LAND 101 Introduction to Landscape Architectural Practice
Credit 1. 1 Lecture Hour.
Explores and evaluates the diversity of landscape architectural practice; defines the traditional practice forms and examines evolving and boundary expanding opportunities for future practice; introduces the departmental curriculum and faculty.

LAND 111 Landscape Architecture Communications I
Credits 3. 2 Lecture Hours. 4 Lab Hours.
Introduction to basic drafting and drawing required for landscape architecture projects, introduction to basic concepts, principles of graphic composition and pencil sketching techniques.

LAND 121 Landscape Design I
Credits 4. 2 Lecture Hours. 7 Lab Hours.
Beginning studio course in land design; forces that produce useable three-dimensional site-space relationships; problems presented to give a basic knowledge, scope and application of landscape architecture design principles. Overnight field trip required.
Prerequisites: LAND 111; junior or senior classification or approval of instructor.

LAND 211 Landscape Design II
Credits 4. 2 Lecture Hours. 7 Lab Hours.
Continuation of LAND 121; basic design principles that combine natural systems (such as landform, water, vegetation, wildlife habitat, soils, climate) and human-built systems (such as roads, building utilities).
Prerequisites: LAND 211 and LAND 231.

LAND 231 Landscape Construction I
Credits 4. 2 Lecture Hours. 4 Lab Hours.
First construction studio course; 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.
Prerequisite: Junior or senior classification or approval of instructor.

LAND 232 Landscape Construction II
Credits 3. 2 Lecture Hours. 4 Lab Hours.
Second construction studio course; essential construction materials and systems applied in landscape development; topics include statics and mechanics of simple structures; properties and procedures of wood, masonry and concrete construction; construction sequencing and material costs; development of a construction document package required. Construction observation field trips required.
Prerequisites: LAND 211 and LAND 231; junior or senior classification.

LAND 240 History of Landscape Architecture
Credits 3. 3 Lecture Hours.
Introduction to history of land use, urban design and planning, and site design from prehistory to the present in Europe, Asia, Africa and Australia; contemporary issues in landscape architecture such as sustainability, ecological design, and professional roles, both historically and at present, with comparisons to American examples.
Prerequisite: Sophomore classification or higher.

LAND 241 History and Development of Landscape Architecture in North America
Credits 3. 3 Lecture Hours.
Interaction between people and the land in North America from first settlement to the present; settlement patterns, sustainable land use, urban design and plan, and site design in context of cultural, social, and technological factors; current issues in landscape architecture, landscape urbanism, and land-use planning.

LAND 291 Research
Credits 1 to 4. 1 to 4 Other Hours.
Research conducted under the direction of faculty member in landscape architecture. May be repeated 2 times for credit.
Prerequisites: Freshman or sophomore classification and approval of instructor.

LAND 311 Landscape Design III
Credits 5. 2 Lecture Hours. 9 Lab Hours.
Design process, sustainable landscape design, synthesis and design refinement; problems to stimulate highly creative self-motivated results, design thinking to integrate behavioral settings into natural and/or built landscape systems.
Prerequisites: LAND 212 and LAND 232; junior or senior classification.

LAND 312 Landscape Design IV
Credits 5. 2 Lecture Hours. 9 Lab Hours.
Continuation of LAND 311; land design projects of increased complexity and emphasis on sustainability, with site scale problems used to demonstrate complete design thought. One or more field trips may be required.
Prerequisite: LAND 311.

LAND 321 Landscape Design V
Credits 4. 2 Lecture Hours. 4 Lab Hours.
Third construction studio course; sustainable water management techniques in landscape development; theory, principles and techniques of low impact development; construction document preparation, working drawings, project layout and design; theory and principles of irrigation and lighting design. Field trips required.
Prerequisites: LAND 320 and LAND 330; junior or senior classification.

LAND 330 History of Landscape Architecture
Credits 3. 3 Lecture Hours.
Introduction to history of land use, urban design and planning, and site design from prehistory to the present in Europe, Asia, Africa and Australia; contemporary issues in landscape architecture such as sustainability, ecological design, and professional roles, both historically and at present, with comparisons to American examples.
Prerequisite: Sophomore classification or higher.

LAND 331 Landscape Construction III
Credits 4. 2 Lecture Hours. 4 Lab Hours.
Third construction studio course; essential construction materials and systems applied in landscape development; topics include statics and mechanics of simple structures; properties and procedures of wood, masonry and concrete construction; construction sequencing and material costs; development of a construction document package required. Construction observation field trips required.
Prerequisites: LAND 211 and LAND 231; junior or senior classification.

LAND 391 Research
Credits 1 to 4. 1 to 4 Other Hours.
Research conducted under the direction of faculty member in landscape architecture. May be repeated 2 times for credit.
Prerequisites: Freshman or sophomore classification and approval of instructor.

LAND 412 Landscape Design VI
Credits 5. 2 Lecture Hours. 9 Lab Hours.
Capstone studio; advanced study and research designed to go beyond the core design experience; introduction of issues, methodologies, tools and techniques developing in professional practice.
Prerequisite: LAND 312.
LAND 431 Professional Practice  
Credits 3. 3 Lecture Hours.  
Procedures, management and ethical frameworks in which professional landscape architectural practice occurs; topics include forms of practice, employment, proposal preparation, fee and contract structures, project management, roles of the landscape architect, presentations and public participation, legal and ethical responsibilities.  
**Prerequisites:** Senior classification; approval of instructor.

LAND 484 Summer Internship  
Credits 0. 0 Lecture Hours.  
Practical experience in an office of design allied professionals; 10 week internship with a minimum of 400 hours; continuous employment; departmental pre-approval through the department internship coordinator required. Must be taken on a satisfactory/unsatisfactory basis.  
**Prerequisites:** Upper level classification and approval of internship coordinator; LAND 321.

LAND 485 Directed Studies  
Credits 1 to 6. 1 to 6 Other Hours.  
Special problems in various phases of landscape architecture assigned to individual students or to groups. Consultation and assigned collateral reading.  
**Prerequisite:** Approval of department head.

LAND 489 Special Topics in...  
Credits 1 to 4. 1 to 4 Other Hours.  
Selected topics in an identified field of landscape architecture. May be repeated for credit.

LAND 491 Research  
Credits 1 to 4. 1 to 4 Other Hours.  
Research conducted under the direction of faculty member in landscape architecture. May be repeated 2 times for credit.  
**Prerequisites:** Junior or senior classification and approval of instructor.

LAND 494 Internship  
Credits 6. 6 Lecture Hours.  
An internship (15 week, 600 hours) with a landscape architecture or landscape architecture-related company that exposes the student to landscape architectural professional practice; monthly reports, final internship portfolio and internship supervisor assessment letter required; distance education course with non-resident status.  
**Prerequisites:** LAND 321 and approval of coordinator.