

AGRICULTURAL EDUCATION (AGED)

See Course Description Symbols and Terms (<https://catalog.csuchico.edu/academic-standards-policies/course-description-symbols-terms/>) for an explanation of course description terminology and symbols, the course numbering system, and course credit units.

AGED 201 Introduction to Agricultural Education 3 Units

Typically Offered: Fall only

Objectives, nature, and scope of teaching vocational agriculture. Types of programs and career opportunities in vocational education. 3 hours lecture. (000203)

Grade Basis: Graded

Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Lower Division

AGED 210 Directed Field Experience Agricultural Education 2 Units

Typically Offered: Fall only

An individualized class in gaining teaching experience through observation and critique of high school students and teachers in the classroom, at FFA events, and in supervised occupational experiences. 2 hours lecture. (000204)

Grade Basis: Graded

Repeatability: You may take this course for a maximum of 2 units

Course Attributes: Lower Division

AGED 321 Program Development in Agriculture Education 2 Units

Typically Offered: Spring only

Up-to-date approaches in integrated program development based on occupational opportunities and community needs. Philosophy, organization, and administration of agricultural education programs. Development of curriculum, supervised occupational experience, Future Farmers of America (FFA), and summer programs. 2 hours activity, 1 hour seminar. (000220)

Grade Basis: Graded

Repeatability: You may take this course for a maximum of 2 units

Course Attributes: Upper Division

AGED 398 Special Topics 1-3 Units

Typically Offered: Inquire at department

Typically the topic is offered on a one-time-only basis and may vary from semester to semester and be different for different sections. See the class schedule for the specific topic being offered. 0 hours supervision. (022052)

Grade Basis: Credit/No Credit

Repeatability: You may take this course more than once

Course Attributes: Upper Division

AGED 420 Techniques in Vocational Agricultural Instruction 2 Units

Prerequisite: AGED 201 or faculty permission.

Typically Offered: Spring only

Preparation for student teaching in agriculture. Orientation to classroom situations. Development of plans for teaching, including daily lessons and unit plans, utilization of source information, and resources. Class demonstration in teaching procedures, analysis, and evaluation. 2 hours activity, 1 hour seminar. (000208)

Grade Basis: Graded

Repeatability: You may take this course for a maximum of 2 units

Course Attributes: Upper Division

AGED 421 Curriculum and Methods in Teaching Agricultural Mechanics 3 Units

Prerequisite: AGET 120, AGET 150 or equivalent.

Typically Offered: Fall only

Curriculum development and methods of teaching and motivating students in agricultural mechanics. 3 hours laboratory, 2 hours seminar. (000230)

Grade Basis: Graded

Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Upper Division

AGED 520 Supervised Teaching: Agriculture 10 Units

Prerequisite: Acceptance into the fifth-year program in agricultural education.

Typically Offered: Fall and spring

Supervised teaching in public secondary school daily for one semester. Candidate will arrange his/her schedule so that he/she is free from all campus obligations. 30 hours supervision. (000221)

Grade Basis: Graded

Repeatability: You may take this course for a maximum of 10 units

Course Attributes: Upper Division

AGED 521 Curriculum and Methods of Teaching Vocational Agriculture 3 Units

Prerequisite: Acceptance into the fifth-year program in agricultural education.

Typically Offered: Fall and spring

Principles of curriculum development in agriculture; methods of teaching and organization of teaching material. 3 hours seminar. (000222)

Grade Basis: Graded

Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Upper Division

AGED 600 Research Methodology in Agricultural Education 3 Units

Prerequisite: Graduate status.

Typically Offered: Spring, summer, fall

Research methods are presented in support of decision-making in a scientifically literate world. Literature, logic, and research methodologies for quantitative paradigms are presented. Studies in the social sciences are emphasized. Students prepare a proposal for their thesis, dissertation, or creative component. The goal of this course is to gain an understanding of the theory and practice of social science research through critical evaluation of the research literature and by developing a research proposal. 9 hours independent study. (021209)

Grade Basis: Graduate Graded

Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Graduate Division

AGED 601 Program Planning in Agricultural Education 3 Units

Prerequisite: Graduate status.

Typically Offered: Spring, summer, fall

Development of a total agricultural education program in communities using all available resources. The purpose of this course is to expose students to a variety of situations and experiences that improve their ability to develop and implement effective education programs in formal and non-formal community education settings. To achieve this desired end, students (a) acquire an understanding of program development from theory to practice and (b) strengthen or develop their skills in planning, designing, implementing, evaluating, and accounting for educational programs for targeted audiences. 3 hours lecture. (021210)

Grade Basis: Graduate Graded

Repeatability: You may take this course for a maximum of 3 units

Course Attributes: Graduate Division

AGED 602 Instructional Methods in Agricultural Education 3 Units**Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This is an online course designed for graduate students who have a desire to improve their teaching ability by incorporating a variety of teaching methods into the learning setting. Specifically, this course focuses on various learning theories and teaching methods for both formal and non-formal learning situations. This online course is composed of teacher-centered approaches the first half of the semester with a focus on theory. Student-centered approaches consume the second half of the semester with a focus on the application of teaching methods and an emphasis on reflection. Students are expected to access the D2L site for course content and discussions. 9 hours independent study. (021213)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 603 Agricultural Leadership, Supervision, and Administration 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

Survey of concepts, theories, and practices of leadership, personal development, and group dynamics. Exploration of leadership traits and models with a focus upon how they apply to Agricultural Education. 9 hours independent study. (021214)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 604 Program Evaluation in Agricultural Education 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

Techniques in evaluating vocational, technical, and extension education programs. Principles and procedures of evaluation with emphasis on focusing, designing, reporting, and managing evaluation. 9 hours independent study. (021215)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 605 Adult Learners in Agricultural Education 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

Determining adult needs, priorities, participation in educational activities and adoption of new ideas and practices. Designing, organizing, conducting, and evaluating adult education programs in agricultural and extension education. The goal of this course is to understand the theory and practice of adult education. Students design an educational program for adult learners in an agricultural and extension education context. 9 hours independent study. (021211)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 607 Agricultural Education Foundations, History, and Philosophy 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This class is intended to serve as the foundation of your graduate-level studies in agricultural and extension education. It is intended to acquaint the student with broader cultural and historical conditions based on a philosophical perspective. This course should give you the ability to formulate some of the assumptions on which you will build your particular knowledge base in agricultural education. Through this knowledge acquisition, the student should investigate their curriculum of study, reminded of this general framework within which the specialized knowledge of agricultural education is explained and formulate your philosophical beliefs. The primary purpose of this course is to provide the student with an examined grounding in the principle divisions of thought (philosophies), seminal events and people in the history of agriculture (history), and decisions made (policy), resulting in the current state of affairs in agricultural education. It has been said that policy is the expression or operationalization of philosophy and policy both creates and is influenced by history. The convergence of these factors determines the future direction of agriculture and agricultural education. 9 hours independent study. (021212)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 608 Teaching Diverse Learners in Agricultural Education 3 Units****Prerequisite:** Graduate Status.**Typically Offered:** Spring, summer, fall

This course is designed to develop an understanding and application of skills needed to successfully integrate special needs students into the secondary agriculture classroom. Specific modifications for a variety of special needs students are addressed, especially as needed to meet the unique nature of secondary agricultural education classroom. FFA and SAE components. 3 hours lecture. (021278)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 609 Critical and Creative Thinking in Agricultural Education 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This course is designed to teach students critical and creative thinking skills that are applied in context specific problem solving and decision making. Students learn to apply critical and creative thinking skills to their everyday lives. Students apply critical and creative thinking skills to local, state, national as well as global issues and problems. 9 hours independent study. (021392)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division

AGED 610 Assessment in Agricultural Education 3 Units**Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This graduate level course is designed to develop an understanding and application of assessment relevant to agricultural education. Students develop, administer, and analyze formal, informal, and performance assessment techniques to monitor and evaluate student learning and guide modification. 9 hours independent study. (021216)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 611 Curriculum Development in Agricultural Education 3 Units****Typically Offered:** Fall and spring

The essential question the learner should ask in preparing for this course is: How do I make professional instructional decisions that maximize learning for my students? With this question in mind, we explore together curriculum theories, challenges, and opportunities that focus on teacher decision-making with the goal of providing the most rigorous, relevant and comprehensive curriculum possible given the local circumstances surrounding individual Agricultural Education programs. 3 hours lecture. (021852)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 612 Communicating Ethical Issues in Agriculture 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This course is designed to teach students to better be able to articulate agricultural issues in an ethical theory context. Additionally, students learn to explore how topics from proponents and opponents of agricultural and natural resources practices are communicated and improve their understanding of communicating agricultural ethical issues. 9 hours independent study. (021391)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 613 History and Philosophy of Agricultural and Extension Education 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

The primary purpose of this course is to provide the student with an examined grounding in the seminal events and people in the history of agriculture (history), principle divisions of thought, and decisions made, resulting in the current state of affairs in agricultural and extension education. It has been said that policy is the expression or operationalization of philosophy and policy creates history yet is influenced by history. The convergence of these factors determines the future direction of agriculture and extension education. 9 hours independent study. (021381)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 614 Grant Seeking in Agricultural Education 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

External funding proposal development for foundation and government agencies. Conceptualizing projects, identifying funding sources, and developing proposals that follow RFP guidelines including a literature review, need for the project, approach, timeline, and budget. 9 hours independent study. (021390)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 615 Information Technologies in Agricultural Education 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This course seeks to identify and explain the principles, theory, and techniques of using information technologies to provide instruction to learners, both in person and at a distance, in formal and non-formal educational settings. 9 hours independent study. (021388)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 617 Knowledge Management in Agricultural Education and Communication 3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

Knowledge Management is a discipline that takes a comprehensive, systematic approach to the information assets of an organization by identifying, capturing, collecting, organizing, indexing, storing, integrating, retrieving, and sharing them. This strategy turns an organization's intellectual assets into greater productivity and increased competitiveness. It encourages collaboration for the sharing of expertise and knowledge of the best practices. This course examines knowledge management as it is emerging and being applied in agriculture and natural resources. 9 hours independent study. (021389)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 619 Volunteering Management in Agricultural Education 3 Units****Typically Offered:** Fall and spring

This course is designed for educators working in either a formal or informal setting who have responsibility for recruiting, managing, and leader volunteers. The goal of this course is to provide a comprehensive introduction to the dynamic area of volunteerism. Students design a Volunteer Management Portfolio suitable for use in non-profit organizations or educational programs found in formal or informal settings. Specific course goals include: 1. Provide an overview of trends and issues in volunteer management. 2. Provide leadership strategies for optimizing volunteer effectiveness. 3. Provide strategies for evaluating volunteer service. 3 hours lecture. (021853)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division

AGED 620 Online Media in Agricultural Education and Communication**3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

The convergence of multiple forms of media - newspaper, video, radio, and photojournalism - on the Internet is impacting how agricultural communicators provide information on various topics. The increasing presence of social media also impacts how agricultural messages are communicated. Agricultural communicators should understand how audiences in agriculture and natural resources utilize online media and for what purposes. 9 hours independent study. (021380)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 621 Advanced Methods of Teaching Agricultural Education****3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This course is designed for professional educators who want to improve their teaching practice. The goal of every good teacher is to create effective learning experiences for students, but how do you create those learning experiences in a challenging school environment? 9 hours independent study. (021387)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 622 Priority Management in Agricultural and Extension Education****3 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

Examination of theoretical, psychological, and empirical bases for strategies and techniques that contribute to enhancing managerial and personal effectiveness of agricultural educators and individuals in related agricultural organizations. 3 hours independent study. (021379)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 623 Ethics and Ethical Applications in Agricultural Leadership****3 Units****Typically Offered:** Fall and spring

Ethical reasoning skills necessary for making decisions in agricultural leadership. Emphasis is given to developing an ethical mindset towards human diversity in organizations, social and leadership positions responsibility. Topics include: purpose of the ethics in leadership, the nature of ethics, ethical dilemmas, ethical decision making, diversity in organizations (based on race, ethnicity and accent, age, skin color, religion, physical abilities, sexual orientation and gender) and social responsibility in the agricultural industry. The main focus is to develop ethically and socially responsible leaders and organizational members in the agricultural industry. 3 hours lecture. (021855)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 624 Technological Applications in Agricultural Leadership****3 Units****Typically Offered:** Fall and spring

Overview of essential computing, data analysis, and technology applications used in agricultural leadership positions and the agricultural industry. In depth instruction using specific technologies to advance students skills in industry in the 21st century. Emphasized the use of various technology tools to support practices, communication, and the proves of change in agricultural leadership. 3 hours lecture. (021854)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 625 Technological Change in Agricultural Education****3 Units****Prerequisite:** Graduate Status.**Typically Offered:** Spring, summer, fall

Processes by which professional change agents in agricultural and extension education influence the introduction, adoption, and diffusion of planned technological change. 9 hours independent study. (021383)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 630 Leadership in Agricultural Organizations****3 Units****Typically Offered:** Fall and spring

This course focuses on leadership potential development of students to serve in various agribusiness's, organizations, and associations. Course content includes an investigation and critical analysis of major leadership theories and models. The course serves to facilitate the expansion of the sphere of leadership influence of agriculturalists in their communities and homes. 3 hours lecture. (021872)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 650 Advanced Agricultural Issues****3 Units****Typically Offered:** Fall and spring

This advanced course is designed to develop critical thinking and writing skills and develop an understanding of current issues facing the agricultural industry. Students gain an appreciation for the diversity of agricultural and agricultural polices. 3 hours lecture. (021850)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 689 Graduate Internship in Agriculture****1-6 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

The objective of the graduate internship program is to enhance the technical, professional and/or leadership capabilities of employees involved in agriculture production, service, education, business, communication and/or research organizations. Graduate students received practical experience in a wide variety of agricultural science related fields, including, production, business, teaching, service, communication, and research. The internship program may also serve to acquaint student interns with agricultural practices, while establishing valuable professional contacts in their chosen field. Additionally, the internship offers opportunity for professional growth. The internship may be spent in the private or public sector. 0 hours independent study. (021436)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 6 units**Course Attributes:** Graduate Division

AGED 696 Comprehensive Examination in Agricultural Education 3 Units**Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This graduate level course is designed to serve as one option for the required culminating experience in Agricultural Education. A formal examination comprised of content across the student's course of study shall be prepared by the graduate advisory committee. The exam includes a six hour written comprehensive examination and a one hour oral review of the written exams. 9 hours independent study. (021385)

Grade Basis: Graduate Graded**Repeatability:** You may take this course for a maximum of 3 units**Course Attributes:** Graduate Division**AGED 697 Independent Study 1-6 Units****Prerequisite:** Graduate status.**Typically Offered:** Fall and spring

This course is a graduate-level independent study, offered for 1-6 units. 12 hours supervision. (021292)

Grade Basis: Report in Progress: Graded**Repeatability:** You may take this course for a maximum of 6 units**Course Attributes:** Graduate Division**AGED 699P Master's Project in Agricultural Education 3-6 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This course is designed to demonstrate an understanding and application of research through the creation of independent and original work, culminating in a scholarly project. The master's project must document original student work and must be of sufficient quality to share with other professionals. The final project should address a particular need in agricultural education, included documented research, and be presented in a scholarly format. 9 hours independent study. (021217)

Grade Basis: Report in Progress: CR/NC**Repeatability:** You may take this course for a maximum of 6 units**Course Attributes:** Graduate Division**AGED 699T Master's Thesis in Agricultural Education 3-6 Units****Prerequisite:** Graduate status.**Typically Offered:** Spring, summer, fall

This course is designed to demonstrate an understanding and application of research through the creation of independent and original work, culminating in a scholarly research paper. The master's thesis must document original student research in a scholarly presentation capable of submission to research conferences or a professional journal. The thesis should address a particular need in agricultural education and inform practice. 18 hours independent study. (021218)

Grade Basis: Report in Progress: CR/NC**Repeatability:** You may take this course for a maximum of 6 units**Course Attributes:** Graduate Division