Agricultural and Extension Education Ph.D. in Education- 90 semester credit hours

(May include up to 30 hours from the masters degree. See advisor for details.)

The program is designed to prepare graduates for domestic and international teaching, research, extension, administrative, and leadership positions in both the public and private sectors. Areas of specialization include teaching and learning, communication, leadership and volunteer development, and adult and extension education. Courses are taught from an agricultural and natural resources context and are broadly applicable in education, business, government, and agency settings.

* See an Agricultural and Extension Education graduate advisor for specifics on coursework and additional requirements outside of coursework.

- **FOUNDATIONS:**

  **Philosophical, Historical, Social-Cultural (Choose one of the following):**

  - EDCI 585 Multicultural Education
  - EDST 500 Philosophy of Education
  - EDST 501 History of American Education
  - EDST 502 History of Western Education
  - EDST 603 The American College and University
  - EDPS 500 Human Relations in Group Counseling
  - SOC 570 Sociology of Education

  **Research, Assessment, and Evaluation (Choose one of the following):**

  - EDPS 531 Introduction to Measurement and Evaluation
  - EDPS 532 Measuring Educational Achievement
  - EDPS 533 Introduction to Educational Research I: Methodology

  **Educational/Developmental Psychology (Choose one of the following):**

  - EDPS 530 Advanced Educational Psychology
  - EDPS 535 Personal-Social Dynamics in the Classroom
  - PSY/CDFS 502 Survey of Human Development
  - PSY 552 Development in Adolescence
  - PSY 553 Development in the Adult Years
  - PSY 651 Development in Infancy and Childhood

  **Research Competency:**

  - EDPS 533 Introduction to Educational Research I: Methodology
  - EDCI 615 Qualitative Research Methods in Education
  - STAT 501 Experimental Statistics I, or STAT 511 Statistical Methods, or PSY 600 Statistical Inference
  - EDPS 630 Research Procedures in Education

  *(Choose one of the following):*

  If qualitative research- EDCI 616 Advance Qualitative Research Methods in Education. If quantitative research- STAT 502 Experimental Statistics II or STAT 512 Applied Regression Analysis or PSY 601 Correlation and Experimental Design

  **Dissertation:** *(12 credit hours minimum)*

  - EDCI 699 Research Ph.D. Thesis
**MAJOR:** (Choose 5-7 of the following)

- YDAE 540       Program Development in Agricultural and Extension Education
- YDAE 542       Introduction to Agricultural Biotechnology for Educators
- YDAE 555       Principles of Extension Education
- YDAE 565       Principles of Adult Education
- YDAE 566       Conflict Management in Agricultural and Extension Education
- YDAE 640       Courses of Study in Agricultural Education Programs
- YDAE 641       Agricultural Education Programs for Post-Secondary Students *(offered infrequently)*
- YDAE 642       Seminar in Agricultural and Extension Education
- YDAE 643       Current Issues in Agricultural and Extension Education

See graduate advisor for using one or more of the following on a plan of study:

- YDAE 590       Individual Research Problems
- YDAE 591       Special Topics in Education
- YDAE 595       Internship in Agricultural and Extension Education

**Related Area:** (Choose 3-4 courses from one of the following areas) *Suggested areas are:*

**Adult Education:**
- YDAE 565, YDAE 566, EDCI 570

**College of Agriculture:** *(Recommended for Agricultural Science and Business Teachers)*
Select 500 and 600 level courses. See advisor for more details.

**Communications:** *(Recommended for Extension Educators)*
Select 500 and 600 level courses. See advisor for more details.

**Educational Technology:**
- YDAE 560, EDCI 570, YDAE 571, YDAE 572, select other as appropriate