

Fall 2020 Course Descriptions as of 04/05/2020 08:10 PM

Information in Browse Course Catalog is subject to change. Information is term specific. Please refer to the appropriate term when searching for course content. Key to Course Descriptions may be found at: http://rcs.registrar.arizona.edu/course_descriptions_key.

Agricultural Education Main (AED)

AED 150A1: Learn to Teach to Learn (3 units)

Description: This course is designed to assist learners acquire and develop knowledge and strategies than enhance academic and personal development and help becoming an effective college-level adult learner and presenter. Particular emphasis will be placed on both learning and instructional skills such as critical thinking, developing personal and educational goals, improving comprehension, applying organizational techniques, making use of evaluation, fostering career planning and leadership, and recognizing and responding to different learning, teaching, and instructional styles.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Discussion	May Be Offered
	Lecture	Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Enrollment requirement: Enrollment not allowed if you have previously taken INDV 101 "Learn to Teach to Learn" (Topic 2).

General Education: INDV 101

AED 150C1: Food, Fiber & Natural Resources (3 units)

Description: Students will explore American agriculture, specifically the food, fiber, and natural resources industries. Students will be able to identify and describe essential aspects of each industry and apply learned knowledge to present day agriculture in order to make informed decisions as consumers of agriculture. The course is designed for students with limited agricultural knowledge who wish to expand their knowledge base in this field of study.

Grading basis: Regular Grades

Career: Undergraduate

Course Components:	Discussion	May Be Offered
	Lecture	Required

General Education: INDV 103

Honors Course: Honors Contract

Honors Course: Honors Contract

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 195A: Freshman Colloquium (1 unit)

Description: Instruction often includes lectures by several different persons, usually in a small group setting. Designed to give students insight into the concepts and practices which typify different academic disciplines, and introduce students to the methods and standards of the discipline for discovering new knowledge, the values which characterize the field of study, advances in the field, impact on society, and career opportunities.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Colloquium Required

Equivalent to: ABE 195A

Course typically offered:

Main Campus: Fall

Freshman Colloquia: Freshman Colloquia

Success Course: Success Course

AED 195B: Professional Resiliency Colloquium (1 unit)

Description: A colloquium course that explores the best practices in developing personal and professional resiliency.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Colloquium Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

Freshman Colloquia: Freshman Colloquia

AED 201: Effective Organizations using Parliamentary Law (2 units)

Description: Students will gain knowledge to effectively participate in organized societies. Participants will explore the fundamental principles and rules of parliamentary procedure and gain the knowledge and skills to confidently conduct and participate in effective meetings. A foundation for becoming a credentialed parliamentarian will be established.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring

Field trip: none

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 210: Resiliency and Human Potential (3 units)

Description: The course provides a background in resiliency research to assist learners in acquiring the knowledge and strategies to enhance personal and professional resilience. Understand, assess, plan, and apply resiliency practices that manage stress to foster academic, personal and professional development.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall, Spring, Summer

General Education: Tier 2 Individuals & Societies

AED 222: Planning & Organizing Youth Career Development Event & Leadership

Activities (3 units)

Description: The purpose of this course is to expose students to the concept of the application of learning utilized in agricultural education. We will explore the role and impact of Career Development Events (CDE) in the secondary agricultural education program. The course will introduce students to use an Microsoft Access-based Career Development Event (CDE) tabulations program to set up and score a competitive 4H judging or FFA Career Development Event for district or statewide field day. Students will need to provide their own thumb-drive to store data files. Students will gain hands-on experience with Microsoft Access, Excel, Powerpoint, and Word software.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: AGTM 222

Also offered as: AGTM 222

AED 293: Internship (1 - 6 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 295B: Heritage and Traditions of the University of Arizona (2 units)

Description: The rich heritage of the Land-Grant mission and the events and people who have influenced and shaped the traditions that are part of the University of Arizona will be explored.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Colloquium Required

Course typically offered:

Main Campus: Fall, Spring

AED 295C: Wildcat Traditions of The University of Arizona (1 unit)

Description: The events and people that have influenced and shaped the Wildcat traditions that are part of The University of Arizona will be explored.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Colloquium Required

Success Course: Success Course

AED 299: Independent Study (1 - 3 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

AED 299H: Honors Independent Study (1 - 3 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 301: Youth Leadership Development (3 units)

Description: Characteristics of effective advisors, leadership styles, strategies for the management and organization of youth groups in agriculture, practice in leadership development techniques.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

AED 310: Transitional Resiliency (3 units)

Description: This course blends current research on resiliency, learning, and leadership in an integrative manner to foster individual leadership. Focus is on the: physical, psychological, and social systems of resiliency; psychological principles applied to learning and instructional design; and analysis of readings addressing practical and theoretical leadership principles.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: AEDV 310

AED 311: Professional Leadership Concepts (3 units)

Description: This course will introduce you to a broad range of practical and theoretical leadership concepts. Within those leadership concepts you will identify the essential traits of effective leaders in academic and professional settings. Throughout the course you will be asked to consider the effect that knowledge, behavior, social influence, and decision making have on the leadership role. Course participants will use the knowledge and understanding gained in this course to complete a leadership project that requires each participant to actively use leadership traits in an appropriate academic or professional setting.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

AED 391: Preceptorship (1 - 3 units)

Description: Specialized work on an individual basis, consisting of instruction and practice in actual service in a department, program, or discipline. Teaching formats may include seminars, in-depth studies, laboratory work and patient study.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 391H: Honors Preceptorship (1 - 3 units)

Description: Specialized work on an individual basis, consisting of instruction and practice in actual service in a department, program, or discipline. Teaching formats may include seminars, in-depth studies, laboratory work and patient study.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

AED 393: Internship (1 - 6 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

AED 394: Practicum (1 - 6 units)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring

AED 396H: Honors Proseminar (3 units)

Description: The development and exchange of scholarly information, usually in a small group setting. The scope of work shall consist of research by course registrants, with the exchange of the results of such research through discussion, reports, and/or papers.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 397E: Workshop for Preceptors (1 unit)

Description: Practical application of teaching/learning activities focused on the improvement of instruction to enhance the teaching ability of student assistants who serve in various departments in the College of Agriculture as preceptors.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

AED 399: Independent Study (1 - 3 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

AED 399H: Honors Independent Study (1 - 3 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

AED 401A: Teacher Induction - Principles and Philosophy of CTE and Agricultural Education (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on the principles and philosophy of CTE and Agricultural Education.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 501A

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 401B: Teacher Induction for Teacher-Operating a CTE Student Organization-Year 1
(3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on the operation of a CTE Student Organization.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 501B

Recommendations and additional information: AED 401A or consent of instructor.

AED 401C: Teacher Induction Program - CTE Classroom Management (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on CTE Classroom Management.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 501C

Recommendations and additional information: AED 401B or consent of instructor.

AED 401D: Teacher Induction Program-Assessment and Evaluation-Year 1 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Assessment and Evaluation.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 501D

Recommendations and additional information: AED 401C or consent of instructor.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 402A: Teacher Induction for Teacher-Methods of Teaching Agriculture-Advanced Year 2 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Methods of Teaching Agriculture.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 502A

Recommendations and additional information: AED 401A and AED 401B or consent of instructor.

AED 402B: Teacher Induction Program-Educational Philosophy-Year 2 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Educational Philosophy.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Recommendations and additional information: AED 402A or consent of instructor.

AED 402C: Teacher Induction-Methods of Teaching Agriculture Basics-Year 2 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Methods of Teaching Agriculture.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 502C

Recommendations and additional information: AED 401C and AED 401D or consent of instructor.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 402D: Teacher Induction-Beginning Educational Philosophy-Year 2 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Educational Philosophy.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 502D

Recommendations and additional information: AED 402C or consent of instructor.

AED 405A: Principles of Career and Technical Education (3 units)

Description: Social and economic values of career and technical education, federal laws, state policies, and administration; theories and principles, with special reference to programs in the secondary school.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

AED 408: Diversity Issues in a Contemporary Society (3 units)

Description: This course is designed as a work world preparation course for all majors. As students ready to leave the relative safety of the cocooned worlds of their chosen disciplines, this course provides practical tools and information necessary to succeed in a diverse and changing world of work. By combining interactive learning, current and relevant readings, and key presenters, the course will help completers integrate more smoothly into the next phase of their lives. As the world shrinks and we find ourselves playing roles in an increasingly diverse society, understanding the communication process and how culture, race and gender affect interpersonal communication becomes ever so more important for all of us. The class will take an objective look at our own beliefs and the beliefs and systems espoused by our chosen disciplines. The students who graduate today will create the way our fields operate in the future.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: CALS 408

General Education: Gen Ed Diversity Emphasis

General Education: Tier 2 Individuals & Societies

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 420: Leadership, Mentoring and Advocacy: Principles and Practices (3 units)

Description: This course will provide advanced knowledge of the behavior, social influence, ethical challenges and decision-making processes related to strategic leadership. The interrelationships of leadership, mentoring and advocacy will be explored, and their roles discussed in relation to addressing challenges, effective problem solving, critical thinking, and in developing strategic foresight and systems thinking. The literature on leaders and what attributes great leaders possess is continually debated. In this course we will look at our own attributes and strengths, and how these transfer to effective leadership. Self-knowledge and self-awareness will be the basis of understanding some of the more common theories of leadership and leadership development, and the skills, values, abilities, and ethical considerations that the leader of the future will need to possess.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 520

Course typically offered: Online Campus: Spring
Distance Campus: Spring

AED 437: Methods of Facilitating Learning (3 units)

Description: Students will plan, facilitate, and assess learning experiences for myriad situations. Students will be able to identify and apply resources and methods for facilitating learning with multiple audiences. Students will also learn how to develop objectives and assessments, as well as design materials to use in the facilitation process.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

AED 438: The Teaching of Secondary School Agricultural Science (3 units)

Description: Specific methods, objectives, organization of subject matter, and evaluation in the various subjects.

Grading basis: Regular Grades

Career: Undergraduate

Flat Fee: \$12

Course Components: Lecture Required

Co-convened with: AED 538

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 450: Total Program Development (3 units)

Description: This course is designed to prepare preservice agriculture teachers to work with the intracurricular and peripheral programs that are an integral part of the three circle model of agricultural education. Course content will include: Supervised Agricultural Experience (SAE) programs, the National FFA student organization, and school and community relationships in a formal education setting.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 550

Course typically offered:

Main Campus: Spring

AED 460: Instructional Materials Development (4 units)

Description: Analysis and construction of resources and materials used in instructional delivery. Analysis and development of competencies and behavioral objectives used in preparing instructional materials.

Grading basis: Regular Grades

Career: Undergraduate

Flat Fee: \$48

Course Components: Laboratory May Be Offered
Lecture Required

Co-convened with: AED 560

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Prerequisite or concurrent registration, AED 493.

AED 462: Curriculum Development (3 units)

Description: Designed to prepare student teachers for their year in preservice. Provides introductory material on curriculum development, record books and SAEs (experiential education), and the FFA as it relates to agricultural education.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 562

Course typically offered:

Main Campus: Spring

Enrollment requirement: MATH 112 and CHEM 151 or CHEM 141/143 or CHEM 161/163

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: Students will develop leadership and communication skills from learning about agricultural related issues and exposure to the policy process from the local level to the national level.

Career: Undergraduate

AED 472: Washington Collegiate Agriculture Leadership Experience (1 unit)

Description: This course is an optional extension of A ED 470: Informed Advocacy and Communication. Students will apply knowledge of change models of leadership development to an intensive educational experience in the nation's capital.

Career: Undergraduate

Field trip: Students will engage in a week-long experience in Washington, DC, at the conclusion of the regular term.

Description: Methods and procedures in teaching psychomotor operational skills, conducting demonstrations, providing for student and teacher safety, sequencing skills activities, providing and organizing agricultural education facilities, including micro-teaching demonstrations.

Career: Undergraduate

Flat Fee: \$19

Co-convened with: AED 585

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment.

Career: Undergraduate

Repeatable: Course can be repeated for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 493A: Internship - Pre-Student Teaching (1 - 8 units)

Description: This is an internship for the pre-student teaching experience.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Co-convened with: AED 593A

Course typically offered:

Main Campus: Spring

AED 493B: Internship - Student Teaching (1 - 8 units)

Description: This is an internship for the student teaching experience.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Flat Fee: \$100

Course Components: Independent Study Required

Co-convened with: AED 593B

Course typically offered:

Main Campus: Spring

AED 493H: Honors Internship (1 - 8 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

AED 494A: Practicums in Agricultural Education (1 - 5 units)

Description: Provide students with the opportunity to develop proficiency in one or more skills area of an agriculture subject they will be responsible for teaching during their spring student teaching field experience using the assistance of a community resource person.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Co-convened with: AED 594A

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 494R: Research (3 units)

Description: The practical application, on an individual basis, of previously studied theory and the collection of data for future theoretical interpretation.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 2 times.

Recommendations and additional information: ENGL 101, ABE 120, consent of the instructor.

AED 496: Special Topics in Agricultural Education (1 - 3 units)

Description: The special topics course opens the possibility to offer a variety of subjects that enhance the curriculum as a response to current issues and trending topics in ag education. The scope of work shall vary depending on the content of course

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 99 times.

Co-convened with: AED 596

Course typically offered:

Main Campus: Fall, Winter, Spring, Summer

Field trip: No

AED 496C: Ambassador Orientation (1 - 2 units)

Description: The development and exchange of scholarly information, usually in a small group setting. The scope of work shall consist of research by course registrants, with the exchange of the results of such research through discussion, reports, and/or papers.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Repeatable: Course can be repeated for a maximum of 4 units.

Recommendations and additional information: Open to COA Ambassadors only.

AED 496D: Teaching Science and Mathematics Through Inquiry (3 units)

Description: This seminar will provide a comprehensive introduction to teaching science and mathematics through inquiry. The seminar will consist of team taught sessions that include student and instructor presentations, active learning exercises, and discussions.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Equivalent to: MSE 496D

Co-convened with: AED 596D

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 497F: Structured English Immersion Teaching Methodology (3 units)

Description: Applied practice in sheltered content instruction for English language learners within Arizona Agriscience programs. Topics include: lesson plan development, sheltered teaching strategies, first and second language acquisition theory and the Sheltered Instruction Observation Protocol (SIOP) model. This course is designed to meet and fulfill the LRC 417 requirements.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Recommendations and additional information: LRC 416, AED 438, and AED 498A are the prerequisites.

AED 497G: Instructional Advances in Career and Technical Education (1 - 3 units)

Description: Pre-service and in-service teachers crosswalk Career and Technical Education (CTE) Competencies with business and industry validated assessment options.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Workshop Required

Co-convened with: AED 597G

Course typically offered:

Main Campus: Summer

AED 497Q: Advances in Agricultural Communication/Education (1 - 5 units)

Description: Workshop that deals with the practical application of communication theories at the college level as they relate to planning and implementation of communication activities.

Grading basis: Student Option ABCDE/PF

Career: Undergraduate

Course Components: Workshop Required

Repeatable: Course can be repeated a maximum of 2 times.

Co-convened with: AED 597Q

Course typically offered:

Main Campus: Fall, Spring, Summer

AED 498: Senior Capstone (1 - 4 units)

Description: A culminating experience for majors involving a substantive project that demonstrates a synthesis of learning accumulated in the major, including broadly comprehensive knowledge of the discipline and its methodologies. Senior standing required.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated for a maximum of 6 units.

Course typically offered:

Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 498A: Senior Capstone-Pre-Student Teaching (1 - 4 units)

Description: A culminating experience for majors involving a substantive project that demonstrates a synthesis of learning accumulated in the major, including broadly comprehensive knowledge of the discipline and its methodologies. Senior standing required. Emphasis is on Pre-Student Teaching.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated for a maximum of 6 units.

Course typically offered:

Main Campus: Spring

AED 498B: Senior Capstone-Student Teaching (1 - 4 units)

Description: A culminating experience for majors involving a substantive project that demonstrates a synthesis of learning accumulated in the major, including broadly comprehensive knowledge of the discipline and its methodologies. Senior standing required. Student teaching emphasis.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated for a maximum of 6 units.

Course typically offered:

Main Campus: Spring

AED 498H: Honors Thesis (3 units)

Description: An honors thesis is required of all the students graduating with honors. Students ordinarily sign up for this course as a two-semester sequence. The first semester the student performs research under the supervision of a faculty member; the second semester the student writes an honors thesis.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated for a maximum of 9 units.

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 499: Independent Study (1 - 5 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

AED 499H: Honors Independent Study (1 - 5 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: Student must be active in the Honors College.

Honors Course: Honors Course

Honors Course: Honors Course

AED 501A: Teacher Induction - Principles and Philosophy of CTE and Agricultural Education (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on the principles and philosophy of CTE and Agricultural Education. Graduate-level requirements include compiling a professional portfolio based on guidelines determined by faculty and employers.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: AED 401A

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on the operation of a CTE Student Organization. Graduate-level requirements include completion of three additional assignments. Each assignment will address specific needs of the student and their agricultural education program.

Recommendations and additional information: AED 501A or consent of instructor.

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on CTE Classroom Management. Graduate-level requirements include compiling a professional portfolio based on guidelines determined by faculty and employers.

Recommendations and additional information: AED 501B or consent of instructor.

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Assessment and Evaluation. Graduate-level requirements include three additional assignments. Each assignment will address specific needs of the student and their agricultural education program.

Recommendations and additional information: AED 501C or consent of instructor.

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 502A: Teacher Induction for Teacher-Methods of Teaching Agriculture, Advanced-Year 2 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Methods of Teaching Agriculture. Graduate-level requirements include completing three additional assignments per semester. Each assignment will address specific needs of the student and their agricultural education program.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: AED 402A

Recommendations and additional information: AED 501A and AED 501B or consent of instructor.

AED 502B: Teacher Induction Program-Educational Philosophy-Year 2 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Educational Philosophy. Graduate-level requirements include completing three additional assignments per semester. Each assignment will address specific needs of the student and their agricultural education program.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

AED 502C: Teacher Induction - Methods of Teaching Agriculture Basics -Year 2 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Methods of Teaching Agriculture. Graduate-level requirements include completing three additional assignments per semester. Each assignment will address specific needs of the student and their agricultural education program, and will carry an additional 300 points of influence on the final grade.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: AED 402C

Recommendations and additional information: AED 501C and AED 501D or consent of instructor.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 502D: Teacher Induction-Beginning Educational Philosophy-Year 2 (3 units)

Description: The Induction Program for beginning teachers in Agricultural Education is designed to help new professionals matriculate into the profession and thrive in their new environments. Research tells us that the first three years are the most challenging for many teachers. This class meets critical needs found in the first semester of educational life. Focus is primarily on Educational Philosophy. Graduate-level requirements include completing three additional assignments per semester. Each assignment will address specific needs of the student and their agricultural education program.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: AED 402D

Recommendations and additional information: AED 502C or consent of instructor.

AED 505A: Principles of Career and Technical Education (3 units)

Description: Social and economic values of career and technical education, federal laws, state policies, and administration; theories and principles, with special reference to programs in the secondary school. Graduate-level requirements include a position paper on a major philosophy of education worth 100 points.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: AED 405A

Course typically offered:

Main Campus: Spring

AED 520: Leadership, Mentoring and Advocacy: Principles and Practices (3 units)

Description: This course will provide advanced knowledge of the behavior, social influence, ethical challenges and decision-making processes related to strategic leadership. The interrelationships of leadership, mentoring and advocacy will be explored, and their roles discussed in relation to addressing challenges, effective problem solving, critical thinking, and in developing strategic foresight and systems thinking. The literature on leaders and what attributes great leaders possess is continually debated. In this course we will look at our own attributes and strengths, and how these transfer to effective leadership. Self-knowledge and self-awareness will be the basis of understanding some of the more common theories of leadership and leadership development, and the skills, values, abilities, and ethical considerations that the leader of the future will need to possess.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: AED 420

Course typically offered: South Campus: Spring

Online Campus: Spring

Distance Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 537: Methods of Facilitating Learning (3 units)

Description: Students will plan, facilitate, and assess learning experiences for myriad situations. Students will be able to identify and apply resources and methods for facilitating learning with multiple audiences. Students will also learn how to develop objectives and assessments, as well as design materials to use in the facilitation process.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
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Co-convened with:

Course typically offered:

Main Campus: Spring

AED 538: The Teaching of Secondary School Agricultural Science (3 units)

Description: Specific methods, objectives, organization of subject matter, and evaluation in the various subjects. Graduate-level requirements include an entire year's secondary curriculum plan.

Grading basis: Regular Grades

Career: Graduate

Flat Fee: \$12

Course Components:	Lecture	Required
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Equivalent to: HEE 538

Co-convened with: AED 438

Course typically offered:

Main Campus: Fall

AED 550: Total Program Development (3 units)

Description: This course is designed to prepare preservice agriculture teachers to work with the intracurricular and peripheral programs that are an integral part of the three circle model of agricultural education. Course content will include: Supervised Agricultural Experience (SAE) programs, the National FFA student organization, and school and community relationships in a formal education setting.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
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Co-convened with: AED 450

Course typically offered:

Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 560: Instructional Materials Development (4 units)

Description: Analysis and construction of resources and materials used in instructional delivery. Analysis and development of competencies and behavioral objectives used in preparing instructional materials. Graduate-level requirements include an additional assignment.

Grading basis: Regular Grades

Career: Graduate

Flat Fee: \$48

Course Components: Lecture Required

Co-convened with: AED 460

Course typically offered:

Main Campus: Fall

AED 562: Curriculum Development (3 units)

Description: Designed to prepare student teachers for their year in preservice. Provides introductory material on curriculum development, record books and SAEs (experiential education), and the FFA as it relates to agricultural education. Graduate-level requirements include an additional report.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: AED 462

Course typically offered:

Main Campus: Spring

Recommendations and additional information: MATH 112 and CHEM 151 or CHEM 141/143 or CHEM 161/163 or equivalent or permission of instructor.

AED 585: Teaching Psychomotor Skills in Laboratory Sciences (1 - 2 units)

Description: Methods and procedures in teaching psychomotor operational skills, conducting demonstrations, providing for student and teacher safety, sequencing skills activities, providing and organizing agricultural education facilities, including micro-teaching demonstration. Graduate-level requirements include additional assigned readings, demonstrations, lesson presentations, and a position paper.

Grading basis: Regular Grades

Career: Graduate

Flat Fee: \$19

Course Components: Laboratory Required

Co-convened with: AED 485

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 593: Internship (1 - 8 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

AED 593A: Internship - Pre-Student Teaching (1 - 8 units)

Description: This is an internship for the pre-student teaching experience.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Co-convened with: AED 493A

Course typically offered:

Main Campus: Spring

AED 593B: Internship - Student Teaching (1 - 8 units)

Description: This is an internship for the student teaching experience. Graduate-level requirements include an additional paper or assignment.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Flat Fee: \$100

Course Components: Independent Study Required

Co-convened with: AED 493B

Course typically offered:

Main Campus: Spring

AED 594A: Practicums in Agricultural Education (1 - 5 units)

Description: Provide students with the opportunity to develop proficiency in one or more skills area of an agriculture subject they will be responsible for teaching during their spring student teaching field experience using the assistance of a community resource person. Graduate-level requirements include one additional practicum. Write an impact paper on the value of utilizing community resource personnel to provided technical skill instruction in the secondary agricultural education classroom.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Co-convened with: AED 494A

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 596: Special Topics in Agricultural Education (1 - 3 units)

Description: The Special Topics course opens the possibility to offer a variety of subjects that enhance the curriculum as a response to current issues and trending topics in ag leadership and communications. The scope of work shall vary depending on the content of course

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Seminar Required

Repeatable: Course can be repeated a maximum of 99 times.

Co-convened with: AED 496

Course typically offered:

Main Campus: Fall, Winter, Spring, Summer

Field trip: No

AED 596D: Teaching Science and Mathematics Through Inquiry (3 units)

Description: This seminar will provide a comprehensive introduction to teaching science and mathematics through inquiry. The seminar will consist of team taught sessions that include student and instructor presentations, active learning exercises, and discussions. Graduate-level requirements include the graduate students to be the lead persons for the school observations, lessons taught in the class, coordinating the travel arrangements to the schools, and serving as mentors to the undergraduate students.

Grading basis: Regular Grades

Career: Graduate

Course Components: Seminar Required

Equivalent to: MSE 596D

Co-convened with: AED 496D

Course typically offered:

Main Campus: Fall

AED 597A: Workshop for Agricultural Educators (1 - 3 units)

Description: Course includes various topics that contain the practical application of theoretical learning within a group setting, and involving an exchange of ideas and practical methods, skills, and principles. Each workshop is designed to assist high school Agricultural Educators with their curriculum, as well as to help them stay up-to-date on current agricultural issues.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Fall, Spring

Online Campus: Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 597B: Advances in Youth Leadership (1 - 3 units)

Description: The practical application of theoretical learning within a group setting and involving an exchange of ideas and practical methods, skills, and principles.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Repeatable: Course can be repeated for a maximum of 12 units.

Course typically offered: Online Campus: Summer

AED 597G: Instructional Advances in Career and Technical Education (1 - 3 units)

Description: Pre-service and in-service teachers crosswalk Career and Technical Education (CTE) Competencies with business and industry validated assessment options. Graduate-level requirements include the completion of two units of instruction.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Equivalent to: FS 597G, FSHD 597G

Co-convened with: AED 497G

Course typically offered:

Main Campus: Fall, Spring

Online Campus: Summer

AED 597Q: Advances in Agricultural Communication/Education (1 - 5 units)

Description: Graduate-level requirements include students to conduct a graduate seminar on their experience.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Repeatable: Course can be repeated a maximum of 2 times.

Co-convened with: AED 497Q

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 599: Independent Study (1 - 5 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. Graduate students doing independent work which cannot be classified as actual research will register for credit under course number 599, 699, or 799.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

AED 601: Philosophy and Practices of Instructional Methods (3 units)

Description: Problems in organizing and conducting programs of instruction in vocational and extension education.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Repeatable: Course can be repeated a maximum of 4 times.

AED 607: Untold Stories: University Women in Agriculture (3 units)

Description: This course examines the status of women involved in higher education in a variety of agriculturally related fields. Through readings and interviews we survey the working conditions, personal challenges and lifestyles of professional women in non-traditional fields. Covering a wide variety of topics, this course surveys the contributions of women to the professional workplace and to the household. The role of the law in shaping conditions for women in the workplaces and levels of satisfaction in their chosen professions is also reviewed. In addition this course moves toward understanding how to work with women in the professional workplace and enhance their contributions and encourage their professional growth.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: CALS 607, FCSC 607, PLS 607

Also offered as: CALS 607, FCSC 607, PLS 607

AED 616: Research Project Design and Implementation (3 units)

Description: Principles and practices of selecting, developing and analyzing research instruments, analyzing and interpreting both quantitative and qualitative data research in agricultural and extension education, including the use of the computer.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Recommendations and additional information: AED 615.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 617: Research, Methods and Project Design (3 units)

Description: Principles and practices of planning, designing, conducting and reporting research and scholarly activities in education, extension, other social science disciplines, and agricultural technology management.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Online Campus: Fall

AED 621: Program Planning and Evaluation (3 units)

Description: Developing and evaluating programs in teaching and extension; situation analysis, objectives, policies, content, procedures, and evaluative criteria.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

Online Campus: Spring

AED 691: Preceptorship (1 - 3 units)

Description: Specialized work on an individual basis, consisting of instruction and practice in actual service in a department, program, or discipline. Teaching formats may include seminars, in-depth studies, laboratory work and patient study.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring

AED 693: Internship (1 - 3 units)

Description: Specialized work on an individual basis, consisting of training and practice in actual service in a technical, business, or governmental establishment.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 693A: Internship in Extension Education (1 - 8 units)

Description: Professional experiences in directed teaching and observation provided in cooperative extension at the county, regional, or state level.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated for a maximum of 8 units.

AED 697C: Workshop on Teaching at the College Level (3 units)

Description: Workshop that deals with the practical application of teaching/learning theories at the college level as they relate to instructional methodologies, strategies, and planning. This will include instructional objectives, content organization, and assessment of learning experiences. The workshop will involve the exchange of ideas and will focus on practical methods, skills and principles.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Equivalent to: GRAD 697C, UNVR 697C

Also offered as: GRAD 697C

Course typically offered:

Main Campus: Fall

Online Campus: Fall

AED 699: Independent Study (1 - 3 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work. Graduate students doing independent work which cannot be classified as actual research will register for credit under course number 599, 699, or 799.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

AED 900: Research (1 - 4 units)

Description: Individual research, not related to thesis or dissertation preparation, by graduate students.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

AED 909: Master's Report (1 - 5 units)

Description: Individual study or special project or formal report thereof submitted in lieu of thesis for certain master's degrees.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Online Campus: Fall, Spring, Summer

AED 910: Thesis (1 - 6 units)

Description: Research for the master's thesis (whether library research, laboratory or field observation or research, artistic creation, or thesis writing). Maximum total credit permitted varies with the major department.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

AED 920: Dissertation (1 - 9 units)

Description: Research for the doctoral dissertation (whether library research, laboratory or field observation or research, artistic creation, or dissertation writing).

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.