

# AGRICULTURAL AND EXTENSION EDUCATION (AEE)

## AEE 501: Foundations of Agricultural and Extension Education

3 Credits

Historical development, social and philosophical foundations, and current status in relation to the total vocational-technical education program.

## AEE 505: Leadership Development

3 Credits

Exploration, understanding, and application of leadership roles, strategies, and principles in group and community settings.

Cross-listed with: CEDEV 505

## AEE 508: Administration and Supervision of Agricultural and Extension Education

3 Credits/Maximum of 3

Basics of vocational funding, supervision, leadership, and management for agricultural education.

## AEE 509: Contemporary Research in Agricultural and Extension Education

1-6 Credits/Maximum of 6

Analysis of contemporary research issues in agricultural education and extension education through lecture, review of literature, discussion, speakers, and active participation.

## AEE 511: Youth Leadership Development in the Agricultural and Life Sciences

3 Credits

This course will address youth leadership development theories and emphasize formal and nonformal youth programs in agricultural and life sciences. AEE 511 Youth Leadership Development in the Agricultural and Life Sciences (3) The course will provide learners with an understanding of how adolescents develop and emerge as leaders in their families, schools, organizations, and communities. The overall objective for this course is to provide future and current leaders of youth organizations in the agricultural, natural resource, and/or life sciences the knowledge, skills, and experiences to develop and enhance the leadership skills and behaviors of the youth in their organizations. This will be accomplished through a variety of educational methods and techniques. Exposure to theories of youth leadership development will be shared within the context of adolescent development, group dynamics, and opportunities for growth and self-development. A variety of youth organizations and their respective leadership based programs, curricula, and philosophies will be shared and analyzed. Assignments and evaluative-based activities will focus on investigating and comparing youth organizations, analyzing leadership-based resources, analyzing youth/adolescent development theory, and developing a proposal to secure extramural funding to support youth leadership development.

## AEE 515: Engagement Through Outreach Scholarship in Higher Education

3 Credits

To develop an understanding of outreach scholarship as a nonformal educational system and its relationship to relevant social systems. AEE 515 AEE 515. Engagement through Outreach Scholarship in Higher Education (3) Through this course, students will develop an understanding of outreach scholarship as a non-formal educational system and its relationship to relevant domestic and international social systems. Students will explore the historical and legislative history of how higher education evolved. Drawing from both contemporary as well as historical resources, students will understand the "land-grant" philosophy and outreach scholarship in higher education in order to define an engaged university. Using their definitions, students then critique outreach scholarship as it is carried out through specific institutions of higher education, both in the United States and around the world. Alternative institutional missions, organizational policies and procedures as well as organizational structures and financial arrangements will be explored to demonstrate how distinct approaches to outreach scholarship evolve and their perceived value within an institution. Within this framework, students explore today's definition for scholarship and appropriate standards for scholarly performance through outreach. Case studies, interviews, and guest lectures supplement the current and historical literature. Students carry out individual capstone projects in order to allow each of them to synthesize course content in terms of their own professional interests within an engaged university. Given the visibility of outreach scholarship in higher education today and the fluidity of its definition, implementation, and perceived value within institutions, this course reflects contemporary thought in addition to its historical underpinnings.

**Prerequisite:** 9 credits in education, communication, and/or social sciences  
Cross-Listed

## AEE 520: Scientific Method in the Study of Agricultural and Extension Education

1-4 Credits/Maximum of 4

Methods of procedure in investigation and experimentation in education, accompanied by a critical examination of studies made in agricultural education.

## AEE 521: Basic Applied Data Analysis in Agricultural and Extension Education

1-4 Credits/Maximum of 4

Continuation of AEE 520; emphasis upon statistical techniques for students' individual problems.

## AEE 524: Change in Education

1-3 Credits/Maximum of 3

Analysis of occupational needs of students and employment prospects; organization of courses of study and other activities of teachers.

AEE 530: Teaching and Learning in Agricultural Science

3-4 Credits/Maximum of 4

Organization, planning and delivery of effective college teaching methods, matching/learning styles, evaluation of instruction and learning.

AEE 590: Colloquium

1-3 Credits/Maximum of 3

Continuing seminars which consist of a series of individual lectures by faculty, students, or outside speakers.

AEE 595: Internship

1-18 Credits/Maximum of 18

Supervised off-campus, nongroup instruction, including field experiences, practicums, or internships. Written and oral critique of activity required.

**Prerequisite:** prior approval of proposed assignment by instructor

AEE 596: Individual Studies

1-9 Credits/Maximum of 9

Creative projects including non-thesis research, supervised on an individual basis and which fall outside the scope of formal courses.

AEE 596C: **\*\*SPECIAL TOPICS\*\***

1-3 Credits

AEE 597: Special Topics

1-9 Credits/Maximum of 9

Formal courses given on a topical or special interest subject which may be offered infrequently; several different topics may be taught in one year or term.

AEE 600: Thesis Research

1-15 Credits/Maximum of 999

No description.

AEE 601: Ph.D. Dissertation Full-Time

0 Credits/Maximum of 999

No description.

AEE 602: Supervised Experience in College Teaching

1-3 Credits/Maximum of 6

Involves experience in teaching undergraduate agricultural education courses under the supervision of the faculty.

AEE 610: Thesis Research Off-Campus

1-15 Credits/Maximum of 999

No description.

AEE 611: Ph.D. Dissertation Part-Time

0 Credits/Maximum of 999

No description.