



## **ACEL PhD Degree**

Specializations include: Agricultural Communication, Agriscience Education, and Community and Extension Education.

### **Program Requirements (36 hours)**

*These courses are required for all students regardless of specialization*

#### **Core Foundations (12 hours)**

|           |   |
|-----------|---|
| ACEL 7000 | Graduate Orientation Seminar (1)                    |
| ACEL 8000 | Leading through Historical Perspectives (2)         |
| ACEL 8100 | Applied Communication Theory and Practice (3)       |
| ACEL 8310 | Theory of Learning and Cognition (3)                |
| ACEL 8200 | Critical Perspectives in Leadership Development (3) |

#### **Research and Data Analysis Cognate Area (15 hours)**

|           |  |
|-----------|--|
| ACEL 8855 | Research Methods and Design (3)                            |
| ACEL 8877 | Data Collection, Analysis & Interpretation (3)             |
|           | Quantitative Advanced Statistics (outside ACEL) (3)        |
|           | Qualitative Research (3)                                   |
|           | Additional advanced quantitative or qualitative course (3) |

#### **Department Electives (9 hours)**

*These courses should be chosen in conjunction with the student's advisor based on their specialization. See the list of department courses related to each specialization as a recommendation.*

### **Outside Cognate Area (9 hours minimum)**

#### **Cognate (9 credits)**

*A cognate represents a depth of knowledge in an area of inquiry outside of the student's area of specialization. Cognates are selected with advice from the student's advisor and related to the student's area of research.*

### **Dissertation Research (6 hours minimum)**

|           |                 |
|-----------|-----------------|
| ACEL 8999 | Research (1-12) |
|-----------|-----------------|

**\*A minimum of 80 graduate credit hours beyond the baccalaureate degree is required to earn a doctoral degree.**