

LANDSCAPE ARCHITECTURE LA

**School of Planning, Design and Construction
College of Agriculture and Natural Resources**

140 Graphics and Two-Dimensional Design Studio
Fall. 4(2-4) R: Open to undergraduate students in the Department of Horticulture or in the Bachelor of Landscape Architecture or in the Urban and Regional Planning major and open to undergraduate students in the Interior Design major or approval of school. SA: LA 220

Graphic fundamentals, freehand and technical drafting, lettering, sketching and delineation, two dimensional principles and elements, orthographics.

141 Graphics and Three-Dimensional Design Studio
Spring. 4(2-4) P: LA 140 R: Open to undergraduate students in the Department of Horticulture or in the Bachelor of Landscape Architecture or approval of school. SA: LA 240

Design process, 3-dimensional principles and elements, 3-D presentation techniques, color theory.

200 Introduction to Landscape Architecture
Fall. 3(3-0)

Environmental issues and problem-solving strategies within landscape architecture.

230 Site Construction Materials and Methods
Fall. 4(2-4) P: LA 140 RB: AutoCADD proficiency as approved by school. R: Open to students in the Bachelor of Landscape Architecture and open to students in the Horticulture major or approval of school. SA: LA 330

Landscape architectural elements and principles of grading, drainage, construction materials and methods.

231 Landscape Site Engineering
Spring. 4(2-4) P: LA 230 RB: AutoCADD proficiency as approved by School. R: Open to undergraduate students in the Bachelor of Landscape Architecture or approval of school. SA: LA 331

Principles and procedures for landscape engineering of grading, site structures and systems.

242 Creating Space Studio
Fall. 4(2-4) P: LA 141 R: Open to undergraduate students in the Bachelor of Landscape Architecture or approval of school. Not open to students with credit in LA 341.

Landscape architecture design process, built and natural design elements. Small site scale.

243 Place Making Studio
Spring. 4(2-4) P: LA 242 R: Open to sophomores in the Bachelor of Landscape Architecture.

Landscape architecture design process; human experience of place and environment; site scale

311 Landscape Design and Management Specifications
Spring. 4(3-2) Interdepartmental with Horticulture. Administered by Horticulture. P: HRT 211 and (HRT 212 or concurrently)

Landscape design techniques, spatial organization, plant selection, plant and site interaction. Relationship between design, construction and maintenance. Preparation of planting and maintenance specifications.

332 Advanced Landscape Site Engineering
Fall. 4(2-4) P: LA 231 R: Open to juniors in the Bachelor of Landscape Architecture or approval of school. SA: LA 437

Advanced landscape engineering principles, technology, documents and procedures.

344 Connections of Scale Studio
Fall. 5(2-6) P: LA 243 R: Open to juniors in the Bachelor of Landscape Architecture or approval of school. SA: LA 443

Landscape architectural human and environmental connections - site to master planning scales, varying project complexity

345 Design Development Studio
Spring. 5(2-6) P: LA 332 and LA 344 R: Open to undergraduate students in the Bachelor of Landscape Architecture.

Landscape architectural design and construction connections. Domestic and international practices.

368 Zoo Animal Biology and Conservation
Summer. 3(3-0) Interdepartmental with Animal Science and Fisheries and Wildlife and Integrative Biology. Administered by Integrative Biology. P: BS 162 or LB 144 or BS 182H or approval of department RB: Previous work in biology

Captive animal biology including illustrated examples of care, behavioral welfare and conservation work.

369 Introduction to Zoo and Aquarium Science
Spring. 3(3-0) Interdepartmental with Fisheries and Wildlife and Integrative Biology and Veterinary Medicine. Administered by Integrative Biology. P: BS 162 or LB 144 or BS 182H SA: ZOL 369

Fundamentals of zoo and aquarium operations including research, interpretation, design, nutrition, captive breeding, conservation, ethics and management.

390 Landscape Architecture Field Studies
Spring. 2 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to undergraduate students in the Bachelor of Landscape Architecture or approval of department.

Field observation and analysis of selected professional offices, design and planning projects, natural areas, or places of historic interest. Background familiarization of selected study sites. Evaluation and synthesis of study experiences.

421 Drawing as Knowing
Spring. 4(2-4) RB: Fundamental drawing skills and knowledge of landscape architecture design. R: Open to students in the Bachelor of Landscape Architecture or approval of school.

Application of freehand drawing and digital colorization in the design process with an emphasis on urban and landscape subject matter.

447 Juried Design Studio
Fall. 5(2-6) P: LA 345 R: Open to students in the Bachelor of Landscape Architecture or approval of school. SA: LA 445

Complex development projects, variable scale; juried projects; multiple stakeholders.

448 Regional Environmental Design Studio
Spring. 2(0-4) P: LA 447 R: Open to students in the Bachelor of Landscape Architecture or approval of school.

Regional environmental planning design applications.

449 Landscape Architecture Design Studio
Fall. 3(0-6) P: LA 448

Self-selected evidence based design studio project.

480 Professional Practice in Landscape Architecture (W)
Fall. 3(2-2) P: Completion of Tier I Writing Requirement R: Open to seniors or graduate students in the Bachelor of Landscape Architecture.

Principles and procedures of professional office practice. Organization and management of offices, personnel, and projects. Ethical and legal issues.

489 Seminar in Zoo and Aquarium Science
Fall, Spring. 1(1-0) A student may earn a maximum of 3 credits in all enrollments for this course. Interdepartmental with Community Sustainability and Fisheries and Wildlife and Integrative Biology. Administered by Integrative Biology. R: Approval of department. SA: ZOL 489

Scientific writing and oral presentations related to zoo and aquarium studies.

490 Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 7 credits in all enrollments for this course. R: Approval of department.

Individual investigation of landscape architecture topics in the interest areas of the Landscape Architecture faculty.

492 Senior Research Seminar (W)
Spring. 3(2-2) P: Completion of Tier I writing requirement. R: Open to seniors or graduate students in the Bachelor of Landscape Architecture.

Contemporary issues of relevance to the profession.

494 Special Topics in Landscape Architecture
Fall, Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. R: Open to juniors or seniors or approval of department.

Selected subjects in landscape architecture derived from emerging issues and topics.

498 Internship in Zoo and Aquarium Science
Fall, Spring, Summer. 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. Interdepartmental with Fisheries and Wildlife and Integrative Biology. Administered by Integrative Biology. R: Open to juniors or seniors. Approval of department. SA: ZOL 498

Application of zoological experience in a zoo or aquarium setting outside the university.

LA—Landscape Architecture

- 816 Environmental Design Theory**
Fall. 3(3-0) Interdepartmental with Community Sustainability and Horticulture and Interior Design. Administered by Landscape Architecture. RB: Undergraduate design degree recommended.
Differences between normative theories, scientific theories, models, and constructs. Exploration of normative theories related to thesis or practicum.
- 817 Environmental Design Studio**
Fall, Spring. 3(0-6) Interdepartmental with Horticulture. Administered by Landscape Architecture.
Development of a student-selected environmental design project in a collaborative setting.
- 883 Environmental Design Seminar**
Fall, Spring. 3(3-0) Interdepartmental with Human Environment and Design and Horticulture and Park, Recreation and Tourism Resources. Administered by Horticulture. RB: Undergraduate design degree.
Examination of the breadth of environmental design projects. Literature review of focused projects. Development of practicum or thesis proposals.
- 898 Master's Thesis Practicum**
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. RB: Undergraduate design degree. R: Open to graduate students in the Environmental Design major.
Detailed professional application of a student-selected environmental design project.
- 899 Master's Thesis Research**
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. RB: Undergraduate design degree. R: Open to graduate students in the Environmental Design major.
Preparation and completion of an independent research thesis.