

**NORTH CAROLINA A&T STATE UNIVERSITY
LANDSCAPE ARCHITECTURE PROGRAM
COURSE DESCRIPTIONS**

LDAR 102. Environmental Design Ethics **Credit 2(2-0)**

This course is designed to emphasize issues, values, and ethics in landscape architecture. Current concerns and issues involving the environment, design and social factors will be explored. A variety of ideologies within the practice of landscape architecture and their niches within the profession will be examined. **(F, S, SS)**

LDAR 150. Landscape Architecture Discovery **Credit 3(3-0)**

This course will explore the broad field of landscape architecture. Students will be introduced to the planning and design process. The ecological and social factors of design, planning, management, and research of landscapes will be introduced with emphasis on sustainability. Also, the development of the landscape architecture lexicon will be emphasized. **(F, S, SS)**

LDAR 170. Landscape Architecture Drawing One Studio **Credit 3(0-6)**

Students enrolled in this studio course will explore the field of landscape architecture through the various visual communication techniques. Students will be exposed to traditional and digital visual graphic techniques necessary for the communication of ideas. Students will also develop three dimensional models. **(F, S, SS)**

LDAR 171. Landscape Architecture Drawing Two Studio **Credit 3(0-6)**

This studio course is designed to explore further issues of visual communication. Both traditional and digital visual media will be used to investigate more technical aspects of communication. Students will also develop more complex to three dimensional models. **(F, S, SS)**

LDAR 198. The Space Creation Studio **Credit 3(0-6)**

This studio course will explore issues of basic design and design theory such as the principles and elements of visual design. Two and three dimensional aspects of form and space creation will be explored along with the development of a design language. **(F, S, SS)**

LDAR 199. The Imaginary Space Studio **Credit 3(0-6)**

Students in this studio course will explore basic concept development using the principles and elements of design. The course will give students a greater understanding of space through analysis of forms, proportions, and scale. Students will investigate design theory by proposing solutions to a given problem. **(F, S, SS)**

LDAR 230. Designing Sustainably **Credit 3(3-0)**

This lecture course will explore current research, technology, best practices and performance goals for the design, construction and maintenance of sustainable sites. Basic concepts of ecology, ecosystem structure and function will be explored; energy flow and material recycling emphasized. Field trips are required. **(F, S, SS)**

LDAR 270. Landscape Architecture History **Credit 3(3-0)**

This history course is a study of the development of landscape architecture from antiquity to modern times, with emphasis on its relationships to allied arts and professions of designed landscapes. **(F, S, SS)**

LDAR 271. Landscape Architecture History II **Credit 3(3-0)**

This course is a study of the development of landscape design during the modern and post modern eras. Topics will include the English Landscape School, the City Beautiful Movement, the Country Place Era, the International School, and contemporary landscapes and their designers. **(F, S, SS)**

LDAR 302. Plant Materials I **Credit 3(1-4)**

This course will concentrate on the study of plant materials as used in landscape design. Emphasis is placed on major categories of herbaceous plants and woody plants as they pertain to landscape usage. Identification techniques will be introduced and used. (F, S, SS)

LDAR 303. Plant Materials II **Credit 3(1-4)**

This course is a continuation of LDAR 302. Different plant species will be the focus of this course. (F, S, SS)

LDAR 360. Landscape Architecture Construction Materials **Credit 3(1-4)**

This course will introduce students to various materials used in landscape construction projects. The nature, structure and/or composition of the material, its typical application in the landscape and construction techniques with emphasis on sustainable materials will be discussed. Emphasis will be placed on the use of materials in the landscape and the development of drawn construction details during the lab period. (F, S, SS)

LDAR 370. The Small Private Spaces Studio **Credit 3(0-6)**

This studio course is designed to explore further issues of design with emphasis on sustainable landscapes. Course material will emphasize ideologies about scales, context, and concept development. Small residential projects will explore creative solutions to “real” world constraints (i.e. zoning regulations, economic, environmental, social, political, etc.). The cyclic nature of the design process and its layers will also be emphasized. Prerequisite: LDAR 141. (F, S, SS)

LDAR 371. The Small Public Spaces Studio **Credit 3(0-6)**

This studio course is designed to explore further issues of design with emphasis on sustainable landscapes. Course material will emphasize ideologies about scales, context, and concept development. Small public projects will explore creative solutions to “real” world constraints (i.e. zoning regulations, economic, environmental, social, political, etc.). The cyclic nature of the design process and its layers will also be emphasized. Prerequisite: LDAR 370. (F, S, SS)

LDAR 377. Design in Practice One **Credit 1(1-0)**

This lecture course is designed to prepare students for Coops in the professional field. Portfolio preparation to business acumen and how to function in professional life will be discussed. (F, S, SS)

LDAR 380. Design Field Study **Credit 3(0-6)**

This is a course for landscape architecture students to visit and explore examples of exemplary natural systems and built landscapes. Students will study successful North Carolina or international (i.e. Ghana, England) urban projects, gardens, parks, and residential communities, to further understand the environment. (F, S, SS)

LDAR 460. Landscape Architectural Construction Studio **Credit 4(0-8)**

This studio course will focus on exercises and projects in site engineering with emphasis on sustainable landscapes. Prerequisites: MATH 101 and 102 or higher, PHYS 105 or higher (F, S, SS)

LDAR 461. Landscape Architecture Materials and Equipment Studio **Credit 4(0-8)**

This studio course will focus on lectures, exercises and projects dealing with landscape equipment, and design methods with emphasis on sustainable landscapes. Prerequisite: LDAR 460. (F, S, SS)

LDAR 470. Site Design Studio **Credit 4(0-8)**

This is a studio course for students to develop design solutions to problems involving private, quasi-public, and public spaces with emphasis on the design process and sustainability. The student will develop programs, site analysis, concept, and presentation drawings. Prerequisite: LDAR 371. (F, S, SS)

LDAR 471. Site Planning Studio **Credit 4(0-8)**

This studio course focuses on the site planning process in which a program for development is fitted efficiently onto an area of land of adequate size while expressing the site's unique characteristics. Prerequisite: LDAR 470. (F, S, SS)

LDAR 500. Special Problems in Design **Credit 3(3-0)**

This is a course for landscape architecture students to work on independent study projects. Prerequisite: Consent of the instructor and Program Director. (F, S, SS)

LDAR 510. Design in Practice Two **Credit 3(3-0)**

This course is a study of the professional practice of landscape architecture with emphasis on creating and maintaining a professional firm. Professional ethics and registration laws; the preparation of proposals and contract documents; office administration; job supervision, and relationships with clients and customers will be covered. (F, S, SS)

LDAR 520. Design Theory **Credit 3(3-0)**

Lectures on historic and contemporary issues relating to the theory and practice of landscape architecture are the focus of this seminar. There will be individual research and group discussions during this lecture class. (F, S, SS)

LDAR 550. Designing with Plants Studio **Credit 3(0-6)**

This studio course will study the fundamentals of design as applied to aesthetic and functional arrangements with emphasis on native and ornamental plant material. Problems will include preparation of planting plans, cost estimates and technical specifications. Prerequisites: LDAR 302 and 303. (F, S, SS)

LDAR 560. Construction Documents Studio **Credit 3(0-6)**

This studio course will serve as a capstone to Landscape Architectural Construction studio with emphasis on understanding and preparing complete sets of construction documents for landscape architecture projects. Prerequisite: LDAR 461. (F, S, SS)

LDAR 570. The Collaborative Studio **Credit 4(0-8)**

This studio course is an in-depth group study of a comprehensive landscape architecture management, planning, and design problem while considering the research, programming, site analysis, conceptual studies, preliminary and master plan, design guidelines, and presentations of recommendations. Prerequisite: LDAR 471. (F, S, SS)

LDAR 571. The Personal Discovery Studio **Credit 4(0-8)**

This studio course focuses on an approved design problem requiring individual work, which will serve as a comprehensive examination. Preparation and presentation are to include a written and graphic problem statement, analysis, and detailed plans, or other activities approved by instructor. Prerequisite: LDAR 570. (F, S, SS)

LDAR 572. Design Proposal Writing **Credit 3(3-0)**

This course is intended to assist students in selecting an individual capstone project, finding and organizing appropriate information needed for the project, and firmly establishing parameters for the design and development of the project. (F, S, SS)