

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 Leadership & Comm (ALC)

ALC 196A: Developing an Entrepreneurial Mindset (1 unit)

Description: In this course, students will examine and develop a set of attitudes, skills, and behaviors that support an entrepreneurial mindset. Particular emphasis will be on learning how to identify opportunities to solve unmet economic and social needs and to marshal the resources necessary to create and deliver value for stakeholders.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Seminar Required

Course typically offered:

Main Campus: Spring

Field trip: none

ALC 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

ALC 309: Leadership Principles and Practices (3 units)

Description: This course introduces learners to a broad range of readings addressing practical and theoretical leadership principles. Participants will be expected to critically examine readings and associated videos/movies. Participants will have the opportunity to apply principles from the course in a field project where particular emphasis will be placed on enhancement of self-awareness and leadership capabilities through the documented development and assessment of the field project.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring, Summer

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.

ALC 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, Summer

ALC 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

ALC 409: Team and Organizational Leadership (3 units)

Description: Principles and practices in planning, developing, conducting, and evaluating leadership programs for agricultural groups. The intended audience is the College of Agriculture and Life Sciences (CALS) students. The course focuses on helping students better understand themselves and others; improving group communication; becoming effective leaders and members of groups; improving leadership and personal development skills; assessing leadership situations, determining and administering appropriate leadership strategies, and evaluating results.

Grading basis: Regular Grades

Career: Undergraduate

Flat Fee: \$12

Course Components: Lecture Required

Co-convened with: AED 509

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.

ALC 410: Entrepreneurial Leadership in Agriculture and the Life Sciences (3 units)

Description: This course is an exploration of the principles and practices of entrepreneurial leadership, and the application of such principles and practices within agricultural and rural communities, the cooperative Extension system, educational organizations and systems, agricultural agencies at the local, state, and federal levels, and agricultural enterprises and life sciences industries. Emphasis is placed on the knowledge and skills required to effectively lead change within and across organizations, communities, and settings that intersect the agricultural and life sciences fields.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: AED 510

Course typically offered:

Main Campus: Spring

Distance Campus: Spring

ALC 411: Principles and Applications of Organizational Innovation (3 units)

Description: This course provides an introduction to the principles and practices central to organizational innovation and leadership. Frameworks and methods for designing, developing, and implementing innovation within agricultural organizations and industrial settings and environments will be explored. The overarching goal of the course is to equip students with the perspective and skill base necessary to be leaders of innovation and change within agricultural organizations that extend across educational, public, governmental, and industrial settings and environments.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Discussion May Be Offered
 Lecture Required

Co-convened with: AED 511

Course typically offered:

Main Campus: Fall

Distance 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.

ALC 422: Communicating Knowledge in Agriculture and the Life Sciences (3 units)

Description: Principles and processes of knowledge diffusion and methods of transferring appropriate technology to user/clientele groups. Communicating effectively within organizations.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Equivalent to: AGRI 422, AGTM 422

Co-convened with: AGTM 522

Course typically offered:

Main Campus: Fall, Summer

Distance Campus: Spring, Summer

ALC 493: 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

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

Course typically offered:

Main Campus: Fall, Spring, Summer

ALC 496: Special Topics in Agricultural Leadership and Communication (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: Undergraduate

Course Components: Seminar Required

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

Co-convened with: ALC 596

Course typically offered:

Main Campus: Fall, Winter, 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.

ALC 497: Assessment of Early Stage Investment Opportunities in Agricultural and Life Science Innovations (3 units)

Description: In this course, students will learn to analyze the economic and social impact potential of early stage agriculture, life and veterinary sciences technology innovations. Additionally, students will, in teams, apply their assessment skills to identify current or anticipated unmet needs in agriculture, life and veterinary sciences and will develop innovative ideas of their own to resolve these identified unmet needs. Sample agricultural innovations will be selected by the instructor from applicants for investment to the local organized early-stage investor group, the Desert Angels, as well as to other investor and venture capital organizations across the United States. Graduate students will be given an opportunity to present their findings on selected innovations to local investors.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Co-convened with: ALC 597

Course typically offered:

Main Campus: Spring

Field trip: none

ALC 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, Winter, 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.

ALC 509: Team and Organizational Leadership (3 units)

Description: Principles and practices in planning, developing, conducting, and evaluating leadership programs for agricultural groups. The intended audience is the College of Agriculture and Life Sciences (CALS) students. The course focuses on helping students better understand themselves and others; improving group communication; becoming effective leaders and members of groups; improving leadership and personal development skills; assessing leadership situations, determining and administering appropriate leadership strategies, and evaluating results. Graduate-level requirements include a 7-10 page position paper on a major leadership theory for a given setting and followers and/or conduct an interview with a leader linking leadership theories discussed to practice. This paper is worth 100 points.

Grading basis: Regular Grades

Career: Graduate

Flat Fee: \$12

Course Components:	Lecture	Required
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Co-convened with: ALC 409

Course typically offered:

Main Campus: Spring

ALC 510: Entrepreneurial Leadership in Agriculture and the Life Sciences (3 units)

Description: This course is an exploration of the principles and practices of entrepreneurial leadership, and the application of such principles and practices within agricultural and rural communities, the Cooperative Extension system, educational organizations and systems, agricultural agencies at the local, state, and federal levels, and agricultural enterprises and life sciences industries. Emphasis is placed on the knowledge and skills required to effectively lead change within and across organizations, communities, and settings that intersect the agricultural and life sciences fields. Graduate students will thoroughly outline a lesson plan (learning objectives, measurable learning outcomes, instructional methods, etc.) specific to an entrepreneurial leadership topic to be delivered to an audience of adult learners within a non-formal (or informal) community setting.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: ALC 410

Course typically offered:

Main Campus: Spring

Online 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.

ALC 511: Principles and Applications of Organizational Innovation (3 units)

Description: This course provides an introduction to the principles and practices central to organizational innovation and leadership. Frameworks and methods for designing, developing, and implementing innovation within agricultural organizations and industrial settings and environments will be explored. The overarching goal of the course is to equip students with the perspective and skill base necessary to be leaders of innovation and change within agricultural organizations that extend across educational, public, governmental, and industrial settings and environments. Graduate-level requirements include a semester long case study that will culminate in both a term paper and in-class presentation. Additionally, the graduate level requirements will include three short papers (2 double-spaced pages) that critique scholarly research on topics relevant to organizational change and innovation across the agricultural fields. Lastly, graduate students will be expected to make meaningful contributions to in-class discussions. These graduate-level requirements are in addition to a mid-term and final exam.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Discussion	May Be Offered
	Lecture	Required

Co-convened with: ALC 411

Course typically offered:

Main Campus: Fall

Online Campus: Fall

ALC 514: Interpretation of Agricultural and Life Sciences Discoveries for Local Investors (3 units)

Description: Students will examine and develop a set of skills that enable them to translate complex scientific and technological innovations in agriculture and life sciences to local early stage investors, without degrading the quality of the original science, using contemporary multi-media, including animations, videos, stakeholder interviews and advanced graphics.

Grading basis: Regular Grades

Career: Graduate

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: 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.

ALC 522: Communicating Knowledge in Agriculture and the Life Sciences (3 units)

Description: Principles and processes of knowledge diffusion and methods of transferring appropriate technology to user/clientele groups. Communicating effectively within organizations. Graduate-level requirements include an additional report.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Equivalent to: AGTM 522

Co-convened with: ALC 422

Course typically offered:

Main Campus: Fall, Summer

Online Campus: Fall, Spring

ALC 596: Special Topics in Ag Leadership and Communication (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 agricultural leadership and communication. The scope of work shall vary depending on the content of the 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: ALC 496

Course typically offered:

Main Campus: Fall, Winter, 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.

ALC 597: Assessment of Early Stage Investment Opportunities in Agricultural and Life Sciences Innovations (3 units)

Description: In this course, students will learn to analyze the economic and social impact potential of early stage agriculture, life and veterinary sciences technology innovations. Additionally, students will, in teams, apply their assessment skills to identify current or anticipated unmet needs in agriculture, life and veterinary sciences and will develop innovative ideas of their own to resolve these identified unmet needs. Sample agricultural innovations will be selected by the instructor from applicants for investment to the local organized early-stage investor group, the Desert Angels, as well as to other investor and venture capital organizations across the United States. Graduate students will be given an opportunity to present their findings on selected innovations to local investors.

Grading basis: Regular Grades

Career: Graduate

Course Components: Workshop Required

Co-convened with:

Course typically offered:

Main Campus: Spring

Field trip: None

ALC 599: 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: Graduate

Course Components: Independent Study Required

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

Course typically offered:

Main Campus: Fall, Winter, Spring

ALC 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

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

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.