

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

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Agriculture & Life Sciences (CALS)

CALS 100X: Success in the transition to CALS (2 units)

Description: This course is designed to allow students to explore methods for successfully transitioning to university life. Over the course of the term students will be introduced to several strategies that will help to improve academic, social and professional development at the university. Students will explore their learning styles, study habits, time management, goal setting, and campus resources for social, physical and mental health. Practical application of each learning objective will be evaluated as the course progresses.

Grading basis: Developmental No GPA: ABCDE

Career: Undergraduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Enrollment requirement: Student must be enrolled in the Wildcat Academy.

Success Course: Success Course

CALS 193: 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 for a maximum of 12 units.

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.

CALS 193H: Honors 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 for a maximum of 12 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

CALS 195A: Cultivating Academic Learning Strategies (1 unit)

Description: This course is designed to provide students with the opportunity to cultivate the skills, values and attitudes necessary to become confident and successful students. It will also introduce students to university and college procedures and assist in identifying their educational goals. Skills taught in this class are time management, motivation, listening, note-taking, exam preparation and use of campus resources and advising.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Colloquium Required

Course typically offered:

Main Campus: Spring

Freshman Colloquia: Freshman Colloquia

Success Course: Success Course

CALS 195B: Arizona's Agricultural Legacy (1 unit)

Description: This course reviews the rich legacy of agriculture in Arizona, from pre historic irrigation canals to present day technological advances. The course will discuss the importance of Arizona's agricultural legacy and how it has led to the economic strength and stability of our society. The overall goal is to acquaint students with the historical and present day role of agriculture in providing food and fiber to communities, the state, the nation and the world. The course will also serve to acquaint students with the policies and procedures of the College of Agriculture and Life Sciences in order to ensure continuing student success. Guest lecturers will speak on their areas of expertise throughout the semester.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Colloquium Required

Freshman Colloquia: Freshman Colloquia

-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.

CALS 195C: Promoting Academic Learning Strategies for Success (1 unit)

Description: This course is designed to provide students with the opportunity to cultivate the skills, values and attitudes necessary to become confident and successful students. It will introduce students to university and college procedures and assist in identifying their educational goals. Skills taught in this class are time management, motivation, listening, note-taking, exam preparation and use of campus resources and advising. Students will have the opportunity to further explore their major and career options. Peer mentor component is included.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Colloquium Required

Course typically offered:

Main Campus: Fall

Success Course: Success Course

CALS 197B: Success in STEM Workshop Course (1 unit)

Description: CALS 197B is the first in a two-course sequence that is part of the College of Life Sciences and Architecture Arizona's Science, Engineering, and Math Scholars Program (CALS ASEMS). The purpose of the CALS ASEMS program is to support CALS STEM students in successfully completing STEM degrees with a strong GPA. This first course is focused on academic support, including: successful student habits and learning strategies; career exploration; interacting with faculty; and utilizing campus resources. Students will also meet with peer mentors weekly to gain insight into career planning, the STEM professional culture, and building a sense of belonging in STEM.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Fall

Field trip: None

Success Course: Success 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.

CALS 197C: Professionalism in STEM Workshop Course CALS ASEMS (1 unit)

Description: CALS 197C is an additional class students in the College of Agriculture and Life Sciences Arizona's Science, Engineering, and Math Scholars (CALS ASEMS) program can take to further develop their professional and academic skills related to their pursuit of STEM degrees and careers. The purpose of the CALS ASEMS program is to support CALS STEM students in successfully completing STEM degrees with a strong GPA. This course will be focused on developing professional and academic skills related to STEM, including: applying for funding; understanding scientific literature and research; communicating personal and academic strengths; identifying career paths in STEM; and building an identity in STEM.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Spring

Field trip: None

Success Course: Success Course

CALS 199: Independent Study (1 - 6 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

CALS 199H: Honors Independent Study (1 - 6 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

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.

CALS 291A: Involvement and Leadership Preceptorship (2 units)

Description: To provide hands-on leadership opportunities to students who have taken on a very large leadership role in assisting with Center for Student Involvement and Leadership programs.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Equivalent to: FCSC 291A

Course typically offered:

Main Campus: Fall, Spring

CALS 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

CALS 293H: Honors 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

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.

CALS 295C: CALS Research Readiness (2 units)

Description: Course Description: Stand back everyone, I'm going to science. Sounds like a great idea, right? Like all human endeavors, it depends on how you do it. Here we use real world scenarios to help you build a basic toolbox necessary in Science, Technology, Engineering, and Mathematics (STEM) professions. We focus on how and why STEM professionals create, manage, analyze, and interpret data in order to discover new information, ideas, and dreams. We then learn how to translate this data into useful information for various stakeholders who themselves are focused on solving societal problems. At the end of the course, students will have a few professional necessities such as a resume, cv, and personal statement to build their careers from. Course learning objectives will be achieved through a combination of lectures, discussions, and collaborative assignments. All readings and supplemental material are open source, or free, to students. Let's saddle up and learn how to STEM, preparing you for a fulfilling profession now and in the future.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Colloquium Required

Course typically offered:

Main Campus: Fall, Spring

Field trip: Highly encouraged to attend based on their goals and experiences but no points are awarded for these activities.

Success Course: Success Course

CALS 297B: CALS ASEMS Research Readiness (1 unit)

Description: CALS 297B is an additional class students in the College of Agriculture and Life Sciences Arizona's Science, Engineering, and Math Scholars (CALS ASEMS) program can take to further develop their career preparation and research exploration skills related to their pursuit of STEM degrees and careers. The purpose of the CALS ASEMS program is to support CALS STEM students in successfully completing STEM degrees with a strong GPA.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Workshop Required

Course typically offered:

Main Campus: Fall

Field trip: None

Success Course: Success 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.

CALS 299: Independent Study (1 - 6 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

CALS 299H: Honors Independent Study (1 - 6 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

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

Honors Course: Honors Course

Honors Course: Honors Course

CALS 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

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

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.

CALS 393H: Honors 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

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

Honors Course: Honors Course

Honors Course: Honors Course

CALS 399: Independent Study (1 - 6 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

CALS 399H: Honors Independent Study (1 - 6 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

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.

CALS 493: 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

CALS 493H: Honors 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

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

Honors Course: Honors Course

Honors Course: Honors Course

CALS 499: Independent Study (1 - 6 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 for a maximum of 12 units.

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.

CALS 499H: Honors Independent Study (1 - 6 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 for a maximum of 12 units.

Course typically offered:

Main Campus: Fall, Spring, Summer

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

Honors Course: Honors Course

Honors Course: Honors Course

CALS 500A: Technology, Entrepreneurship and Commercialization (3 units)

Description: This course will expose MBAs and other Graduate students to venture creation and technology commercialization. Students will form teams across all disciplines as well as utilizing UA IP. Teams will be exposed to entrepreneurship in the economy and the determinants of entrepreneurial activity. The course will delineate skills needed to start a new enterprise, division, or product/service line, to recognize economic opportunity and understand key requirements for a successful venture.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Also offered as: ENTR 500A, LAW 500A, SCI 500A

Course typically offered:

Main Campus: Fall

Home department: McGuire Center for Entrepreneurship

CALS 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: AED 607, FCSC 607, PLS 607

Home department: Agricultural Education

-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.

CALS 696E: Learner Centered Teaching for Online Delivery (1 unit)

Description: This seminar course is designed to introduce students to common pedagogical issues associated with both assisting in, and teaching learner centered courses in online formats.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Seminar Required

Also offered as: FCSC 696E

Course typically offered:

Main Campus: Spring

Home department: Family and Consumer Sciences

CALS 699: Independent Study (1 - 6 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 for a maximum of 12 units.

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.