

ALEC - AG LEADRSHP, ED & COMM (ALEC)

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.

ALEC 370 Principles of Positive Youth Development

Credits 3. 3 Lecture Hours. Fundamental concepts of youth development practices, programs, organizations and services; development of a critical understanding of the changing views of adolescence and youth culture; overview of youth development theories and principles of positive youth development; aspects of youth development programs; developmental outcomes associated with participation in youth development programs. **Prerequisite:** Junior or senior classification.

ALEC 371 Skills and Techniques for Youth Development Professionals

Credits 3. 3 Lecture Hours. Development of skills for effective activity leadership to meet the needs of diverse youth populations; focus on applying experiential learning approaches, multiple activity styles, the role of intentionality, specificity, and application in activity selection, activity sequencing, and activity debriefing. **Prerequisite:** Junior or senior classification.

ALEC 372 Designing and Delivering Effective Youth Programs

Credits 3. 3 Lecture Hours. Comprehensive concepts of program design for youth programs; focuses on key programming issues; development of implementation plans; overview of equipment and facilities; focus on program flexibility, risk management and evaluation (formative and summative). **Prerequisites:** Junior or senior classification.

ALEC 375 Youth Development Programming in Sport and Physical Activities

Credits 3. 3 Lecture Hours. Role of community-based sports in developing healthy youth; ways in which sport programs can be designed to maximize physical, intellectual, emotional, and social outcomes; role of key adults and institutions in the delivery of youth sport experiences. **Prerequisites:** Junior or senior classification.

ALEC 377 Camp Management and Administration

Credits 3. 3 Lecture Hours. Structure and organization, administration and leadership, and challenges and opportunities facing professionals interested in careers in residential camping for youth. **Prerequisites:** Junior or senior classification.

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 399 High-Impact Experience

Credits 0. 0 Lecture Hours. Participation in an approved high-impact learning practice; documentation and self-assessment of learning experience. **Prerequisites:** Junior or senior classification; or approval of instructor.

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 or participation in a service-learning project with an international organization. **Prerequisites:** Junior or senior classification or approval of instructor.

ALEC 472 Grant Writing and Program Evaluation for Youth Development Organizations

Credits 3. 3 Lecture Hours. Development of knowledge and skills to successfully write grant proposals and design program evaluation plans for youth development organizations; appropriate funding opportunities and considerations; grant guidelines; budget, timeline, and personnel; program evaluation plan development; evaluating grant proposals. **Prerequisites:** Grade of C or better in ALEC 370 or RPTS 370; or approval of instructor; junior or senior classification.

ALEC 473 Diversity, Equity, and Inclusion in Youth Development Organizations

Credits 3. 3 Lecture Hours. 0 Lab Hours. Understanding of youth diversity (e.g., ability and disability, socio-economic background, race, ethnicity, and cultural background, beliefs and religion, and gender characteristics); implementation of inclusive and equitable programming; development of cultural competencies. **Prerequisites:** Grade of C or better in ALEC 370.

ALEC 474 Positive Youth Development in the Age of Artificial Intelligence

Credits 3. 3 Lecture Hours. Understanding the intersection of positive youth development and artificial intelligence; exploration of data science and machine learning techniques and how they can be leveraged to support and enhance the well-being and potential of young people. **Prerequisites:** Grade of C or better in ALEC 370; junior or senior classification.

ALEC 478 Youth Development Practice

Credits 3. 3 Lecture Hours. Application of youth development philosophy in community settings; principles and practices of community youth development and existing youth development models; local efforts related to community youth development. **Prerequisite:** Grade of C or better in ALEC 370 and ALEC 371 and junior or senior classification.

ALEC 485 Directed Studies

Credits 0 to 4. 0 to 4 Other Hours. Directed individual study of selected problems in international agriculture leadership, education and communications. **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 agriculture leadership, education, and communications. May be taken three times for credit. **Prerequisites:** Junior or senior classification; approval of department advisor.

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.