Environmental Design

Department Information

- **Department Location:**
  Renaissance Hall
- **Department Phone:**
  701-231-6151
- **Department Email:**
  ndsu.ala@ndsu.edu
- **Department Web Site:**
  www.ndsu.edu/ala/ (http://www.ndsu.edu/ala/)
- **Credential Offered:**
  B.S.
- **Official Program Curriculum:**
  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.