

L A N D



The Oval at Colorado State University

Landscape Architecture is a licensed professional discipline concerned with the planning and spatial design of landscapes. Its practitioners work at all scales—from that of the home garden to corporate sites, parks, greenways, communities, mines, national parks and forests—to plan, design, and specify construction for changes to land and water areas. These changes may include ecological restoration of disturbed land, human development and settlement of land, or further improvements and beautification of occupied land. The work of landscape architects is to organize and give character to the future managed or constructed landscape, bringing the same skills to the shaping of land, and service to the client, as an architect brings to a building.

Education

At the core of the profession, knowledge gained in the arts and sciences enables landscape architects to recommend appropriate physical forms of human engagement with the landscape. To understand the interactions between people and land, students of landscape architecture learn to understand the nature of the earth's past and present physical and biological systems and their behavior, together with the nature of humans as individuals and communities. Coursework in behavioral, natural, and social sciences, design theory and history, spatial design communication, data processing technology, construction practices and administration, and professional practice provide students with the skills, knowledge, and values to plan, design, and specify construction of landscapes.

Views

Embodied in the ethics of landscape architecture is the ecological notion of the deep interrelatedness of all living things on the planet with the environments that sustain them, including humans and their settlements. Landscape architects therefore tend to take the “long view” of most issues associated with human land use, looking well into the past and the future as a guide to recommending landscape change. The long view, of course, applies at all scales.

Practice

Most landscape architects find employment in firms offering professional planning and design services to corporations, governments, institutions, and individuals, including residential homeowners. In these firms there is often a high degree of collaboration with natural and social scientists, architects, engineers, city planners, and others in the preparation of plans and designs. Landscape architects also represent the interests of land owners in planning, designing, and specifying construction of improvements to their land. They observe construction progress to assure that it is proceeding according to plan, advising the owner of discrepancies in quality and quantity of the contracted work. Landscape architects may be self-employed in these activities. A great many also find work in the public sector in municipal and regional open space, parks or planning agencies, national parks, national forests, and other federal land management agencies. Those who go on to pursue a second professional degree at the master's or Ph.D level will also find academic and research employment opportunities.



LAND

BACHELOR OF SCIENCE IN LANDSCAPE ARCHITECTURE

		credits	semester	AUCC category
YEAR 1				
LAND110	Introduction to Landscape Architecture	3	F	
LAND230	Drawing the Landscape	4	F	
CO150	College Composition	3	F S SS	1A
Arts and Humanities	(Select from category 3B)	3	F S SS	3B
MATH	(Select from category 1B, MATH130 will NOT satisfy)	2	F S SS	1B
MATH126	Analytical Trigonometry	1	F S SS	1B
BZ120	Principles of Plant Biology	4	F S SS	3A
LAND120	History of the Designed Landscape	3	S	
LAND240	Fundamentals of Landscape Design Process	4	S	
LAND241	Environmental Analysis	3	S	
YEAR ONE TOTAL		30		
YEAR 2				
LAND220	Fundamentals of Ecology	3	F	
LAND360	Basic Landscape Design and Construction	3	F	4A
LAND361	Digital Methods	3	F	
Global and Cult. Awareness	(Select from category 3E)	3	F S SS	3E
CHEM107	Fundamentals of Chemistry	4	F S SS	3A
GEOL120 or GEOL122	Exploring Earth (+ GEOL121) – or – The Blue Planet (+ GEOL121)	3	F S SS	3A
GEOL121	Introductory Geology Laboratory	1	F S SS	3A
PSY100	General Psychology	3	F S SS	3C
LAND362	Form and Expression in Garden Design	3	S	4B
LAND363	Advanced Landscape Site Engineering	4	S	
YEAR TWO TOTAL		30		
SUMMER EXPERIENCE - after year two (select one course)				
LAND454	Landscape Field Studies	5	SS	
LAND455 (any summer)	Landscape Architecture Study Abroad - Europe	5	SS	
NR220	Natural Resources Ecology and Measure	5	SS	
SUMMER EXPERIENCE TOTAL		5		
Summer Studios - LAND357 and LAND376 = fast track to graduation (see Landscape Architecture Professor Brad Goetz)				
YEAR 3				
LAND364	Design and Nature	4	F	
LAND365	Landscape Contract Drawing and Specifications	3	F	
LAND444	Ecology of Landscapes	3	F	
ECON202 or AREC202	Principles of Microeconomics – or – Ag. and Resource Economics	3	F S SS	3C
NR319 or NR323	Geospatial Applications – or – Remote Sensing of Nat. Resources	4 or 3	F S	
PHIL345	Environmental Ethics	3	F S	
SOCR240	Introductory Soil Science	4	F S	
SPCM200	Public Speaking	3	F S SS	2A
LAND366	Landscape Design Expression	4	S	
YEAR THREE TOTAL		30-31		
YEAR 4				
LAND392	Seminar – Designed Landscapes Theory and Criticism	2	F	
LAND446	Urban Design	4	F	
BZ223 or HORT221	Plant Identification or Landscape Plants	3 or 4	F S	
Advanced Writing	Effective Fall 2008, entering students (Category 2B, 300 level)	3	F S SS	2B
Arts and Humanities	(Select from category 3B)	3	F S SS	3B
Historical Perspectives	(Select from category 3D)	3	F S SS	3D
Electives	Free Electives	4	F S SS	
LAND368	Landscape Irrigation and Water Conservation	3	S	
LAND447	Comprehensive Landscape Design	4	S	4C
LAND449	Professional Practice	1	S	4C
YEAR FOUR TOTAL		30-31		
CURRICULUM TOTAL		125-127		
Advanced Technology Opportunity (Senior Standing)				
LAND510	Virtual Design Methods	3	F	
LAND520	Geographical Information Systems	3	S	