

LANDSCAPE ARCHITECTURE (LA)

LA 1013 Introduction to Landscape Architecture

Description: An overview of the field of landscape architecture with an emphasis on the application of artistic and scientific principles of design, planning and management of natural and built environments.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 1213 Visual Communication I for Landscape Architecture

Description: The practice and application of hand graphics, professional drafting, and freehand sketching skills to explore, communicate, and represent natural, designed, and built landscapes. Previously offered as LA 2002 and LA 2213.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 3 Contact: 5

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 1223 Visual Communication II for Landscape Architecture

Description: The practice and application of digital visualization in the landscape architectural design process. Introduction to computer applications used in the industry for conceptualizing, drafting, modeling, and graphic communications. Previously offered as LA 3002 and LA 2223.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 3 Contact: 5

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 1323 Computer-Aided Design for Landscape Architecture

Description: Principles and applications of computer-aided design (AutoCAD) in landscape architecture. Visual communication techniques related to technical and construction drawings. Introduction to portfolio design. Previously offered as LA 1122 and LA 2323.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 2 Contact: 4

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 1525 Studio 1: Principles and Theory of Design

Prerequisites: Concurrent enrollment in LA 1223.

Description: Introduction to basic elements, principles, and theory of design. Exploration of design process, both 2D and 3D form, spatial organization, and temporal nature of landscape. Applied projects in small scale landscape design. Previously offered as LA 3314, LA 3315, and LA 3773.

Credit hours: 5

Contact hours: Lecture: 2 Lab: 9 Contact: 11

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 2413 Ecological Landscape Design

Description: Introduction to principles of ecological landscape design, natural systems, and landscape performance as applied in contemporary landscape architecture. Includes the natural, cultural, and aesthetic components involved with analyzing existing space for design and planning purposes. Exposure to historical and contemporary individuals that have inspired ecological landscape design and planning.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Hort & Landscape Arch

LA 2513 Native American Symbolism in Landscape Design (D)

Description: Study of cultural diversity through Native American symbolism and application of these symbols as design elements relating to functional and aesthetic qualities in landscape design.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 3 Contact: 5

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

General Education and other Course Attributes: Diversity

LA 2515 Studio 2: Site Design

Prerequisites: LA 1223, LA 1525, and concurrent enrollment in LA 1213.

Description: Design process, site inventory and analysis as it relates to physical and social site design. Place making, experiential, behavioral, and environmental considerations among several issues to be examined. Applied projects will focus on residential design, site design and design development. Previously offered as LA 3324, LA 3325, and LA 4013.

Credit hours: 5

Contact hours: Lecture: 2 Lab: 9 Contact: 11

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 2523 Garden Design in Harmony with Local Ecology

Description: History, theory, and practice of creating gardens in harmony with local ecology to express aesthetic and cultural values of individuals and societies. Environmental aspects of place related to design form and expression.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 3 Contact: 5

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

LA 2525 Studio 3: Recreation and Open Space Design**Prerequisites:** LA 2515.**Description:** Recreation and play, the interface of nature, human-kind and land ethic. Applied projects will address structured and nature play, active and passive parks, open space planning, and natural landscapes. Previously offered as LA 4023, LA 4414 and LA 4415.**Credit hours:** 5**Contact hours:** Lecture: 2 Lab: 9 Contact: 11**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Hort & Landscape Arch**Additional Fees:** HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.**LA 3010 Internship in Landscape Architecture****Prerequisites:** 45 credit hours and consent of internship chairperson.**Description:** Supervised work experience with approved public or private employers in landscape architecture or related fields. May not be substituted for other required courses. Graded on a pass-fail basis. Offered for variable credit, 1-7 credit hours, maximum of 10 credit hours.**Credit hours:** 1-4**Contact hours:** Contact: 1-4 Other: 1-4**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Hort & Landscape Arch**Additional Fees:** HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.**LA 3020 Long-Term Internship in Landscape Architecture****Prerequisites:** LA 3515 and approval of academic advisor and faculty internship coordinator.**Description:** Supervised continuous work experience for 6 months or more with approved public or private employers in landscape architecture or related fields. Presentation required following the internship experience.**Credit hours:** 1-8**Contact hours:** Contact: 1-8 Other: 1-8**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Hort & Landscape Arch**LA 3112 Landscape Architecture National Survey****Prerequisites:** LA 3315.**Description:** Examination and exposure to the state of landscape architecture practice and issues critical to profession. Includes 4- to 6-day out-of-state field trip component to the city hosting the American Society of Landscape Architects National Convention, observation of nationally recognized built works, participation in the convention and networking with professionals from across the country. Includes pre-trip research and post-trip documentation. Required for third-year landscape architecture students.**Credit hours:** 2**Contact hours:** Lecture: 2 Contact: 2**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Hort & Landscape Arch**LA 3515 Studio 4: Landscape Planting Design****Prerequisites:** LA 2525, HORT 2613.**Description:** Introduction and application of the techniques, methods, and concepts for exploring, expressing, and representing landscape planting designs. Medium to large scale landscape architectural planting design projects and the preparation of concept sketches, illustrative plans, construction documents, and specifications. Emphasis on plant selection and arrangement criteria based on ecology and horticultural practices, the principles of design, and the fundamentals of bioregionalism. Previously offered as LA 4033 and LA 4034.**Credit hours:** 5**Contact hours:** Lecture: 2 Lab: 9 Contact: 11**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Hort & Landscape Arch**Additional Fees:** HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.**LA 3525 Studio 5: Sustainable Construction and Design****Prerequisites:** LA 3515 and LA 3884 or LA 4894.**Description:** Explore sustainable issues to improve the design and implementation of natural, cultural, and built environments in the practice of landscape architecture. Applied projects will focus on and apply sustainable construction and design solutions at various scales while considering impacts on human beings and the environments. Previously offered as LA 3893 and LA 3894.**Credit hours:** 5**Contact hours:** Lecture: 2 Lab: 9 Contact: 11**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Hort & Landscape Arch**LA 3673 History and Theory of Landscape Architecture (H)****Description:** Introduction to the history of the built environment from ancient to contemporary time that has created the styles of historical significance in landscape architecture. Examination of the social, philosophical, cultural, economic, political, and environmental conditions of the built environment within design theory.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Hort & Landscape Arch**General Education and other Course Attributes:** Human Heritage & Cultures**Additional Fees:** HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.**LA 3683 Professional Practice & Office Procedure****Description:** Ethics, office practice and procedure. Contract documents and specifications relating to landscape architecture. Previously offered as LA 3682.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Hort & Landscape Arch

LA 3884 Landscape Construction: Site Grading**Prerequisites:** LA 1323.**Description:** Review mechanical drafting and lettering techniques, understanding contours, principles of stormwater runoff, site grading and earthwork calculations, methods of managing stormwater runoff, erosion control, introduction to paving and drainage construction materials, specifications, cost estimating. Computer applications and hand graphics used for projects. Previously offered as LA 3883.**Credit hours:** 4**Contact hours:** Lecture: 2 Lab: 4 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Hort & Landscape Arch**Additional Fees:** HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.**LA 4010 Special Topics in Landscape Architecture****Description:** New and emerging areas of study in Landscape Architecture. Offered for variable credit, 1-4 credit hours, maximum of 9 credit hours.**Credit hours:** 1-4**Contact hours:** Lecture: 1-4 Contact: 1-4**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Hort & Landscape Arch**LA 4053 International Experience in Landscape Architecture - Asia (I)****Prerequisites:** Consent of appropriate faculty member.**Description:** Participation in a formal or informal educational experience related with landscape architecture in Asia.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Hort & Landscape Arch**General Education and other Course Attributes:** International Dimension**LA 4063 International Experience in Landscape Architecture - Peru (I)****Prerequisites:** Consent of appropriate faculty member.**Description:** Participation in a formal or informal educational experience related with landscape architecture in Peru.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Hort & Landscape Arch**General Education and other Course Attributes:** International Dimension**LA 4112 Landscape Architecture Career Survey****Prerequisites:** LA 2525.**Description:** Examination and exposure to built works and landscape architecture professional offices with diverse practices and market niches. Targeted networking and career exploration opportunities for students. Includes a 4- to 6-day out-of-state regional field trip component, pre-trip research, and post-trip documentation. Required for fourth-year landscape architecture students.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Hort & Landscape Arch**LA 4423 Planning and Design for Sustainable Landscapes****Prerequisites:** For LA students, LA 3894. For all other students, NREM 3013 or NREM 2013 and SOIL 2124.**Description:** Explore the origins of sustainability as a basis for understanding how to improve the planning and design of natural and cultural environments in the practice of landscape architecture.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Hort & Landscape Arch**LA 4433 Land Use and City Planning****Description:** Land use and city planning within the framework of a municipality's comprehensive plan, zoning, and subdivision regulations that affect the development of city form. Origins of land use form as a basis for understanding how to improve the future of urban and suburban form through the practice of landscape architecture.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Hort & Landscape Arch**LA 4453 Principles of Landscape Analysis for Site Design****Prerequisites:** LA 3515.**Description:** Analysis of landscapes for design and management decision-making using real-world projects integrating computer-aided design (CAD) and geographic information systems (GIS), aerial photography, and global positioning system (GPS) technologies. Applications will be related to landscape architecture and site design.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Hort & Landscape Arch**LA 4515 Studio 6: Urban Design****Prerequisites:** LA 3515.**Description:** Contemporary urban issues affecting the design process, site master planning, and multi-disciplinary problem solving. Applied project will address influences on urban design, from regional influences to user behavior. Previously offered as LA 4514 and LA 5024.**Credit hours:** 5**Contact hours:** Lecture: 2 Lab: 9 Contact: 11**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Hort & Landscape Arch**Additional Fees:** HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 4525 Studio 7: Community Development and Neighborhood Design

Prerequisites: LA 3525 or LA 4515.

Description: Exposure to contemporary issues of community development over a range of scales including landscape planning, schematic design, and design development. Projects will address issues at multiple forms and densities. Exploration of professional office dynamics, environments, and community involvement.

Credit hours: 5

Contact hours: Lecture: 2 Lab: 9 Contact: 11

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 4573 Recreation Planning

Prerequisites: Consent of instructor.

Description: Theory and methods for small and large scale area planning with emphasis on natural and cultural resources.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 2 Contact: 4

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

LA 4894 Landscape Construction: Materials and Methods

Prerequisites: LA 1323 and LA 3884.

Description: A capstone course using design techniques, computer skills, construction materials, methods and applications for the landscape industry. Detailed computerized construction drawings of pavement, fences, walls, wood structures, and water features. Comprehensive construction documents using computer drafting, design and calculation applications. Previously offered as LA 4893.

Credit hours: 4

Contact hours: Lecture: 2 Lab: 4 Contact: 6

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 4990 Landscape Architecture Special Problems

Prerequisites: Consent of appropriate faculty member.

Description: Landscape architectural related problems. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.

LA 5110 Advanced Special Problems

Prerequisites: Consent of appropriate faculty member.

Description: Specific landscape architectural problems. Offered for variable credit, 1-12 credit hours, maximum of 20 credit hours.

Credit hours: 1-12

Contact hours: Contact: 1-12 Other: 1-12

Levels: Graduate, Undergraduate

Schedule types: Independent Study

Department/School: Hort & Landscape Arch

Additional Fees: HORT/LA Facil, Equip, Lab fee of \$12 per credit hour applies.