus experience in a field directly pertaining to subject matter in agricultural education. May be repeated in the same or subsequent terms to a maximum of 10 hours.

295 Independent Study or Research Credit: 1 to 4 hours.

Individual research, special problems, thesis, development and/or design work under the supervision of an appropriate member of the faculty. May be repeated in the same or subsequent terms.

350 Early Field Experience Credit: 2 hours.

Supervised experience during the summer months and fall semester including: supervision of students' agricultural experience programs and projects; development of problem-solving and decision-making skills related to use of instructional technologies, management of FFA activities, and supervision of agricultural experiences; review of teacher certification requirements and application for teacher certification; development of online teacher certification portfolio meeting state, UIUC, and program requirements. A minimum of 50 hours or early field observation is required. Prerequisite: AGED 150 and concurrent registration in AGED 250.

360 Integrating Leadership Credit: 3 hours.

Capstone academic experience for students to study the practice of leadership in personal, team, organizational and community contexts. Emphasis is placed on transitional development of leadership skills including mentoring, networking, and developing leadership skill in others. Prerequisite: AGED 260.

396 Honors Research or Thesis Credit: 1 to 4 hours.

Individual research, special problems, thesis, development and/or design work under the direction of the Honors advisor. May be repeated in the same or subsequent terms. Prerequisite: Junior standing, admission to the ACES Honors Program.

398 Undergraduate Seminar Credit: 1 to 3 hours.

Special topics in a field of study directly pertaining to subject matter in agricultural education. May be repeated in the same or subsequent terms to a maximum of 12 hours.

420 *Teaching Strategies for Youth* Credit: 4 hours.

Synthesis of principles of teaching and learning as they influence learning activities of youth in formal and informal environments within the agricultural, consumer and environmental sciences: psychological aspects of learning, student-centered approaches to learning, course and program planning and development, creating teaching plans, instructing students in laboratory settings, techniques for evaluating student learning, strategies for management of learners in positive learning environments, motivating learners, equipping educators with strategies for effective self-reflective teaching behaviors.

430 *Youth Development Programs* Credit: 3 or 4 hours.

Instruction in the youth development process, including learning; philosophy and purposes of youth development policies, programs, and organizations; relationships to organizational missions; principles and procedures for developing, coordinating, and implementing youth development programs; and examining research and practice in youth-at-risk initiatives. Prerequisite: AGED 220, or HDFS 105, or PSY 100.

450 *Program Delivery and Eval* Credit: 3 hours.

Students complete this course during their twelve-week practice teaching or internship experience. Written assignments will focus on development of teaching plans, program initiation and improvement plans, and actual evaluation studies of agricultural education programs. Instruction will be provided during on-site faculty visits and by cooperating personnel. Prerequisite: AGED 420.

451 *Professional Dev in Ag Ed* Credit: 1 hours.

Analysis of teaching and learning processes, program evaluation and improvement strategies, curriculum development and modification, professional development, facility development, using community resources, program management, and discussion of trends and issues in agricultural education. Prerequisite: Senior standing.

499 *Seminar* Credit: 1 to 3 hours.

Special topics in agricultural education. May be repeated in the same or subsequent terms to a maximum of 12 undergraduate or graduate hours as topics vary.

500 *Special Topics in Ag Education* Credit: 2 to 4 hours.

Advanced study in selected phases of agricultural education applicable to agricultural educators in schools, community colleges, universities, cooperative extension, agribusiness, and community and governmental agencies. May be repeated in the same and subsequent terms.

510 *Education Program Management* Credit: 4 hours.

Theoretical and practical approaches to planning, delivering and evaluating programs in agricultural education, with a focus on development of comprehensive educational plans.

520 *Teaching College-Level ACES* Credit: 2 hours.

Planning, delivering and evaluating effective teaching and learning of college-level agricultural, consumer and environmental sciences; the role of faculty in the governance of higher education in the agricultural sciences. Prerequisite: Master's standing.

525 *Laboratory Teaching Methods* Credit: 4 hours.

Theoretical and practical approaches to teaching agriculture in laboratory settings; mechanics, horticulture, agriscience, land laboratories, and other school-based and community-based laboratories will be considered. Research and theoretical foundations that underlie the aspects of planning, management, teaching, evaluation, safety, finance, and facility design will be discussed within the context of laboratory instruction in agriculture.

549 *Independent Study* Credit: 2 to 4 hours.

Individual investigation and reporting of research on any phase of agricultural education selected by the student and approved by the advisor and faculty member who will supervise the study. May be repeated in the same or subsequent terms to a maximum of 8 hours.