

# Landscape Architecture

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The Landscape Architecture program is one of approximately 63 accredited programs in the United States. The curriculum is reviewed periodically by the nationally organized Landscape Architecture Accreditation Board and has been fully accredited since 1991.

Landscape architects provide a wide variety of professional services for individual clients, organizations, corporations, and government agencies. They are involved at every phase of the development of a site, from the initial discussion of ideas with the client through the supervision of construction for the project.

Master planning of parks, zoos, golf courses, playgrounds, and recreation areas are familiar projects for landscape architects. They may also design multifunctional areas for urban renewal projects, college campuses, industrial parks, new communities, natural areas, reclaimed lands, and wetlands.

Besides designing sites, landscape architects often select building locations, prepare cost estimates, initiate long-range planning studies, determine utility corridors, and prepare environmental impact statements for future construction. Whether specializing within a large firm of landscape architects or working in a small professional office, the landscape architect is often collaborating with other professionals, such as engineers, city planners, and architects.

Most landscape architects spend some of their time at the drawing board or computer. They also spend many hours in the field, investigating and analyzing potential project sites, developing field notes for design layouts, completing visual surveys, and supervising construction. It is at the computer and drawing board that projects are actually organized and shaped into a creative and imaginative solution. The work and responsibility of each landscape architect depends principally on individual interests and abilities. Opportunities may range from professional practice on a small scale to administration of governmental programs.

Those who plan careers in landscape architecture should be able to work independently, have a capacity for solving technical problems, be artistically inclined, and be willing to learn computer use. They should be prepared to work in the competitive environment of the profession, where great value is placed on leadership and the ability to work effectively with others. The range of interests and knowledge required in the profession of landscape architecture is broad; therefore, the courses required of students include many fields of study options.

## Selective Admission

Admission into the first-year Pre-Landscape Architecture program is open to any student enrolled at NDSU. Transfer students are evaluated on the basis of courses taken and grades received. Upon completion of the first year, a selected number of students are admitted to the second year of the program. The basis for selection is institutional GPA and performance in first-year environmental design courses.

## Special Notice

Students in the second year of the program will be required to purchase a laptop computer. Information on type of computer, software, purchase, and financing arrangements will be distributed to students prior to purchase.

## Major Requirements

### Major: Landscape Architecture

**Degree Types:** B.S. (Environmental Design) & B.L.A. (Bachelor of Landscape Architecture)

**Required Degree Credits to Graduate:** B.S. - 130; B.L.A. - 160

### General Education Requirements for Baccalaureate Degree

- A list of approved general education courses is available here (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).
- General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review the major, minor, and program emphases requirements for minimum grade restrictions, should they apply.

Code	Title	Credits
<b>Communication (C)</b>		12
ENGL 110	College Composition I	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Upper Division Writing <sup>†</sup>		
<b>Quantitative Reasoning (R) <sup>†</sup></b>		3
<b>Science and Technology (S) <sup>†</sup></b>		10
<b>Humanities and Fine Arts (A) <sup>†</sup></b>		6

<b>Social and Behavioral Sciences (B) <sup>†</sup></b>	6
<b>Wellness (W) <sup>†</sup></b>	2
<b>Cultural Diversity (D) <sup>*†</sup></b>	
<b>Global Perspectives (G) <sup>*†</sup></b>	
Total Credits	39

\* May be satisfied by completing courses in another General Education category.

† May be satisfied with courses required in the major. Review major requirements to determine if a specific upper division writing course is required.

## Major Requirements

Code	Title	Credits
<b>Environmental Design Requirements</b>		
ANTH 111	Introduction to Anthropology (May satisfy general education category B and D)	3
ARCH 321	History and Theory of Architecture I (May satisfy general education category A and G)	3
ENVD 101	Introduction to Environmental Design (May satisfy general education category A)	3
ENVD 130	Drawing Skills for Environmental Designers	3
ENVD 172	Environmental Design Fundamentals Studio	3
LA 231	Landscape Architecture Graphics	3
LA 232	Design Technology	3
LA 271	Introduction to Landscape Architecture Studio	6
LA 272	Parks & Open Spaces Studio	6
LA 322	History of Landscape Architecture	4
LA 331	Graphics III: Design Communication	3
LA 341	Site Development and Detailing I	4
LA 342	Site Development and Detailing II	4
LA 371	Site Planning & Design Studio	6
LA 372	Community Planning & Design Studio	6
LA 441	Site Development and Detailing III	4
LA 471	Urban Design Studio	6
LA 472	Remediation & Planting Design Studio	6
LA 552	Advanced Landscape Planning	3
PLSC 355	Woody Landscape Plants	3
PSYC 111 or SOC 110	Introduction to Psychology (May satisfy general education category B) Introduction to Sociology	3
<b>Landscape Design Requirements</b>		
LA 563	Programming and Thesis Preparation	3
LA 571	Environmental Planning Studio	6
LA 572	Design Thesis (Capstone) A grade of "C" or better is required)	8
LA 581	Professional Practice	3
LA 590	Seminar	3
Total Credits		108

## Degree Requirements and Notes

- A student must complete at least 60 semester credits of professional level course work in his/her program while in residence and enrolled in the college. Students transferring into the college from programs with professional accreditation are exempt from this residency requirement but are subject to the residency requirement of NDSU.
- Transfer courses with grades of 'D' will count towards total graduation credits but will not satisfy specific degree requirements.

## Minor Requirements

### Landscape Architecture Minor

#### Minor Requirements

Required Credits: 19

Code	Title	Credits
<b>Core Courses</b>		
LA 231	Landscape Architecture Graphics	3
LA 271	Introduction to Landscape Architecture Studio	6
<b>Electives: Select ten credits of the following:</b>		10
LA 232	Design Technology	
LA 272	Parks & Open Spaces Studio	
LA 322	History of Landscape Architecture	
LA 341	Site Development and Detailing I	
LA 342	Site Development and Detailing II	
LA 441	Site Development and Detailing III	
Total Credits		19

#### Minor Requirements and Notes

- A minimum of 8 credits must be taken at NDSU.
- Architecture majors may substitute 6 credits of other LA courses in the core area. A substitution form signed by the LA department chairperson will be required to submit to the Office of Registration and Records for these substitutions.
- The studio is not required for architecture majors.

## Plan of Study

First Year			
Fall	Credits	Spring	Credits
ENVD 101	3	ENVD 104	1
ENVD 102	1	ENVD 172	3
ENVD 130	3	ENGL 120	3
ENGL 110	4	COMM 110	3
Science/Tech General Education Requirement	3	ANTH 111	3
PSYC 111 or SOC 110	3	Quantitative Reasoning Requirement	3
		Wellness Requirement	3
			17
			19
Second Year			
Fall	Credits	Spring	Credits
LA 271	6	LA 272	6
LA 231	3	LA 232	3
ARCH 321	3	LA 322	4
PLSC 355	3	Science/Tech General Education Requirement	3
			15
			16
Third Year			
Fall	Credits	Spring	Credits
LA 371	6	LA 372	6
LA 341	4	LA 342	4

LA 331	3	ENGL 326 or 357	3
Science General Education Requirement	3	Elective/Minor	3
Science Lab General Education Requirement	1		
	17		16
<b>Fourth Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
LA 471	6	LA 472 or ARCH 474	6
LA 552	3	LA 441	4
Elective/Minor	4	LA 590	3
Elective/Minor	3	Elective/Minor	3
	16		16
<b>Fifth Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
LA 571	6	LA 572	8
LA 563	3	Elective/Minor	3
LA 581	3	Elective/Minor	3
Elective/Minor	3		
	15		14

Total Credits: 161