

# LAND



## *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.

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## LANDSCAPE ARCHITECTURE CURRICULUM

		credits	semester	category
<b>YEAR 1</b>				
LAND110	Introduction to Landscape Architecture	3	F	
CO150	College Composition	3	F S SS	1A
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
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	3A
PH110	Descriptive Physics	3	F S	3A
Global and Cult. Awareness	(Select from category 3E)	3	F S SS	3E
LAND120	History of the Designed Landscape	3	S	
<b>YEAR ONE TOTAL</b>		<b>26</b>		
<b>YEAR 2</b>				
LAND220	Fundamentals of Ecology	3	F	
LAND230	Drawing the Landscape	4	F	
CHEM107	Fundamentals of Chemistry	4	F S SS	3A
PSY100	General Psychology	3	F S SS	3C
Arts and Humanities	(Select from category 3B)	6	F S SS	3B
SPCM200	Public Speaking	3	F S SS	
LAND240	Fundamentals of Landscape Design Process	4	S	
LAND241	Environmental Analysis	3	S	
<b>YEAR TWO TOTAL</b>		<b>30</b>		
<b>YEAR 3</b>				
LAND360	Basic Landscape Design and Construction	3	F	4A
LAND361	Digital Methods	3	F	
LAND444	Ecology of Landscapes	3	F	
ECON202 or AREC202	Principles of Microeconomics – or – Ag. and Resource Economics	3	F S SS	3C
SOCR240	Introductory Soil Science	4	F S	
BZ223 or HORT221	Plant Identification or Landscape Plants	3 or 4	F S	
LAND362	Form and Expression in Garden Design	3	S	4B
LAND363	Advanced Landscape Site Engineering	4	S	
<b>YEAR THREE TOTAL</b>		<b>26-27</b>		
<b>SUMMER EXPERIENCE - after year three, choose one from:</b>				
LAND454	Landscape Field Studies	5	SS	
LAND455 (any summer)	Landscape Architecture Study Abroad - Europe	5	SS	
NR220	Natural Resources Ecology and Measure	5	SS	
<b>SUMMER EXPERIENCE TOTAL</b>		<b>5</b>		
Summer Studios - LAND357 and LAND366 = fast track to graduation (see Landscape Architecture Key adviser)				
<b>YEAR 4</b>				
LAND364	Design and Nature	4	F	
LAND365	Landscape Contract Drawing and Specifications	3	F	
PHIL345	Environmental Ethics	3	F	
Electives	Free Electives	3	F S SS	
Historical Perspectives	(Select from category 3D)	3	F S SS	3D
LAND366	Landscape Design Expression	4	S	
LAND368	Landscape Irrigation and Water Conservation	3	S	
<b>YEAR FOUR TOTAL</b>		<b>23</b>		
<b>YEAR 5</b>				
LAND392	Seminar – Designed Landscapes Theory and Criticism	2	F	
LAND446	Urban Design	4	F	
NR319 or NR323	Geospatial Applications – or – Remote Sensing of Nat. Resources	4 or 3	F S	
Advanced Writing	Effective Fall 2008, entering students (Category 2B, 300 level)	3	F S SS	2B
LAND447	Comprehensive Landscape Design	4	S	4C
LAND449	Professional Practice	1	S	4C
Electives	Free Electives	6	F S SS	
<b>YEAR FIVE TOTAL</b>		<b>23-24</b>		
<b>CURRICULUM TOTAL</b>		<b>133-135</b>		
<b>Advanced Technology Opportunity (Senior Standing)</b>				
LAND510	Virtual Design Methods	3	S (even years)	
LAND520	Geographical Information Systems	3	S (odd years)	