ALEC 201 Foundations of Agricultural Leadership, Education and Communications  
Credits 2. 2 Lecture Hours.  
Survey of historical perspectives and future career opportunities in the field of agricultural leadership, education and communications; addresses undergraduate degree planner and departmental high-impact learning experiences; explores field of study standards for communication and publication; investigates learning preferences and academic support systems.  
Prerequisites: Freshman or sophomore classification; AGCJ, AGSC, ALED or USAL-LED majors.  

ALEC 285 Directed Studies  
Credits 1 to 4. 1 to 4 Other Hours.  
Directed study of selected issue in field of agricultural leadership, education, and communications with emphasis on collection, synthesis and interpretation of information. May be taken four times for credit.  
Prerequisite: Approval of department advisor.  

ALEC 289 Special Topics in...  
Credits 1 to 4. 1 to 4 Lecture Hours. 0 to 4 Lab Hours.  
Special topics in an identified area of agricultural development. May be repeated for credit.  
Prerequisite: Approval of department advisor.  

ALEC 291 Research  
Credits 1 to 4. 1 to 4 Lecture Hours.  
Research conducted under the direction of faculty member in agricultural communications and journalism. May be taken two times for credit.  
Prerequisites: Freshman or sophomore classification and approval of department advisor.  

ALEC 350 Global Agricultural Issues  
Credits 3. 3 Lecture Hours.  
Review of global agricultural issues (products, environment, people, and culture) affecting international agricultural development; concepts and principles underlying the processes of teaching, research, and service opportunities in international agricultural development and education situations.  
Prerequisites: Junior or senior classification or approval of instructor; GEOG 202.  

ALEC 380 Workshop in Agricultural Leadership, Education, and Communications  
Credits 1 to 4. 1 to 4 Lecture Hours.  
The study, understanding and solution of human-agricultural problems based on theory learned in the classroom, library, laboratory and fieldwork completed by individuals and teams. May be taken three times for credit.  
Prerequisite: Junior or senior classification.  

ALEC 412 Technology-Enhanced Instructional Design Strategies for Agriculture  
Credits 3. 3 Lecture Hours.  
Techniques and applications of technology to enhance instruction of agricultural topics; instructional design principles, instructional strategies, technological tools; the design, development and delivery of technology-enhanced instruction for agriculture and the life sciences. Not intended for majors in education.  
Prerequisite: Junior or senior classification.  

ALEC 425 Principles of Program Evaluation  
Credits 3. 3 Lecture Hours.  
Evaluation principles applied to educational programs in agriculture and life science; basic understanding of skills in program evaluation processes, concepts, and theories; develop expertise needed to design and conduct evaluations of youth and adults in extension, community, and school-based programs.  
Prerequisite: Junior or senior classification.  

ALEC 450 Global Social Justice Issues in Agriculture  
Credits 3. 3 Lecture Hours.  
An in-depth evaluation of global social justice issues and leadership skills necessary to effectively solve and manage issues in agricultural development; topics include awareness, knowledge and understanding of teaching, research and service opportunities for those seeking careers in global social justice and agricultural leadership.  
Prerequisite: Junior or senior classification or approval of instructor.  

ALEC 460 Applying International Development Theories in Agriculture  
Credits 3. 2 Lecture Hours. 2 Lab Hours.  
Practical application of agricultural development theories (geographical, communal, societal, etc.) in real-world settings; high-impact learning, research skill development, international travel and participation in a service-learning project with an international non-governmental organization.  
Prerequisites: Junior or senior classification; approval of department advisor.  

ALEC 485 Directed Studies  
Credits 1 to 4. 1 to 4 Other Hours.  
Directed individual study of selected problems in international agriculture leadership, education and communications. May be taken four times for credit.  
Prerequisites: Junior or senior classification; approval of department advisor.  

ALEC 489 Special Topics in...  
Credits 1 to 4. 1 to 4 Lecture Hours. 0 to 4 Lab Hours.  
Special topics in an identified area of international agriculture leadership, education, and communications. May be taken four times for credit.  
Prerequisite: Junior or senior classification.  

ALEC 491 Research  
Credits 1 to 4. 1 to 4 Lecture Hours.  
Research conducted under the direction of faculty member in international agricultural leadership, education, and communications. May be taken three times for credit.  
Prerequisites: Junior or senior classification.  

ALEC 494 Internship  
Credits 1 to 6. 1 to 6 Other Hours.  
Supervised internship and independent study related to the student's professional interest. May be taken six times for credit.  
Prerequisites: Junior or senior classification; approval of departmental advisor.