

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 C: PDC 120 concurrently.
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 and LA 243 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: PDC 120 and 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. C: LA 230 concurrently.
Landscape architecture design process, built and natural design elements. Small site scale.

- 243 Place Making Studio**
Spring. 4(2-4) P: LA 230 and LA 242 R: Open to sophomores in the Bachelor of Landscape Architecture. Not open to students with credit in LA 342. C: LA 231 concurrently and HRT 311 concurrently.
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 230 and LA 231 R: Open to juniors in the Bachelor of Landscape Architecture or approval of school. SA: LA 437 C: LA 344 concurrently.
Advanced landscape engineering principles, technology, documents and procedures.
- 341 Basic Site Design I**
Fall. 4(2-4) RB: LA 240 and (GEO 221 and HED 240) R: Open only to majors in Landscape Architecture or Horticulture or Crop and Soil Sciences or Urban and Regional Planning.
Introduction to the design process. Focus on program development, inventory, and analysis.
- 342 Basic Site Design II**
Spring. 5(2-6) RB: LA 341 R: Open only to majors in Landscape Architecture or Horticulture or Crop and Soil Sciences or Urban and Regional Planning.
Development of design solutions for individual projects at a small scale. Focus on simple design programs and problems of limited complexity.
- 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 C: LA 332 concurrently.
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. C: LA 390 concurrently and LA 421 concurrently.
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. P: LA 332 and LA 344 R: Open to undergraduate students in the Bachelor of Landscape Architecture. C: LA 345 concurrently and LA 421 concurrently.
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. Instructor approval required for enrollment.
- 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.
- 420 Advanced Graphic Communication**
Spring. 4(1-6) RB: LA 342 R: Open only to majors in Landscape Architecture.
Methods of 3-D visualization in the design process.
- 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.
- 439 Golf Course Planning and Design**
Fall of even years. 3(3-0) Interdepartmental with Urban Planning. Administered by Urban Planning. RB: LA 342 R: Open to students in the Urban and Regional Planning major.
History, planning, and design of the golf course as a component of the community. Environmental, regulatory, technical, and financing issues.
- 444 Community Project Design II**
Spring. 5(2-6) RB: LA 443 R: Open only to majors in 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 only to seniors in 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.

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- 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 (W)**
Fall. 3(2-2) P: Completion of Tier I writing requirement. R: Open only to seniors or graduate students in Landscape Architecture. C: LA 437 concurrently or LA 443 concurrently.
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: Open only to students in Landscape Architecture. 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 only to seniors or graduate students in 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 only to juniors or seniors in Landscape Architecture 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 Human Environment and Design and Horticulture and Park, Recreation and Tourism Resources. 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 Human Environment and Design and Horticulture and Park, Recreation and Tourism Resources. Administered by Landscape Architecture. P: (LA 816 and LA 883) RB: Undergraduate design degree.
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.