

# Architecture

---

ala.ndsu.edu/

**Department Chair:** Dr. David Bertolini

**Graduate Coordinator:** Cindy Urness

**Department Location:** Renaissance Hall

**Telephone Number:** (701) 231-6151

**Degree Offered:** Master of Architecture (M.Arch.)

**Application Deadline:** February 1 for fall semester, portfolio required

**English Proficiency TOEFL:** 80

**Requirements:** IELTS: 6.5

---

## Program Description

NDSU offers a 5-year NAAB accredited, first-professional Master of Architecture degree program housed primarily in a beautifully-restored historic industrial building in downtown Fargo, which has emerged as an exciting, student-oriented urban district. Students entering the graduate program in architecture come directly from the NDSU pre-professional Bachelor of Science in Architectural Studies program. The curriculum includes field trips to cities across the country and is supported by a professionally-staffed wood shop, digital media labs, and laser cutters and 3D printing for model-making. Both traditional and digital media are emphasized. An optional semester abroad, plus foreign study tours during summers are offered.

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may require a pre-professional undergraduate degree in architecture for admission. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

North Dakota State University's Architecture program offers the following NAAB-accredited degree program:

- M.Arch. (pre-professional degree + 32 graduate credits)  
Next accreditation visit: 2018

## Admission Requirements

- Students currently enrolled in the 4-year pre-professional degree at NDSU may apply to the Master of Architecture program.
- Candidates must have earned a cumulative grade point average of 3.0 to be considered for full graduate standing.

## Curriculum

Click here for the latest information on the Curriculum ([http://www.ndsu.edu/ala/architecture/Degree\\_curriculum.php](http://www.ndsu.edu/ala/architecture/Degree_curriculum.php))

Click here for course descriptions. (<http://www.ndsu.edu/bulletin/courses>)

### **Bakr Mourad AlyAhmed, Ph.D.**

Virginia Tech, 2002

Creative/Research Interests: Beach Resort Design, Sustainable Design Modeling, Eco-Tourism Development, Building Capacity Measures, Advanced Environmental Planning.

### **Mark Barnhouse, M.Arch.**

Pratt Institute, 1988

Creative/Research Interests: Water Resources and the Built Environment, and the Graphic Interpretation of Parametric Data about the Built Environment.

### **David Bertolini, PhD, AIA, Chair**

Temple University, 2007

Creative/Research Interests: Architecture and film theory, Ideology and Aesthetics

### **Darryl Booker, M.Arch.**

University of Colorado, 1980

Creative/Research Interests: Sustainable Design, Ethics & Built Environment, Appropriate Technology

### **Michael Christenson, M.Arch.**

University of Minnesota, 1997

Creative/Research Interests: Commonalities between architectural analysis and design; iterative processes; parametric modeling.

### **David Crutchfield, M.Arch.**

University of Texas at Austin, 2004

Creative/Research Interests: Sustainable Design, as the interrelation of nature, economics, equity, and aesthetics; Critical evaluation methods of green design; Innovations and analysis in passive design

### **Don C. Faulkner, M.Arch.**

University of Utah, 1975

Creative/Research Interests: Urban Design, Building Community and Public Engagement

### **Dominic L. Fischer, MLA, PLA**

City College of New York, 2011

Creative/Research Interests: Landscape Architecture History, Environmental Planning, Urban Design, Small Urban Spaces, Historic Preservation

### **Paul H. Gleye, Ph.D.**

UCLA, 1983

Creative/Research Interests: Place-making, Historic Preservation, City Centers

### **Matthew Kirkwood, BLA, MDesS, PLA and AZA**

Creative/Research Interests: Landscape Architecture, Environmental Planning, Landscape Ecology, Construction Management and Professional Practice

### **Ganapathy Mahalingam, Ph.D.**

University of Florida, 1995

Creative/Research Interests: Computer-aided architectural design, architectural acoustics, computational modeling of design, interdisciplinary research, architectural philosophy and the Architectural Genome Project

### **Steve C. Martens, M.Arch. II**

University of Minnesota, 1988

Creative/Research Interests: Architectural Problem-Solving, Design Methods, Historic Preservation, Building Materials

**Kathleen Pepple, MFA, MCRP**

University of North Dakota, 1981;  
North Dakota State University, 1991

Creative/Research Interests: Applied research in urban agriculture, its economic influence as a local food source, and its importance as a focal point for community participation; In exploration of the possibilities of functional art within this framework, her north Fargo urban art fence expands the utility of boundaries and perimeters necessary in the context of municipal gardens and farms.

**Ronald H.L.M. Ramsay, M.Arch.**

University of Texas at Austin, 1992

Creative/Research Interests: Architectural History, Historic Preservation, the Progressive Era, Planning History, Professionalization

**Regin Schwaen, M.A.A.**

City Building , Arkitektskolen i Aarhus, 1992

Creative/Research Interests: Urban Buildings, Conceptual Models, Minimal Concrete Structures, Visual Communication

**Cindy Urness, M.Arch.**

Pratt Institute, 1988

Creative/Research Interests: Building Technology, Urban Design, Utopian Cities, Sustainable Design, Universal Design

**Joan Vorderbruggen, M.Arch.**

University of Oregon, 2009

Creative/Research Interests: Human / Nature connections, healthy & healing environments, sustainable and low impact design

**Stephen Wischer, M.Arch., MFA**

University of Calgary, 2004

Creative/Research Interests: History /Theory, Existential Philosophy, Interdisciplinary Relationships, Art, Embodied Artifacts, Process, Experience and Poetics