

Course Catalog - Fall 2008

Landscape Architecture

101 **Landscape Inquiry and Design** credit: 2 hours.

Introduction to primary concepts and methods of landscape inquiry as a means to understand experiential qualities of landscape and to guide landscape design and planning projects.

199 **Undergraduate Open Seminar** credit: 1 to 5 hours.

May be repeated.

212 **Water and Society** credit: 3 hours.

A comparative investigation of built landscapes and hydraulic resources through history. Examines problems of water scarcity, abundance and changes in ecology, human social organization, economy, law, and cultural values related to natural water conditions and human management. Comparative case studies include the ancient Near East and modern Middle East, ancient and modern Egypt, the Roman empire, Peru, the Netherlands, South Asia, Illinois River basin, and the American West.

This course satisfies the General Education Criteria for a Hist&Philosoph Perspect, and Western Compary Cult course.

215 **Buildings, Land and Culture** credit: 3 hours.

Introduction to the study of ordinary American landscapes and buildings. Considers everyday places as reflections of cultural values and asks why they look and function as they do. Topics approached through historical and thematic analysis. Same as ARCH 215.

This course satisfies the General Education Criteria for a Western Compary Cult course.

218 **S Asian Cultural Landscapes** credit: 3 hours.

Survey of Hindu, Buddhist, and Islamic landscapes of South Asia. Examines urban structures, building typologies, and open space types through history as influenced by concepts of the natural, sacred, political, and social. Same as ASST 218.

This course satisfies the General Education Criteria for a Literature and the Arts, and Non-Western Cultures course.

220 **Exploring African Cities** credit: 3 hours.

Examines the buildings, landscapes, and societies of pre-colonial, sub-Saharan African cities from the third century BCE until the nineteenth century CE. Same as ANTH 223.

This course satisfies the General Education Criteria for a Hist&Philosoph Perspect, and Non-Western Cultures course.

222 **Islamic Gardens & Architecture** credit: 3 hours.

Study of the formation, history, and meaning of the landscape and architecture of the Islamic world.

This course satisfies the General Education Criteria for a Hist&Philosoph Perspect, and Non-Western Cultures course.

233 **Foundation Design Studio** credit: 5 hours.

Introduction to the fundamentals of design, including studies in two- and three-dimensional abstract and applied problems, basic elements and procedures of design, and principles of landscape composition. Open to Landscape Architecture majors only. Prerequisite: Credit or concurrent registration in LA 280 or consent of instructor.

234 **Site Design Studio** credit: 5 hours.

Site as the fundamental unit of landscape design. Involves ecological, cultural and experiential understanding of sites, and the creation of place-specific designs. Field trip required; see Class Schedule for current fees.

Prerequisite: LA 233 or consent of instructor.

241 **Landform Design & Construction** credit: 3 hours.

Introduction to landform design, drainage, stormwater management, surveying, and materials. Prerequisite: MATH 014 or 016.

242 **Nature and American Culture** credit: 3 hours.

Same as HIST 282, RST 242, and NRES 242. See RST 242.

This course satisfies the General Education Criteria for a Western Compартv Cult course.

244 **Sci-Values of Envt Decisions** credit: 3 hours.

Same as RST 244 and NRES 244. See RST 244.

250 **Environmental Site Analysis** credit: 3 hours.

Principles and practices of identifying, analyzing, and recording landscape resources. Field trip required; see Class Schedule for current fees. Prerequisite: GEOL 101 or GEOG 103 or consent of instructor.

This course satisfies the General Education Criteria for a Physical Sciences course.

270 **Behavioral Factors in Design** credit: 3 hours.

Introduces the impacts of cultural and social factors, such as age, gender, physical ability, economic status, ethnicity and how people interact with the environment. Reading assignments, short exercises, field trips, and evaluation of space will enable students to evaluate and potentially design more socially and ecologically responsive environments.

280 **Design Communications I** credit: 3 hours.

Fundamentals of visual communication in the design process and presentation for landscape architecture. Includes freehand and constructed drawing, color, media, and models. Open to Landscape Architecture majors only.

Prerequisite: Concurrent registration in LA 233.

281 **Design Communications II** credit: 3 hours.

Advanced principles and techniques of visual communication in landscape architectural rendering, emphasizing computer-based techniques. Open to Landscape Architecture majors only. Prerequisite: Concurrent registration in LA 234; completion of LA 280 and completion of campus Composition I general education requirement or consent of instructor.

This course satisfies the General Education Criteria for a Advanced Composition course.

301 **Senior Honors** credit: 1 to 6 hours.

Independent guided study and research in a selected area of landscape architecture; for candidates for honors in landscape architecture. May be repeated to a maximum of 9 hours. Prerequisite: Senior standing in landscape architecture, a university grade-point average of 3.0, and consent of head of department.

314 **History of World Landscapes** credit: 3 hours.

Analysis of the development of landscape architecture as a result of environmental and cultural influences. Same as ARCH 314.

This course satisfies the General Education Criteria for a Hist&Philosoph Perspect, and Western Compартv Cult course.

315 **History of Modern Lndscape Arch** credit: 3 hours.

A selected overview of developments in landscape architecture in the western world from 1900 to the present.

Prerequisite: LA 314.

335 **Community & Open Space Studio** credit: 5 hours.

Development of design solutions at site and master plan scale relative to community, urban and open space problems; emphasizes development of analysis and design techniques to integrate physical context of place with social context. Field trip required; see Class Schedule for current fees. Prerequisite: LA 234 or consent of instructor.

336 **Design Workshop Studio I** credit: 5 hours.

Project design at various scales utilizing problems of a wide range of complexity and subject matter; rural, community, and urban problems, housing, recreation, and natural areas; emphasizes problem analysis and generation of innovative design alternatives. Students select from several sections depending on specific interests.

Prerequisite: LA 335 or consent of instructor.

342 **Site Engineering** credit: 4 hours.

Principles of site engineering including landform design, stormwater management, site surveying, circulation

systems and site utility planning. Prerequisite: LA 241 and college trigonometry; or consent of instructor.

343 **Landscape Construction** credit: 4 hours.

Construction methods, materials, and procedures related to the design of landscape structures; development of design details and cost estimating. Prerequisite: LA 342 or consent of instructor.

345 **Professional Internship** credit: 0 to 12 hours.

Professionally supervised field experience in design offices and public agencies intended to introduce students to practice. Students work in the department-approved firm or agency of their choice. Fifty hours of employment is required for each one hour of course credit. Approved for S/U grading only. May be repeated to a maximum of 24 hours. Prerequisite: Upper division undergraduate standing or consent of instructor.

346 **Professional Practice** credit: 2 hours.

Study of the profession of landscape architecture including an introduction to modes of practice, career evolution, organizational theory, office procedures, project management and professional ethics. Field trip required; see Class Schedule for current fees. Prerequisite: Junior standing or consent of instructor.

390 **Independent Study** credit: 1 to 6 hours.

Supervised independent study, research, or special project in a selected area related to landscape architecture. May be repeated to a maximum of 9 hours. Prerequisite: Junior or senior standing; consent of instructor and head of department prior to advance enrollment and registration.

399 **Off-Campus Study** credit: 0 to 15 hours.

Provides campus credit for off-campus study. (Summer session, 0 to 6 undergraduate hours). Final determination of appropriate credit is made by a faculty review committee upon completion of the student's work. Maximum credit, 15 hours (summer session, 6 hours), all of which must be earned within one term. Approved for both letter and S/U grading. Prerequisite: Junior standing; prior review and approval of the student's written proposal by a faculty committee and the department head.

425 **Hist Geog Amer Land to 1880** credit: 4 hours.

Same as GEOG 425. See GEOG 425.

426 **Hist Geog Amer Land Since 1880** credit: 4 hours.

Same as GEOG 426. See GEOG 426.

427 **Amer Vernacular Cultural Land** credit: 4 hours.

Same as GEOG 427. See GEOG 427.

437 **Regional Design Studio** credit: 5 or 6 hours.

Ecological design and planning studio emphasizing team approaches to design development and evaluation using current human and environmental research results. Projects require field work, analysis, problem-solving, and advanced design and presentation products. 5 undergraduate hours. 6 graduate hours. Prerequisite: LA 336 or consent of instructor.

438 **Design Workshop Studio II** credit: 3 to 6 hours.

Project design at various scales utilizing problems of a wide range of complexity and subject matter; rural, community, and urban problems, housing, recreation, and natural areas; and emphasizes problem analysis and generation of innovative design alternatives. The student selects from several sections depending on specific interests. 5 undergraduate hours. 3 to 6 graduate hours. Prerequisite: LA 336 or consent of instructor.

441 **Land Resource Evaluation** credit: 4 hours.

Examines concepts for the value of land, land resource problems and policy responses, methods for evaluating land resource development and policy alternatives, and case studies of land resource evaluation. Same as UP 441. Prerequisite: Graduate standing or consent of instructor.

- 444 **Social Impact Assessment** credit: 3 or 4 hours.
Same as ENV5 444, RST 444, NRES 444, RSOC 444, and UP 444. See RST 444.
- 450 **Ecology for Land Restoration** credit: 3 or 4 hours.
Ecological implications of alternative land use patterns; equipment, field techniques, and nomenclature in current use by environmental consultants; and elements of a baseline ecosystem study. Prerequisite: Consent of instructor.
- 452 **Natural Precedent in Planting** credit: 3 hours.
Biogeography; identification of native species, uses of native plants in the landscape; and restoration and planting design projects. Field trips required. Prerequisite: HORT 302 or consent of instructor.
- 453 **Cultural Precedent in Planting** credit: 3 hours.
Planting design issues; historic precedent and contemporary comprehensive design projects; management practices; technical documents; and plant use and identification. Field trips required. Prerequisite: LA 452.
- 454 **Landscape Archaeology** credit: 3 or 4 hours.
Same as ANTH 453. See ANTH 453.
- 460 **Heritage Management** credit: 3 or 4 hours.
Same as ANTH 460. See ANTH 460.
- 470 **Social/Cultural Design Issues** credit: 3 hours.
Critical discussion of notions and theories pertaining to the reciprocal effects of landscape architectural design and human behavior.
- 472 **Museum Theory and Practice** credit: 3 or 4 hours.
Same as ANTH 462 and ARTH 462. See ANTH 462.
- 501 **Landscape Arch Theory & Prac** credit: 2 hours.
Seminar to introduce the discipline, profession, and practice of landscape architecture. Emphasis is on understanding the skills and knowledge base of the profession including environmental, social, and historical factors in design.
- 505 **Methods in Arch & LA History** credit: 2 to 4 hours.
Seminar on the historiography of architectural and landscape history, including an introduction to the major concepts and figures in the discipline, past and present. Students will learn of approaches historians have used for analyzing the built environment from traditional methods to newer interpretive frameworks, and examine how contemporary values determine or inform the writing of history.
- 506 **Landscape and Vision** credit: 4 hours.
A study of the major 20th-century texts on vision, perception, and perspective as applied to architecture and landscape. Prerequisite: Doctoral students only; master's level students must receive permission from instructor.
- 513 **History of World Landscapes** credit: 4 hours.
Introduction to the landscape architectural heritage of the past in its social, environmental and historical context. Same as ARCH 510.
- 515 **Hist & Thry of Modrn Land Arch** credit: 4 hours.
A selected overview of developments in landscape architecture in the western world from 1900 to the present. Prerequisite: LA 513 or approval of instructor.
- 517 **Land and Society** credit: 4 hours.
Historical and cross-cultural investigation of the use, shaping, and perception of the land-based environment; case studies, critical problems and issues, and theories of social-environmental interaction. Prerequisite: Consent of instructor.

537 **Landscape Plan & Design Studio** credit: 6 hours.

Ecological design and planning studio emphasizing design that reflects evaluation and integration of human and environmental research results. Detailed investigation of design options. Prerequisite: LA 441 and LA 450, or consent of instructor.

540 **Public Involvement in Res Mgmt** credit: 3 to 4 hours.

Same as ENVS 540, RST 540, NRES 540, RSOC 540, and UP 540. See NRES 540.

542 **Landscape Modeling** credit: 4 hours.

Computational representations and modeling of landscape processes and solution methods for problems involving the special arrangement of land use activities: estimation, simulation and optimization methods, their effectiveness, efficiency; and application. Same as UP 542. Prerequisite: LA 441 or consent of instructor.

550 **Environ. Impact Assessment** credit: 4 hours.

Requirements of the National Environmental Policy Act and Guidelines from the Council on Environmental Quality for preparing and writing environmental impact statements; includes interdisciplinary team efforts and impact assessment techniques. Prerequisite: Graduate or law school standing, or consent of instructor.

562 **Social Construction of Space** credit: 4 hours.

Same as ANTH 557. See ANTH 557.

563 **Soc/Beh Research Designed Env** credit: 4 hours.

Same as ARCH 563. See ARCH 563.

565 **Design/Behavior Studio** credit: 6 hours.

Development of site or project scale design emphasizing the integration of user needs and behavioral factors. Same as ARCH 565. May be repeated to a maximum of 12 hours. Prerequisite: LA 564 or consent of instructor.

583 **Environ History Cities&Regions** credit: 4 hours.

Same as GEOG 583 and UP 583. See UP 583.

587 **Graduate Seminar** credit: 2 to 4 hours.

Preparation, presentation, and discussion of research papers on current and future areas of landscape architectural application. May be repeated. Prerequisite: Consent of instructor.

590 **Directed Research** credit: 2 to 8 hours.

Nature and scope of projects to be determined by consultation between student and faculty adviser; open to landscape architecture majors as well as those from other disciplines who wish to engage in interdisciplinary work. Approved for both letter and S/U grading. May be repeated. Prerequisite: Consent of instructor.

593 **Islamic & S Asian Landscapes** credit: 4 hours.

Topics in Islamic and South Asian cultural landscape history, including historiography, methodology and recent scholarship. An advanced course that requires disciplinary familiarity with research on the built environment, material culture and visual culture. May be repeated to a maximum of 8 hours per semester; may be repeated to a maximum of 12 total hours.

594 **Cultural Heritage Landscapes** credit: 2 or 4 hours.

Topics in cultural landscape heritage, conservation planning and design. Investigates theories of landscape, heritage, and their intersections, with readings drawn from anthropology, geography, and landscape studies, as well as applied work on historical landscape conservation, preservation and management. May be repeated to a maximum of 10 hours per semester; may be repeated to a maximum of 16 total hours. Prerequisite: Concurrent enrollment in LA 438 may be required in the spring semester; check Class Schedule.

598 **Master's Project** credit: 0 to 8 hours.

Major independent or small-group project synthesizing knowledge from previous coursework. Approved for both letter and S/U grading. Prerequisite: Consent of instructor and program adviser.

599 ***Thesis Research*** credit: 0 to 16 hours.

May be repeated. Approved for S/U grading only. Prerequisite: Graduate standing in landscape architecture.