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.

Art Education (ARE)

ARE 130: Exploring Art and Visual Culture (3 units)

Description: How can we create and define art and visual culture? This course is an introduction to understanding how contemporary art and visual culture impacts our lives and can be a meaningful part of living. It includes discussion, lecture, breakout groups, and some explorations of hands-on art making. Students will examine why art and visual culture are made and who makes it, and explore how we can connect to and comment on art and visual culture through engagement with art.

Grading basis: Regular Grades

Career: Undergraduate

Flat Fee: \$10

Course Components: Discussion May Be Offered

Lecture Required

Course typically offered: Main Campus: Fall, Spring

General Education: Tier 2 Arts

ARE 230: Foundations of Art and Visual Culture Education (3 units)

Description: Introduction to historical and contemporary ideas, issues, and experiences in art

and visual culture education. **Grading basis:** Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Studio May Be Offered

Course typically offered: Main Campus: Fall, Spring

Field trip: Occasional: visits to schools and community arts venues for observations; visits to

museums and galleries.

Honors Course: Honors Contract **Honors Course:** Honors Contract

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 299: Independent Study (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.

ARE 299H: Honors Independent Study (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.

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

Honors Course: Honors Course **Honors Course**: Honors Course

ARE 300: Teaching Environments in Art and Visual Culture Education (3 units)

Description: This course provides an introduction to the processes associated with teaching and learning in multiple art and visual culture education settings including but not limited to schools, museums, and community-based programs. The course is organized around the following themes: (1) observing in the classrooms and reflecting upon observations; (2) theories of learning and classroom management; (3) pedagogical theories and teaching approaches specific to art and visual culture education; (4) planning and preparing for teaching and learning for multiple learners; and (5) working in art and visual culture education settings. Of especial emphasis in the course are: understanding culture and language differences and working with multiple learners, contemporary teaching and learning theory in art and visual culture education, and instructional design. Directed field experience is required.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered: Main Campus: Fall, Spring

Field trip: To local museums and cultural institutions on-campus.

Honors Course: Honors Contract **Honors Course:** Honors Contract

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 310: Learning Theories for Multiple Learners in Art and Visual Culture Education (3 units)

Description: ARE 310 is designed to provide advanced art and visual culture education students with comprehensive and engaging experience in understanding how historic and contemporary theories of teaching and learning situate and describe instruction in multiple educational settings. Particular emphasis is placed upon the integration of multiple learners and students with special needs into general educational settings. This includes gifted and talented learners. Students will attain the skills necessary to include special education students in classroom learning and to achieve successful inclusive, collaborative education for special students in general education classes.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Course typically offered: Main Campus: Spring

Field trip: To local museums and cultural institutions on campus.

Honors Course: Honors Contract **Honors Course:** Honors Contract

ARE 361: Creative Arts Methods (3 units)

Description: Prepares elementary education students to teach art in the self-contained classroom. Various art education methodologies through participating in classroom activities; planning art lessons; presenting art lesson to the class. Class is meant to build on the theoretical base each student has already acquired in previous art classes.

Grading basis: Regular Grades

Career: Undergraduate

Flat Fee: \$13

Course Components: Lecture Required

Course typically offered: Main Campus: Fall, Spring

Enrollment requirement: ARE 130.

ARE 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 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

ARE 394: Practicum (1 - 4 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.

ARE 399: 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

ARE 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, Summer

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

Honors Course: Honors Course **Honors Course**: Honors Course

ARE 420: Community, Culture and Art Education (3 units)

Description: Examination of theories, issues, and practices related to art and visual culture

education within community settings. **Grading basis:** Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Studio May Be Offered

Co-convened with: ARE 520 Course typically offered:

Main Campus: Fall

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

ARE 425: Theory & Practice in Art Museum Education (3 units)

Description: This course is designed to provide foundations of museum education theory and practice. Students will develop an understanding of the significance of museum education, and study audience characteristics, teaching and learning theory, communication techniques, technology, and evaluation in museum education. Students also gain experience with developing instructional lesson unit in museum settings, working with museum education professionals in the community.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: ARE 525 Course typically offered: Main Campus: Spring

Honors Course: Honors Contract **Honors Course:** Honors Contract

Student Engagement Activity: Community Partnership Student Engagement Competency: Civic and Community

ARE 431: Pedagogical Practices in Art and Visual Culture (3 units)

Description: Exploration, development, and critical analysis of pedagogical practices in art and

visual culture education.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: ARE 531 Course typically offered: Main Campus: Spring

Enrollment requirement: ARE 230.

Writing Emphasis: Writing Emphasis Course

ARE 434: Diversity Issues in Art and Visual Culture Education (3 units)

Description: Multicultural cross-cultural issues, gender and social justice issues within art and

visual culture education.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: ARE 534 Course typically offered:

Main Campus: Fall

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

ARE 438: Teaching Art and Visual Culture, Wildcat Art (3 units)

Description: Integrating art and visual content in education classrooms. Develop lesson plans,

build community skills, teach in classrooms.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Workshop Required

Co-convened with: ARE 538 Course typically offered: Main Campus: Spring

Enrollment requirement: (ARE 431 or ARE 460) and (6 additional units of ARE coursework)

and (3 units of ARH coursework).

Student Engagement Activity: Professional Development Student Engagement Competency: Innovation and Creativity

ARE 440: Theories of Child Art (3 units)

Description: Examination of contemporary theories, issues and practices related to current

theories of children's development in art.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: ARE 540 Course typically offered:

Main Campus: Fall

Honors Course: Honors Contract **Honors Course:** Honors Contract

ARE 460: Curriculum Theory in Art & Visual Culture Education (3 units)

Description: Examination of curriculum & instruction theories, issues and practices related to

art and visual culture education. **Grading basis:** Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: ARE 560 Course typically offered: Main Campus: Fall, Spring

Enrollment requirement: ARE 230.

Writing Emphasis: Writing Emphasis Course

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 469: Teaching Media and Visual Culture (3 units)

Description: Examination of theories, issues and practices related to media and visual culture

education.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: ARE 569 Course typically offered: Main Campus: Fall, Spring

ARE 476: Art and Cultural Criticism in Art Education (3 units)

Description: Theories, issues, and practices of thinking, talking, writing, and teaching about art

in relation to culture.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Lecture Required

Co-convened with: ARE 576 Course typically offered:

Main Campus: Fall

Writing Emphasis: Writing Emphasis Course

ARE 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 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

ARE 493B: Student Teaching in Art and Visual Culture Education (9 - 12 units)

Description: This course provides a student teacher with a placement in either a K-8, middle school, or high school classroom setting for integrating course content in art and visual culture education with actual practice under the supervision of a certified cooperating/mentor teacher and an AVCE university supervisor.

Grading basis: Pass/Fail **Career:** Undergraduate

Flat Fee: \$40

Course Components: Independent Study Required

Course typically offered: Main Campus: Fall, Spring

Recommendations and additional information: Successful completion of professional ed courses, content area courses, fingerprinting, US/AZ Constitution requirement, & AEPA tests. Application must be made one semester prior to enrollment in student teaching.

ARE 494: Practicum (1 - 4 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.

ARE 496A: Current Issues in Art Education Theory and Practice (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 **Repeatable:** Course can be repeated a maximum of 4 times.

Co-convened with: ARE 596A Course typically offered: Main Campus: Fall, Spring

Writing Emphasis: Writing Emphasis Course

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⁻CC represents a Correspondence Course offering

ARE 498: Senior Capstone (1 - 3 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

Course typically offered: Main Campus: Fall, Spring

ARE 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, Summer

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

Honors Course: Honors Course **Honors Course:** Honors Course

Writing Emphasis: Writing Emphasis Course

ARE 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

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 499H: Honors Independent Study (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, Summer

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

Honors Course: Honors Course **Honors Course:** Honors Course

ARE 520: Community, Culture and Art Education (3 units)

Description: Examination of theories, issues, and practices related to art and visual culture education within community settings. Graduate-level requirements include additional papers

and to facilitate a class session. **Grading basis:** Regular Grades

Career: Graduate

Course Components: Lecture Required

Studio May Be Offered

Co-convened with: ARE 420 Course typically offered:

Main Campus: Fall

ARE 525: Theory & Practice in Art Museum Education (3 units)

Description: This course is designed to provide foundations of museum education theory and practice. Students will develop an understanding of the significance of museum education, and study audience characteristics, teaching and learning theory, communication techniques, technology, and evaluation in museum education. Students also gain experience with developing instructional lesson unit in museum settings, working with museum education professionals in the community. Graduate-level requirements include an in-depth research paper or project related to contemporary museum education.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: ARE 425 Course typically offered: Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 530: Introduction to Research in Art Education (3 units)

Description: Examination of issues, topics, and methods used in art and visual culture

education research.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered: Main Campus: Spring

ARE 531: Pedagogical Practices in Art and Visual Culture (3 units)

Description: Exploration, development, and critical analysis of pedagogical practices in art and visual culture education. Graduate-level requirements include an in-depth research paper on a single aspect of current scholarly interest.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: ARE 431 Course typically offered: Main Campus: Spring

ARE 534: Cross-Cultural Issues in Art and Visual Culture Education (3 units)

Description: Multicultural cross-cultural issues, gender and social justice issues within art and visual culture education. Graduate-level requirements include a choice of either developing a curriculum unit/project based on some aspect of multicultural art education, research and writing a ten-page paper related to a multicultural topic, or conducting a small multicultural research project.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: ARE 434 Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 535: Theory in Art & Visual Culture Education (3 units)

Description: This introductory theory course will allow graduate students to root the discourses that shape contemporary research and practice in art and visual culture education. Theory is broadly defined and inter-disciplinary and may include but is not limited to critical theory, feminist theory, semiotics, aesthetic theory, and psychoanalysis. In particular, students will encounter current theoretical debates in art and visual culture education within the frame of the history of art and visual culture education and thinking about art and visual culture. These selected intercessions will support students as they trace the trajectories of and inquiries surrounding these discourses in art and visual culture and make decisions regarding their own research and practice. This course complements ARE 530, 630, and 633, and provides opportunities for students to develop their own theoretical perspectives to apply to their research program.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered: Main Campus: Fall, Spring

ARE 538: Teaching Art and Visual Culture, Wildcat Art (3 units)

Description: Integrating art and visual content in education classrooms. Develop lesson plans, build community skills, teach in classrooms. Graduate-level requirements include the student to 1) exercise leadership through chairing a committee, and 2) work as a team in developing a curriculum framework for lesson planning and organization of Saturday School. Grading standards are higher.

Grading basis: Regular Grades

Career: Graduate

Course Components: Required Lecture

Workshop Required

Co-convened with: ARE 438 Course typically offered: Main Campus: Spring

Recommendations and additional information: ARED MA and AHED PhD subplan AVC Graduates need priority to register for this course. Other graduates can register for this course by contacting the department.

Enrollment requirement: Graduate major: AREDMA or AHEDPHD subplan AVC.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 540: Theories of Child Art (3 units)

Description: Examination of contemporary theories, issues and practices related to current theories of children's development in art. Graduate-level requirements include: An in-depth research paper or project, creation and moderation of an online discussion, and higher grading

standards.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: ARE 440 Course typically offered:

Main Campus: Fall, Spring, Summer

ARE 560: Curriculum Theory in Art & Visual Culture Education (3 units)

Description: Examination of curriculum & instruction theories, issues and practices related to art and visual culture education. Graduate-level requirements include students facilitating a one-hour class session. Graduate papers are expected to be more in-depth and scholarly.

Graduate grading expectations are higher.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: ARE 460 Course typically offered: Main Campus: Spring

ARE 569: Teaching Media and Visual Culture (3 units)

Description: Examination of theories, issues and practices related to media and visual culture education. Graduate-level requirements include completion of additional assignments and carry

out more in-depth research. Grading expectations are higher for graduate students.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: ARE 469 Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 576: Art and Cultural Criticism in Art Education (3 units)

Description: Theories, issues, and practices of thinking, talking, writing, and teaching about art in relation to culture. Graduate-level requirements include additional reading materials and

opportunities for class leadership. **Grading basis:** Regular Grades

Career: Graduate

Course Components: Lecture Required

Co-convened with: ARE 476 Course typically offered:

Main Campus: Fall

ARE 593: 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: Graduate

Course Components: Independent Study Required **Repeatable:** Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

ARE 594: 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: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

ARE 596A: Current Issues in Art Education Theory and Practice (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: Graduate

Course Components: Seminar Required **Repeatable:** Course can be repeated a maximum of 4 times.

Co-convened with: ARE 496A Course typically offered: Main Campus: Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 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

ARE 630: Historical Foundations of Art and Visual Culture Education (3 units)

Description: Critical analysis of historical and contemporary theories, movements, and

practices bearing on art and visual culture education.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required Repeatable: Course can be repeated a maximum of 3 times.

Course typically offered:

Main Campus: Fall

ARE 631: Arts-based Research (3 units)

Description: Exploration of definitions and approaches to arts-based and arts-informed research methodologies applied to education. Arts-based research is based upon the premise that the artistic process offers particular ways of knowing, and that the arts are a primary way of understanding experiences and phenomena. Hence arts-based research involved methods based in art that offer perspectives and understandings not gleaned through other research methods. In this course, you will explore the various definitions and approaches to arts-based and arts-informed research and carry out a research project that utilizes arts-based research as one of its methods.

Grading basis: Regular Grades

Career: Graduate

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

Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 632: Visual Arts Teaching in Higher Education (3 units)

Description: This course serves as an introduction to the practice and scholarship of teaching the visual arts - art and visual culture education, art history, and studio art - within higher education. We will tackle the questions: what do we do in the visual arts higher education classroom, why do we do it, and how can we do it? Teaching in conjunction with leadership positions in university and other academic environments, such as museums and cultural institutions, will also be examined.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

ARE 633: Issues and Recent Research in Art and Visual Culture Education (3 units)

Description: The identification of issues in art education at various curricular levels;

examination of related research with possible implications for practice.

Grading basis: Regular Grades

Career: Graduate

Course Components: Lecture Required Repeatable: Course can be repeated a maximum of 3 times.

Course typically offered: Main Campus: Fall, Spring

ARE 693: 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: Graduate

Course Components: Independent Study Required **Repeatable:** Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

ARE 694: Practicum (1 - 4 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: Graduate

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

ARE 695A: Colloquium in Art and Visual Culture Education (1 unit)

Description: Graduate students and faculty members will discuss, analyze, and present papers on specific topics and research within Art and Visual Culture Education in a shared colloquium format. The exchange and development of ideas in collaboration with peers and faculty

underscore this colloquium. **Grading basis:** Regular Grades

Career: Graduate

Course Components: Colloquium Required **Repeatable:** Course can be repeated a maximum of 3 times.

Course typically offered:

Main Campus: Fall

ARE 699: 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

ARE 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

ARE 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

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

ARE 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

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

Course typically offered:

Main Campus: Fall, Spring, Summer

⁻CC represents a Correspondence Course offering