LARC Landscape Design

LARC 120. Introduction to Landscape Architecture. 3 Credits. (3 Lec, 1 Lab)
PREREQUISITES: None
CO-REQUISITES: None
Introduction to studio course in a sequence of studios into basic design process and skills used in landscape design, planning, and management. Concentration on navigating the design process while developing concepts, skills and methods of design in critical spatial analysis of various natural and human systems in a variety of exterior settings.

LARC 131. Landscape Architecture/History/Theory. 3 Credits. (3 Lec)
Introduction to the history of landscape design from ancient civilizations to the present. The evolution of design theory as it relates to visual arts, material palettes, climate, ecology, cultural, and social issues. Current trends in landscape industry and the work of major designers will be studied.

LARC 201. Sustainable Landscape Studio I. 1-3 Credits. (1 Lec, 2 Lab)
PREREQUISITES: HORT 120 or consent of instructor
CO-REQUISITES: HORT 131, HORT 225
One of two studios in the sustainability series relating to theoretical concepts and practical applications of sustainable landscape design and land development at nested scales (site, neighborhood, city, region, and nation) 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
CO-REQUISITES: HORT 225
One of two studios in the sustainability series relating to the theoretical concepts and practical applications of sustainable landscape design and land 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: DASS 131
CO-REQUISITES: CAN BE CONCURRENT
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
Focuses on plant 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
CONCURRENT HORT 331
Introductory site engineering course for landscape architects. Course explores concepts and methods related to grading and drainage. Topics include landfill as design, site grading problem solving, storm water management principles and ecological design strategies, graphic communication for grading plans.

LARC 336. Landscape Construction. 2-4 Credits. (2 Lec, 2 Lab)
PREREQUISITES: HORT 105, HORT 331
Focuses on site planning and design of residential, commercial, and mixed-use projects. Explores site design processes including, design concept, development ordinances and project submittals. Introduction to theory and methods of sustainable community planning, such as, transit-oriented development, closed-loop neighborhoods, and eco-neighborhoods.

LARC 340. Site Design Studio I. 1-4 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.