

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.
- 218 Introduction to Golf Architecture**
Summer. 3(3-0)
Golf course architecture including history, architects, principles and elements of the golf course, course routing and individual hole design.
- 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.
- 341 Basic Site Design I**
Fall. 4(2-4) RB: GEO 221 and IDES 240 R: Open to juniors in the Bachelor of Landscape Architecture and open to students in the Crop and Soil Sciences Major or in the Urban and Regional Planning Major or in the Horticulture Major or approval of school.
Introduction to the design process. Focus on program development, inventory, and analysis.
- 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.
- 369 Introduction to Zoo and Aquarium Science**
Spring. 3(3-0) Interdepartmental with Fisheries and Wildlife and Veterinary Medicine and Zoology. Administered by Zoology. P: BS 162 or LB 144 or BS 182H
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.
- 419 Advanced Golf Course Architecture**
Fall. 3(1-4) P: LA 218 or approval of school RB: LA 231 and LA 332 and LA 345 R: Open to masters students in the Environmental Design major and open to juniors in the Bachelor of Landscape Architecture or approval of school.
Application of the process and principles of golf course architecture, routing, design, and construction in an advanced design studio setting.

- 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.
- 444 Community Project Design II**
Spring. 5(2-6) R: Open to seniors in the Bachelor of Landscape Architecture.
The community systems planning process. Application of multiple use theory and techniques. Integration of project demands and community infrastructure.
- 446 Regional Environmental Design**
Fall. 3(0-6) RB: LA 444 R: Open to seniors in the Bachelor of Landscape Architecture or approval of department.
Theory and tools in regional environmental design and their application to site facilities, assignment of land use, and management of landscape structure with special emphasis on spatial identity, visual quality, and environmental modeling. Human dimensions to landscape change.
- 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 Fisheries and Wildlife and Park, Recreation and Tourism Resources and Zoology. Administered by Zoology. R: Approval of department.
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.

Landscape Architecture—LA

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 Zoology. Administered by Zoology. R: Open to juniors or seniors. Approval of department.

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

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.