

Architecture

Department Information

- **Department Chair:**
Dr. David Bertolini
- **Graduate Coordinator:**
Cindy Urness
- **Department Location:**
Renaissance Hall
- **Department Phone:**
(701) 231-6151
- **Department Web Site:**
ala.ndsu.edu/
- **Application Deadline:**
February 1 for fall semester, portfolio required
- **Credential Offered:**
Master of Architecture (M.Arch.)
- **English Proficiency Requirements:**
TOEFL iBT 80; 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. Most 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. Transfer students with pre-professional or professional degrees in architecture from another school may be considered for admission to years 4 and 5 in the program, based on test scores, GPA, and portfolio review.
- 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).

Click here for course descriptions. (<http://bulletin.ndsu.edu/past-bulletin-archive/2019-20/course-catalog/descriptions/arch>)

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, Ph.D., 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: Design Education, Design Process, Quantum Thinking, Ecology and Architecture

Michael Christenson, M.Arch., AIA

University of Minnesota, 1997

Creative/Research Interests: Architectural Epistemology, Commonalities between Architectural Analysis and Design; Iterative Processes; Parametric Modeling.

David A. Crutchfield, M.Arch., AIA

University of Texas at Austin, 2004

Creative/Research Interests: Theoretical inquiry into architecture as the interrelation of Nature, Culture, and Aesthetics; Innovation, Analysis, and Critical Evaluation of Eco-social Design; Sustainable Design in professional practice

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

Heather L. Fischer, MDS-HP

Boston Architectural College, 2014

Creative/Research Interests: Architectural Drawing; Environmental Design/Planning; Historic Preservation; Public Policies; Rural/Cultural Landscapes, and Planning

Paul H. Gleye, Ph.D.

University of California Los Angeles, 1983

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

Charlott Greub, M.Arch.

Kunstakademie Düsseldorf, 1992

Creative/Research Interests: Art, Urban Planning, and Design

Matthew Kirkwood, BLA, MDesS, PLA and AZA

Harvard University, 1993

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

Kathleen Pepple, MFA, MCRP

University of North Dakota, 1981;

North Dakota State University, 1991

Creative/Research Interests: Interstices-Landscape to Architecture, wetland to forest, actual to created image/photography and painting

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, Faith and Form

Regin Schwaen, M.A.A.

City Building, Arkitektskolen i Aarhus, 1992

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

Yang Song, Ph.D.

Clemson University, 2017

Creative/Research Interests: Application of Digital Technology in Design, Parametric Design, BIM, Hydrological Modeling, GIS Mapping, and Fabrication.

Cindy Urness, M.Arch.

Pratt Institute, 1988

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

Anna-Maria Visiia, Ph.D.

University of Pennsylvania, 1996

Creative/Research Interests: History and Theory of 20th and 21st Landscape Architecture, Cultural Landscapes, Materials/Construction and Detailing, Environmentalism and Landscape Design, Contemporary Landscape Design Communications

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