

# Environmental Design

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## Department Information

- **Department Location:**  
Renaissance Hall
- **Department Phone:**  
701-231-6151
- **Department Web Site:**  
[www.ndsu.edu/landscapearchitecture/](http://www.ndsu.edu/landscapearchitecture/) (<http://www.ndsu.edu/landscapearchitecture/>)
- **Credential Offered:**  
B.S.
- **Official Program Curriculum:**  
[catalog.ndsu.edu/undergraduate/program-curriculum/environmental-design/](http://catalog.ndsu.edu/undergraduate/program-curriculum/environmental-design/) (<http://catalog.ndsu.edu/undergraduate/program-curriculum/environmental-design/>)

Environmental Design is broad-spectrum profession that incorporates many disciplines. The bachelor of science in environmental design is preparation for the Master of Landscape Architecture graduate program. Students begin by completing the Bachelor of Science degree with a major in environmental design. Successful performance in the coursework leads to placement in the Master of Landscape Architecture program. A successful student typically completes the undergraduate degree and the professional Master of Landscape Architecture degree in 5 years.

Environmental Design for today and tomorrow, is a primer for architecture and landscape architecture and planning is covered in the following topics: introduction to environmental design, relationship to the environment: climate, land, water, communication with design, spatial relationships, color theories in design, form and geometries, materials and sustainability, natural materials/sustainable materials, design process', space articulation, historical relationships, social aspects of design, style and individuality, and client's concerns. How does conservation, remediation and sustainability play a role? Does technology change our thinking? How do we accommodate the world's growing population; carrying capacity beyond limits? Questions as these are explored in our educational process.

## Career Opportunities

The majority of environmental designers continue on with their education to become landscape architects. Many work for landscape architecture services and firms, engineering, architecture and planning companies. Within all these job possibilities exists the opportunity to apply the ethical imperatives of conservation, remediation and sustainability to increasing challenges of energy requirements.

## High School Preparation

We suggest that students take high school courses in digital drawing and animation, art, perhaps drawing from life, math and science courses such as calculus, trigonometry, physics and biology. And, if possible, we encourage high school students to take advanced placement or college credit courses that fulfill NDSU General Education requirements.

## Sample Program Guide

**IMPORTANT DISCLAIMER:** A Sample Program Guide provides an unofficial guide of program requirements and should be used by prospective students who are considering attending NDSU in the future. It is NOT an official curriculum and should NOT be used by current NDSU students for official degree planning purposes. Note that the official curriculum used by current NDSU students can vary from the Sample Program Guide due to a variety of factors such as, but not limited to, start year, education goals, transfer credit, and course availability.

To ensure proper program completion, enrolled students should utilize Degree Map (<https://www.ndsu.edu/registrar/degreemap/>) and Schedule Planner (<https://www.ndsu.edu/onestop/degree-map-and-planning/>) in Campus Connection and consult regularly with their academic advisor to ensure requirements are being met.

First Year			
Fall	Credits	Spring	Credits
ENVD 101		3 ENVD 104	1
ENVD 102		1 ENVD 172	3
ENVD 130		3 ENGL 120	3
ARCH 321		3 COMM 110	3
ENGL 110		3 ANTH 111	3
PSYC 111 or SOC 110		3 Gen Ed Quantitative Reasoning	3

		Gen Ed Wellness		2
		<b>16</b>		<b>18</b>
<b>Second Year</b>				
Fall	Credits	Spring	Credits	
LA 231		3 LA 232		3
LA 271		6 LA 374		6
LA 321		4 Gen Ed Science & Tech		3
PLSC 355		3 Gen Ed Science & Tech		3
		Elective or Minor Requirement		3
		<b>16</b>		<b>18</b>
<b>Third Year</b>				
Fall	Credits	Spring	Credits	
LA 331		3 LA 442		4
LA 341		4 ENGL 326 or 357		3
LA 371		6 Elective or Minor Requirement		3
Gen Ed Science & Tech with Lab		4 LA 372		6
		<b>17</b>		<b>16</b>
<b>Fourth Year</b>				
Fall	Credits	Spring	Credits	
LA 471		6 LA 472 or ARCH 474		6
Elective or Minor Requirement		3 LA 444		4
Elective or Minor Requirement		3 LA 421		3
Elective or Minor Requirement		3		
		<b>15</b>		<b>13</b>
<b>Total Credits: 129</b>				