

# LAND - LANDSCAPE ARCHITECTURE

## **LAND 601 Landscape Architectural Design Theory and Application I Credits 5. 2 Lecture Hours. 9 Lab Hours.**

First design studio course for career-change students; basic theories, principles, applications of landscape architectural design; design process; context-sensitive design; evidence based design; form-making skills; form-function-meaning relationships; spatial scale and dimensions; elements of natural and built environments; behavioral, psychosocial, policy and ecological factors in design; communication of design ideas.  
**Prerequisites:** Graduate classification and approval of instructor.

## **LAND 602 Landscape Architectural Design Theory and Application II Credits 5. 2 Lecture Hours. 9 Lab Hours.**

Application of ecological concepts to site planning and site design, form and space making using natural features, and practical issues including social and political, technological and economic influences on ecological design.

**Prerequisites:** LAND 601.

## **LAND 603 Principle, Procedures and Techniques of Land Use Credits 6. 2 Lecture Hours. 12 Lab Hours.**

A continuation of LAND 601-602 sequence for career-change students; resolution of land problems that typically occur on a site; exploration of land use planning concepts and landscape ecology techniques; application of knowledge and skills acquired during the first year to a complex land development studio project.

**Prerequisites:** LAND 602 and approval of instructor.

## **LAND 612 Landscape Architectural Site Engineering and Development Credits 4. 2 Lecture Hours. 6 Lab Hours.**

First construction studio course; concepts, theories and techniques of site development; aspects of site engineering and consideration of earth bound elements in land development; contours, landform, grading design, drainage principles, cut and fill computations, basic hydraulics and hydrology, stormwater management, landscape construction materials.

**Prerequisite:** Approval of instructor.

## **LAND 614 Landscape Architectural Construction Credits 3. 2 Lecture Hours. 4 Lab Hours.**

Second construction studio course; sustainable water management techniques in landscape development; theory, principles and techniques of low impact development; basic elements of landscape architectural construction; construction document preparation, working drawings, project layout and design; theory and principles of irrigation and lighting design. Field trips required.

**Prerequisite:** LAND 612.

## **LAND 620 Open Space and Land Use Planning I Credits 5. 2 Lecture Hours. 9 Lab Hours.**

Creation of land use planning strategies for large land parcels; site inventory, analysis program formulation and design detailing sequenced into the production of a comprehensive master plan; consideration of issues in sustainability, environmental protection, growth management and resource utilization.

**Prerequisite:** LAND 601, LAND 602, LAND 603 or approval by instructor.

## **LAND 621 Open Space and Land Use Planning II**

**Credits 5. 2 Lecture Hours. 9 Lab Hours.**

Projects with various scales; site selection, program formulation, theory, master planning and detailed design applied to topics of community design and development, and healthy communities; evidence based design methodology, techniques of professional design documentation and presentation.

**Prerequisite:** LAND 620 or approval by instructor.

## **LAND 630 Development of Landscape Architecture Credits 3. 3 Lecture Hours.**

Overview of the history of human settlement, land use and landscape architecture outside of North America.

**Prerequisite:** Graduate classification.

## **LAND 632 Design for Active Living Credits 3. 3 Lecture Hours.**

Understanding the forms and characteristics of the built environment and the influence on human behaviors, lifestyles and health; theoretical and empirical insights into the issues of physical activity, obesity, and automobile dependency; focus on how changes in the built environment help address these issues.

**Prerequisite:** Graduate classification or approval of instructor.

**Cross Listing:** ARCH 673 and PLAN 632.

## **LAND 635/PLAN 635 Concepts in Ecological Planning and Design Credits 3. 3 Lecture Hours.**

Reviews selected ecological concepts and explores integration into ecological/landscape planning, design using a historical perspective; historical and contemporary approach to provide and in-depth understanding of how they can better mediate between human actions and natural process.

**Prerequisite:** Graduate classification.

**Cross Listing:** PLAN 635/LAND 635.

## **LAND 640 Research Methods in Landscape Architecture Credits 3. 3 Lecture Hours.**

Research methods including theory, hypothesis formulation, design, data collection, measurement and report writing; equates research activity to landscape architecture and the interaction between people and their physical environment.

**Prerequisite:** LAND 603 or equivalent.

## **LAND 645 Practice Diversity in Landscape Architecture Credits 3. 3 Lecture Hours.**

An exploration of the diversity of practice opportunities within the profession of Landscape Architecture; individual roles within those areas of practice and the skills required to function successfully within them.

**Prerequisites:** Graduate classification and approval of instructor.

## **LAND 646 Professional Practice Credits 3. 3 Lecture Hours.**

Introduction to the procedures, management and ethical frameworks in which professional landscape architectural practice occurs; topics include forms of practice, employment issues, proposal preparation, fee and contract structures, project management, roles of the landscape architect, presentations and public participation, legal and ethical responsibilities.

**Prerequisites:** Graduate classification and approval of instructor.

## **LAND 655 Landscape Architectural Communication Credits 3. 2 Lecture Hours. 4 Lab Hours.**

Graphic communication techniques required to expand landscape architectural concepts and designs including plan graphics, analysis and inventory graphics, perspective drawings, sketch composition, rendering media, color scanning, use of software and desktop.

**LAND 661 Visual Quality for Design and Planning**

**Credits 3. 3 Lecture Hours.**

Emphasis on social science perspectives for analyzing visual quality in built and natural landscapes, and effects of visual surroundings on human well-being and health; the content reflects a balance of theory, scientific research evidence and practical applications in areas of landscape architecture, architecture, urban planning and park design.

**Prerequisite:** Graduate classification.

**LAND 681 Seminar**

**Credit 1. 1 Lecture Hour.**

Analysis and criticism of selected landscape architectural projects. Lectures, reports and discussions.

**Prerequisite:** Graduate classification in landscape architecture.

**LAND 684 Professional Internship**

**Credits 1 to 8. 1 to 8 Other Hours.**

LAND 684 is sequenced for graduation; must be completed prior to the final year of advanced study in the summer; student is required to take a work position in an approved office for a minimum of ten weeks at forty hours/week.

**Prerequisite:** Approval of faculty.

**LAND 685 Directed Studies**

**Credits 1 to 6. 1 to 6 Other Hours.**

Advanced study in an individual landscape architecture course with a selected faculty member; focus on a topic mutually derived by the student and faculty member; requires the production of a professional response solution.

**Prerequisite:** Approval of faculty.

**LAND 689 Special Topics in...**

**Credits 1 to 4. 1 to 4 Lecture Hours.**

Selected topics in an identified area of landscape architecture. May be repeated for credit.

**Prerequisite:** Approval of instructor.

**LAND 691 Research**

**Credits 1 to 23. 1 to 23 Other Hours.**

Research for and preparation of dissertation.

**Prerequisite:** Doctoral classification.

**LAND 693 Professional Study**

**Credits 1 to 23. 1 to 23 Other Hours.**

Terminal studio to be taken by the qualified master of landscape architecture candidate; requires preparation of a proposal describing the topic, an outlined method, procedures and timeline to be submitted to committee; approved and completed study requires a defense and separate public presentation.

**Prerequisite:** Approval of landscape architecture faculty.