LARC Landscape Design

LARC 120. Introduction to Landscape Architecture. 3 Credits. (3 Lec, 1 Lab)
PREREQUISITES: None CO-REQUISITES: None
Introduction to Landscape Architecture. 3 Credits. (3 Lec, 1 Lab)
PREREQUISITES: None CO-REQUISITES: None
Introduction to the history and practice of landscape architecture. Focuses on
understanding the role of landscape architecture in the design of exterior spaces,
the creation of public and private spaces, and the role of landscape architecture
in the sustainable development of the built environment.

LARC 131. Landscape Architecture/History/Theory. 3 Credits. (3 Lec)
PREREQUISITES: None
Introduction to the history and theory of landscape architecture. Focuses on
the development of the field, major movements, and key figures in the history of
landscape architecture.

LARC 201. Sustainable Landscape Studio I. 1-3 Credits. (1 Lec, 2 Lab)
PREREQUISITES: HORT 120 or consent of instructor CO-REQUISITES: HORT 131)
One of two studios in the sustainability series relating to theoretical concepts
and practical applications of sustainable landscape design and development with
this one focusing on natural resource aspects. Course material provided through
lectures, readings, and student projects.

LARC 202. Sustainable Landscape Studio II. 3 Credits. (1 Lec, 2 Lab)
PREREQUISITES: CONCURRENT HORT 201
One of two studios in the sustainability series relating to theoretical concepts
and practical applications of sustainable landscape design and development with
this one focusing on cultural and social aspects. Course material provided through
lectures, readings, and student projects.

LARC 225. Landscape Graphics I. 1-4 Credits. (1 Lec, 3 Lab)
PREREQUISITES: ARCH 151RA Hand graphic communication methods,
media, and equipment for landscape designers throughout the design process.
Exploration and assessment of landscape representation for site analysis,
schematic design, planting design, and design presentation.

LARC 226. Landscape Graphics II. 3 Credits. (1 Lec, 2 Lab)
PREREQUISITES: DDDS N 131 (may be taken as co-requisite)
Understanding of the opportunities offered by computer graphic techniques for
landscape architectural drawings, including plans, elevations, axonometric, perspectives,
and layouts. Includes instruction in major areas of computer applications for
the different phases of a design project.

LARC 331. Planting Design. 1-3 Credits. (1 Lec, 2 Lab)
PREREQUISITES: HORT 225 and HORT 226, and HORT 231 (may be
taken as co-requisites)
Focuses on planting design elements and principles, landscape trends, styles and
trends; involves application of planting design to a variety of project types including
engineering, architectural, plan and environmental relationships. Construction documentation and cost
estimating for planting landscape installation.

LARC 335. Site Development. 4 Credits. (4 Lec)
PREREQUISITES: M 105Q (formerly M 145Q), HORT 105
Design and production of computer-aided working drawings and models of
structures and surfaces including paving, retaining walls, fences, decks and other
landscape features. Production of landscape construction portfolio which details a
complete site development project.

LARC 340. Site Design Studio I. 1-4 Credits. (1 Lec, 3 Lab)
PREREQUISITES: HORT 331
Focuses on the challenges and opportunities of integrating biophysical
characteristics and ecological assets with development. Topics include
landscape ecology for land use planning, PROST (parks, recreation,
open space and trails) planning, ArcGIS for landscape planning, and
landscape performance. Studio projects focus on master planning of green
infrastructure at community and regional scales.

LARC 435. Landscape Planning. 4 Credits. (1 Lec, 3 Lab)
PREREQUISITES: HORT 331
Focuses on the challenges and opportunities of developing vibrant,
sustainable neighborhoods and regions. Topics include
city form, street design, sustainable neighborhoods, and urban ecological
design. Studio projects focus on neighborhood master planning, brownfields
redevelopment, and public infrastructure design.