

LANDSCAPE ARCHITECTURE

LA

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

- 200 Introduction to Landscape Architecture**
Fall. 3(3-0)
Environmental issues and problem-solving strategies within landscape architecture.
- 220 Graphic Communication**
Fall. 4(2-4) R: Open only to majors in Landscape Architecture or Urban and Regional Planning or Horticulture.
Fundamentals of graphics including freehand and technical drafting, lettering, sketching, perspective drawing, and delineation and rendering. Principles of design and field drawing techniques. Also introduced: plan, section, elevation and basic symbols, references, methods of presentation and graphic reproduction.
- 240 Applied Design Fundamentals**
Spring. 4(2-4) RB: (LA 220) or approval of department. R: Open only to majors in Landscape Architecture or Horticulture or Crop and Soil Sciences or Urban and Regional Planning.
Application of the principles and theory of design in advanced two-and three-dimensional representation.
- 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.
- 330 Site Construction: Materials and Methods**
Fall. 4(2-4) RB: LA 220 R: Open only to majors in Landscape Architecture, Horticulture or Crop and Soil Sciences or Park, Recreation and Tourism Resources.
Elements and principles of grading, drainage, construction materials and methods.
- 331 Site Engineering**
Spring. 4(2-4) RB: LA 330 R: Open only to majors in Landscape Architecture or Horticulture.
Principles and procedures for landscape engineering of site structures and systems such as road alignment, storm and subsurface drainage. Site utilities.
- 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.
- 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 110 or LB 144 or BS 148H
Fundamentals of zoo and aquarium operations including research, interpretation, design, nutrition, captive breeding, conservation, ethics and management.
- 390 Landscape Architecture Field Studies**
Fall, Spring. 2 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to juniors or seniors in Landscape Architecture. 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.
- 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.
- 437 Design Implementation**
Fall. 3(0-6) RB: LA 331 R: Open only to seniors in the Landscape Architecture or Horticulture major. C: LA 443 concurrently or LA 480 concurrently.
Development of a complete package of contract documents for a representative site development project, including construction plans, bid documents, and specifications.
- 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.
- 443 Community Project Design I**
Fall. 5(2-6) RB: LA 342 R: Open only to majors in Landscape Architecture or Urban and Regional Planning. Approval of department. C: LA 437 concurrently or LA 480 concurrently.
Development of design solutions for medium scale site development projects focusing on moderately complex design programs and problems.
- 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.

- 445 Advanced Project Design**
Spring. 4(0-8) RB: LA 444 and LA 480 R: Open only to seniors in Landscape Architecture.
Application of design theory to complex site development projects in community settings. Interaction of human activities, sites, and end uses. Use of community feedback.
- 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.
- 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.
- 493 Internship in Landscape Architecture**
Fall, Spring, Summer. 2 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to seniors in Landscape Architecture or approval of department.
Supervised experience in approved public agencies and professional offices.
- 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.

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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
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. 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.

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. 3 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. RB: Undergraduate design degree. R: Open only 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. 3 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. RB: Undergraduate design degree. R: Open only to graduate students in the Environmental Design major.

Preparation and completion of an independent research thesis.