



Doctorate of Philosophy (PhD) in Agricultural Education

Curriculum

CORE (14 credit minimum)

- Foundations and Philosophy (3) [AGED 8410, C&I-V 8310 or equivalent]
- Teaching/Learning (3) [AGED 8330, AGED 8350 or equivalent]
- Program Planning/Evaluation (3) [AGED 8430 or equivalent]
- Leadership (3) [AGED 8250 or equivalent]
- Research Internship (1-3) [AGED 8520 or equivalent]
- Teaching Internship (1-3) [AGED 8995 or equivalent]

RESEARCH and STATISTICS (18 credit minimum)

- Introductory Statistics (3) [ESC PS 7170, Soc 7120 or equivalent]
- Advanced Statistics and Data Analysis I (3) [ESC PS 8610, Soc 7130 or equivalent]
- Advanced Statistics and Data Analysis II (3) [ESC PS 8620, Soc 9837 or equivalent]
- Qualitative Research Methods (3) [ESC PS 8630 or equivalent]
- Research Methods and Design (3) [AGED 8510, RSoc 8510, or equivalent]
- Data Collection, Analysis & Interpretation (3) [AGED 9510, RSoc 9510, or equivalent]

AGRICULTURAL EDUCATION ELECTIVES (12 credit minimum)

- AGED 8087 – Seminar (var.)
- AGED 8250 – Leadership Theory and Application (3)
- AGED 8330 – Advanced Methods of Teaching Agriculture (3)
- AGED 8340 – Student & Teacher Development in Agricultural Education (3)
- AGED 8350 – College Teaching of Agriculture (3)
- AGED 8410 – Philosophical Foundations of Agricultural Education (3)
- AGED 8430 – Evaluation of Educational Programs (3)
- AGED 8520 – Preparing Manuscripts for Publication (1)
- AGED 8995 – College Teaching Practicum (1-3)
- AGED 9410 – Foundations and Practices of Teacher Education (3)

ELECTIVES (as needed to meet 72 credit minimum post-baccalaureate degree requirement)

The doctoral program committee may recommend that any or all of the credits from a masters degree be counted toward the total credits required for the doctoral degree, and that additional credits be transferred for continued graduate work completed either at MU or elsewhere. (Extension or correspondence course work from institutions other than the University of Missouri may not be transferred for the doctoral degree.)

DISSERTATION (9 credit minimum)

- AgEd 9090 – Research

CONCENTRATION (12 credit minimum)

Course work focusing on developing an area of expertise; may include, but not limited to: Teacher Education, Adult Education, Journalism, Educational Leadership, Agricultural Economics, and Agricultural Systems Management. There is a minor in College Teaching that is officially approved by the University.

EXAMPLE CONCENTRATIONS:

Teacher Education (select from the following courses)

- AGED 9410 – Foundations and Practices of Teacher Education (3)
- EdLPA 9441 – The Adult Learner (3)
- EdLPA 9442 – Curriculum Philosophy and Development in Higher Education (3)
- EdLPA 9444 – Program Planning in Higher and Continuing Education (3)
- EdLPA 9448 – College Teaching (3)
- EdLPA 9452 – Current Issues in Higher and Continuing Education (3)
- EdLPA 9453 – Continuing Education for the Professions (3)

College Teaching (official minor at the University of Missouri)

Core Courses (6 credits)

- EdLPA 9408 – SMR: The Professorate-Faculty Roles and Work in Academic Environments (3)
- EdLPA 9448 – College Teaching, EdLPA 9408 – SMR: Graduate Teaching Scholars, or equivalent (3)

Teaching Practicum (3-6 credits)

Electives (0-3 credits)

Information Science and Learning Technologies

- IS & LT 7301 - Introduction to Information Technology (3).
- IS & LT 7366 - Technology Leadership in Schools (3)
- IS & LT 7368 - Technology Across the Curriculum (3)
- IS & LT 7377 - Introduction to Technology in Schools (3)
- IS & LT 9424 - Knowledge Management (3)
- IS & LT 9440 - Learning with the Internet (3)
- IS & LT 9455 - Formative and Summative Evaluation (3)
- IS & LT 9467 - Technology to Enhance Learning (3)
- IS & LT 9468 - Task Analysis (3)
- IS & LT 9475 - Diffusion of Educational Innovations (3)
- IS & LT 9476 - Instructional Design Models and Strategies (3)
- IS & LT 9478 - Designing Problem-Based Learning Environments (3)