DEPARTMENT OF AGRICULTURAL AND EXTENSION EDUCATION

The mission of the Department of Agricultural and Extension Education includes teaching, research, and service. The specific objectives of the department are:

1. to prepare educators for employment in teaching agriculture and extension programs
2. to provide service and direction to FFA in Idaho
3. to prepare for careers in general learning/ranching or entry level positions in agricultural industry and agribusiness
4. to provide an opportunity for graduate study in the areas of agricultural and extension education
5. to assist in providing in-service education for agricultural educators in Idaho
6. to provide service to related agencies and organizations for the support of education and the development of human resources
7. to conduct quality research in agricultural and extension education
8. to assist in maintaining viable agricultural education programs; and
9. to assist in the development of information and instructional materials for the support of agricultural educators and extension personnel.

Courses in animal science, agricultural economics, agricultural mechanics, entomological science, plant science, horticulture, and soil science will prepare graduates to teach these areas as secondary agriculture instructors or develop educational programs as county extension faculty. The agricultural education curriculum is approved by the State Board for Professional-Technical Education. Graduates who have completed a minimum of 28 credits in agricultural education and who meet the state certification requirements for a standard secondary teaching certificate are qualified to teach secondary agriculture. Government and agribusiness agencies that seek persons with training in agriculture and education provide employment opportunities for graduates of this curriculum. Courses provide students an opportunity to develop employment opportunities in teaching agriculture, cooperative extension, and agribusiness occupations.

The department provides opportunities for professional growth and development to agricultural educators through a planned program of graduate study. The pursuit of an M.S. degree allows for the development of problem-solving skills through scientific investigation of appropriate research topics. Graduate work in agricultural and extension education is offered with the opportunity for students to elect options in agricultural sciences, extension education, professional-technical teacher education, international agricultural education, or other areas that parallel their career goals. Because of the diversity of research efforts by departmental faculty members, a graduate student has a wide variety of specializations from which to choose a thesis topic. Students with this degree are well prepared to move into a job market or to pursue a Ph.D. program at another institution.

Admission to a graduate program requires an undergraduate degree with a major in agricultural education or a closely related field. The department may require the Graduate Record Examination if there is insufficient information available to indicate that the student will be successful in graduate work.

The department welcomes inquiries about its programs and suggests that anyone interested in possible pursuit of a degree in agricultural and extension education should contact the department (telephone 208-885-6358).


**Majors**


**Minors**


**AGED 140 Introduction to Organizational and Personal Leadership Development**

1 credit

This course is designed to introduce the student to important concepts in organizational and personal leadership development. Topics will include organizational leadership, citizenship, and cooperation, personal development, employee/employer relations, and group and individual interpersonal communications skills.
AGED 158 Introduction to Supervised Agricultural Experience Programs
1 credit
This course is designed to introduce the student to important concepts in conducting and organizing supervised agricultural experience projects related to secondary agricultural education classroom and local FFA chapter. Topics will include project planning, goal setting, budgeting, record keeping, basic technical writing, project/program evaluation, employability skills, citizenship, employee/employer relations, and group and individual interpersonal communication skills. (Spring only)

AGED 159 Introduction to the FFA Organization
1-2 credits
This course is designed to introduce the student to important concepts in conducting, organizing, and competing in activities inherent in the Idaho and National FFA Organizations as an outgrowth of the secondary agricultural education classroom instruction and coupled with a successful supervised agricultural experience program. Topics will include parliamentary procedure, FFA History and activities, public speaking and communications, project planning, goal setting, budgeting, record keeping, basic technical writing, project/program evaluation, employability skills, citizenship, employee/employer relations, and group and individual interpersonal communication skills. (Spring only)

AGED 160 Survey of the Expectations and Responsibilities of Teaching High School Agriculture
1 credit, max 2
This course is designed for high school students interested in pursuing a career in agricultural education and will serve as a bridge class between high school and collegiate level teacher education courses. The course will include an exploration of the professional qualities and expectations of the teacher/educator. Roles, responsibilities and challenges in the field of education, leadership, and communication will be examined.

AGED 180 Introduction to Agricultural Education
1 credit
Overview of the goals, mission, and purpose agricultural education programs in High Schools. Course content will include topics related to career opportunities in Agricultural Education, key issues facing agricultural education programs in high schools at the local, state, and national levels; the importance of agricultural education to society; and the role of the agricultural educator in schools and communities. (Fall only)

AGED 200 (s) Seminar
Credit arranged
Prereq: Permission.

AGED 204 (s) Special Topics
Credit arranged.

AGED 251 Principles of Agricultural Communications and Leadership
3 credits
This course prepares individuals to serve in leadership and communication roles in agriculture. Course topics will include an examination of the journalistic, communication and broadcasting principles to develop and disseminate agricultural information, along with leadership principles related to leadership theory and personal leadership development.

AGED 258 Experiential Learning and SAE Programs
1 credit
This course addresses the role of experiential learning in Agricultural Education programs. A sound understanding and application of these programs is essential to the success of the local program. The emphasis of the course will be to provide students with supervised experience in agriculture. Record keeping skills will be developed to assist the student in planning, decision-making, and reporting.

AGED 299 (s) Directed Study
Credit arranged.

AGED 301 (s) Undergraduate Research
1-3 credits, max 3
Undergraduate research for students in agricultural education.
Prereq: Instructor Permission.

AGED 350 Leadership Event Coordination
1 credit
This course introduces students to the planning and implementation of leadership activities for the FFA - Career Technical Student Organization. Students will use leadership, communications, and teambuilding skills to plan leadership and career development events (CDE/LDE), awards ceremonies, educational workshops, and stakeholder activities as part of the Idaho FFA State Leadership Conference (travel required). Students will collaborate with stakeholder groups including the Idaho FFA Association, Idaho FFA Alumni, Idaho FFA Foundation, Idaho Agriculture Teachers Association (IATA), and the Idaho Division of Career and Technical Education.

AGED 351 Career and Technical Education
3 credits
Overview and interpretation of history, aims, and purposes of public education and career and technical education, issues and programs comprising education in Idaho and the U.S.

AGED 358 Supervising FFA and SAE Programs
3 credits
Role of secondary agriculture instructors in supervising FFA and Supervised Agricultural Experience programs. One lecture and one 2-hr lab a week. (Fall only)
Prereq: Agricultural Education major, and Permission
Prereq or Coreq: AGED 180.

AGED 359 Developing 4-H Youth Programs
AgEd 359 Developing 4-H Youth Programs (2 cr)
Planning, development, and leadership principles of 4-H/youth program; role of 4-H/youth educator and volunteer leader. Web-based course.

AGED 398 (s) Internship
AGED 400 (s) Seminar
Credit arranged.

AGED 403 (s) Workshop
Credit arranged.

AGED 404 (s) Special Topics
Credit arranged.

AGED 405 (s) Professional Development
Credit arranged.
AGED 406 Exploring International Agriculture  
3 credits  
*Gen Ed: International*  
General overview of agriculture around the world and the opportunity to develop an in-depth knowledge of agriculture in a country or region of student's choice. (Spring only)  
**Prereq:** Junior or Senior standing; and AGED 180, ASM 112, or SOIL 205; or Permission.

AGED 407 Global Agricultural & Life Sciences Systems  
3 credits, max 9  
This course will introduce students to the history, culture, economy and agricultural systems of a selected foreign country emphasized through a planned short-term international field experience. Through study and travel to the select country, students will be exposed to the history of the country, important cultural sites, production agriculture field operations, agricultural business enterprises, and international agricultural markets. Students will participate in educational and pre-trip informational sessions along with post-trip debriefing, class discussions, completing reports and developing presentations for other CALS classes and clubs about their experience.

AGED 448 Foundations of Extension Education  
2 credits  
Philosophy and principles, social and economic significance of extension education in agricultural and life sciences and the examination of behavioral science concepts in organization, development, and management of extension programs. Credit earned in AGED 548 by completion of in-depth paper or project on some aspect of extension programming. (Fall, alt/yr)

AGED 450 Developing Leaders  
3 credits  
An action-oriented, participatory examination of aspects of "leadership." Designed to stir students' excitement about becoming leaders in school, home, and community; help students develop enthusiasm and interest in focusing on their vision for the future; individual and group activities allow students to identify their leadership philosophy, enhance their strengths, and improve on their weaknesses. Additional projects/assignments reqd for grad cr. Recommended Preparation: AGED 250. (Alt/yr, Spring only)

AGED 451 Communicating in Agriculture  
3 credits  
Principles and practices of disseminating knowledge and information related to agricultural sciences, environment, and natural resources to clients and the general public; communications concepts, technology, and presentation skills that will help agricultural and natural resource professionals communicate effectively within their chosen profession. Recommended Preparation: AGED 250.

AGED 452 Methods of Teaching Agriculture  
4 credits  
Procedures of identifying and selecting instructional methods and materials, planning, and student evaluation criteria to effectively teach agriculture. (Fall only)  
**Prereq:** AGED 180, Agricultural Education major, and Permission  
**Prereq or Coreq:** AGED 358.

AGED 453 Program Planning in Secondary Agricultural Education  
3 credits  
Planning, organizing, and implementing secondary programs in agriculture. This course is to be taken during the student teaching semester. (Spring only)  
**Prereq:** AGED 452, Agricultural Education major, and Permission.

AGED 454 Facilities Organization and Management  
A2 credits  
Applications of efficient planning, organizing, and teaching skills reqd in management of lab and shop facilities.  
**Prereq:** AGED 180, Agricultural Education major, and Permission  
**Prereq or Coreq:** AGED 358.

AGED 460 Practicum: Secondary School Teaching in Agriculture  
10 credits  
Fifteen (15) wks of practical experience student teaching in secondary agriculture program. (Spring only)  
**Prereq:** Admission to the Teacher Education Program, and perm of dept.

AGED 461 Student Teaching Portfolio  
2 credits  
Summary of the 15-week practicum experience; a notebook portfolio to include unit lesson plans, daily teaching plans, video example of teaching, report of early field experience, daily journal, summary of 10 positive and 10 challenging teaching experiences, supervisory assessments of teaching by cooperating instructor and university supervisor, and cooperating teacher's final evaluation. (Spring only)

AGED 470 Proseminar in Agricultural Education  
1 credit  
Professional issues in agricultural education. Fall semester includes additional 8-hour Saturday session for CPR and first aid training.  
**Prereq:** Admission to Teacher Education Program, or Permission of department.

AGED 471 Senior Capstone in Agricultural Education  
1 credit  
*Gen Ed: Senior Experience*  
This course serves as the senior capstone course for the Bachelors of Science degree in Agricultural Education. The course meetings will include a meeting during the Idaho FFA State Leadership Conference in April, a final presentation, and a senior capstone debriefing meeting at the end of the student-teaching field-experience.  
**Prereq:** AGED 470  
**Coreq:** AGED 460 and AGED 461.

AGED 498 (s) Internship  
1-10 credits, max 10  
*Gen Ed: Senior Experience*  
Formalized learning experience in an actual work setting. Students work in an agriculturally related organization or agency and commit to a minimum of 40 hours of supervised work per semester credit. Requires completion of a formal proposal.  
**Prereq:** Junior or Senior standing; GPA of 2.75 and Permission.

AGED 499 (s) Directed Study  
Credit arranged.

AGED 500 Master's Res & Thesis  
Credit arranged.

AGED 501 (s) Seminar  
Credit arranged.

AGED 502 (s) Directed Study  
Credit arranged.

AGED 503 (s) Workshop  
Credit arranged.

AGED 504 (s) Special Topics  
Credit arranged.

AGED 505 (s) Professional Development  
Credit arranged.
AGED 548 Foundations of Extension Education
2 credits
Joint-listed with AGED 448.

AGED 550 Developing Leaders
3 credits
Joint-listed with AgEd 450.

AGED 560 Beginning Teacher Induction in Agricultural Education I
1 credit, max 2
This course is designed to develop an understanding and application of teaching agriculture using the three-circle model. The course is taught using on-site clinical supervision, technical assistance, leadership, follow-up and support to beginning teachers of secondary agricultural education program. (Fall only)

AGED 561 Beginning Teacher Induction in Agricultural Education II
1 credit
This course is designed to develop an understanding and application of teaching agriculture using the three-circle model. The course is taught using on-site clinical supervision, technical assistance, leadership, follow-up and support to beginning teachers of secondary agricultural education program. (Spring only)

AGED 562 Instructional Methods in Agricultural Education
3 credits
Innovations and advanced principles in teaching methods and materials.

AGED 563 History and Philosophy of Agricultural and Extension Education
3 credits
This course will review the development and growth of land-grant universities, agricultural experiment stations, the cooperative extension system, secondary and post-secondary agricultural programs, and the 4-H and FFA youth development organizations. Participants will conduct historical research and prepare a historical research manuscript for publication.

AGED 564 Curriculum Development in Agricultural Education
3 credits
Design and development of data based curriculum and curriculum evaluation procedures in agricultural and extension education. Critique of curriculum development models, contemporary trends and issues, curriculum resources and accountability tools. Analysis of the use of national and state standards as well as local community needs in curriculum development.

AGED 565 Program Planning and Evaluation in Agricultural Education
3 credits
This course is designed to develop an understanding of Program Planning and Evaluation relevant to secondary agricultural education. Theories of program planning, evaluation principles, models, and procedures used in developing and analyzing agricultural education programs, conducting needs assessments, and the marketing of outcomes to major stake-holders.

AGED 566 Advanced Philosophies of Teaching & Learning in Agricultural Education
3 credits
Foundations and theories of teaching and learning with emphasis on applications in the secondary agricultural education classroom. Emphasis will be placed upon behavioral, social cognitive, cognitive, information processing, brain-based, constructivist, developmental, motivational, and transformational theories as they apply in contemporary agricultural education settings. Advanced teaching methods and pedagogies based on researched best-practices.

AGED 598 (s) Internship
Credit arranged.

AGED 599 (s) Non-thesis Master's Research
Credit arranged
Research not directly related to a thesis or dissertation.
Prereq: Permission.