



**BALL STATE  
UNIVERSITY**

## DEPARTMENT OF **ARCHITECTURE**

### **WE INSPIRE STUDENTS**

to engage the discipline of architecture with the grounding of a rigorous professional education and the confidence to innovate.

### **WE VALUE THE DIALOGUE**

between critical thinking, designing, and making as a way to advance the discourse in the profession. The faculty instill in students the power of doing and the importance of engagement in a rich variety of architectural practices. We are committed to affirming the values of social equity and environmental responsibility as they relate to the design of the built environment.



**MASTER OF**

# **Architecture**

**R. WAYNE ESTOPINAL COLLEGE OF ARCHITECTURE AND PLANNING**

# Master of Architecture



An open critique and review of work in the Ball State CAP: INDY studio.



Master of Architecture students in the Ball State CAP: INDY studio.



Historic Preservation and M.Arch dual degree students with professors in the Estopinal College of Architecture and Planning.

## Professional Degree Programs

Our graduate degree develops a student's capacity for creative, cumulative and critical thinking, design literacy, and a lifelong cultivation of design. Ball State offers two tracks for completing the master of architecture (M.Arch) professional degree, accredited by the National Architectural Accrediting Board (NAAB). Track 1 is a two-year curriculum path available for students with an undergraduate degree in architecture. Track 2 is a three-year curriculum path available for students with any undergraduate degree wishing to pursue a masters degree in architecture (M.Arch).

## Design Studios

The studio defines the core of the educational experience in the Department of Architecture. The M.Arch program offers a range of courses within a professional curriculum that inspires innovation and provides rich opportunities for a dialogue between critical thinking, designing, and making. Disciplinary issues, digital fabrication, high-performance building design, as well as environmental and social responsibility are integral to the studio discourse. Design-build studios develop skills and allow students to test ideas on a range of scales and project types.

## Assistantships and Internships

Graduate assistantships are available to qualified master's students (minimum 3.0 undergraduate GPA) and awarded to continuing master's students based on merit. Graduate assistants receive a stipend, in-state tuition, and a partial tuition waiver for their assistance in either teaching, research or service work. As a part of the Indianapolis Internship Initiative we align students with architecture firms to establish part-time work opportunities while studying at Ball State CAP:Indy Center. The student interns are available for this internship a minimum of 15-hours per week, consistently organized around scheduled classes.

## Locations in Indianapolis and Muncie

Our unique M.Arch program provides the opportunity to live, work, and learn in two contrasting cities—the large vibrant urban environment of Indianapolis counter-balanced with the small rust belt city of Muncie. The first year of the three year track begins with Fall, Spring and Summer semesters at the main Ball State Campus in Muncie, IN. the second year of the three-year program is merged with the first year of the two-year program in Indianapolis. The two-year track begins with a rigorous academic experience at the Ball State CAP: INDY Center located in Indianapolis, IN and is coupled with the Indianapolis Professional Internship Initiative, providing students with exemplary architectural office experience. The final year of the program is staged in Muncie where you will find complex, interdisciplinary issues to explore, community engagement opportunities to engage (a hallmark of your BSU education), and creative prospects for your self-selected, intellectually and independently focused final project thesis inquiry.

## Dual Degrees and Certificates

The Master of Architecture interdisciplinary focus can be extended even further through the pursuit of a dual-degree. We offer dual-degree programs in a customizable platform that consolidates curricula in allied disciplines within CAP including the Master of Urban Design (MUD), Master of Landscape Architecture (MLA), Master of Urban and Regional Planning (MURP), Master of Interior Design (MID), and Master of Science in Historic Preservation (MSHP). A multitude of self-initiated dual degrees outside the College are also possible. A range of graduate certificates are available in specific focused areas of study outside of, or related to, your M.Arch degree program. See <https://www.bsu.edu/admissions/graduate/our-graduate-programs>. Certificates and programs, synchronized to the four required electives offered in Architecture include Digital Design and Fabrication (DDF), Social and Environmental Justice (SEJ), High Performance Building Design (HPBD), Integrated Path to Architecture Licensing (IPAL), and Historic Preservation (HP). Sustainability (SUST) is a college-wide certificate option that is also available.

## Department of Architecture Certificates/ Programs

### Digital Design and Fabrication Certificate (12 cr)

In an open and collaborative environment, this graduate certificate in design computation and digital fabrication introduces students to a broad spectrum of inquiries in the translation of digital processes. Students engage in immersive projects and research methods that challenge existing modes of architectural practice and design using technological innovation.

### Social and Environmental Justice Certificate (12 cr)

This certificate prepares future professionals to address the impacts of design decisions on communities and to weigh design options relative to the potential effects on populations often excluded from the process. Students engage socio-spatial analysis and design that is inclusive of, and responsive to, issues of marginalization, stigma, dignity, and discrimination.

### Historic Preservation Certificate (12 cr)

This certificate provides students and practicing professionals with the opportunity to gain a foundational understanding of the impact historic preservation has on economic development, urban policy and the preservation of historic buildings and sites. Exploring leading theories and applying them to challenges in preservation practice and design. Students engage in community projects through interdisciplinary, immersive projects and research.

### High Performance Building Design Certificate (12 cr)

This certificate is a four-course focus on beyond-code minimum buildings that leads to a formal certificate recognizing competency in this increasingly important aspect of design. The certificate is available to those with a design background-including Ball State grad students and design professionals with non-degree student status. Several of the certificate courses can be leveraged to obtain external credentials.

### Integrated Pathway to Architectural Licensure (IPAL) Program (12 cr)

While the path to architectural licensure varies based on the individual's approach and jurisdiction requirements. It is generally based on national standards facilitated by the National Council of Architectural Registration Boards (NCARB). The three components of initial licensure - education, experience, and examination - are recognized standards accepted by all 54 U.S. architect licensing boards. The two-year Master of Architecture (M.Arch) professional degree curriculum offers an option for motivated students to meet NCARB's education, experience, and examination requirements upon graduation.

# Curriculum Map

## 3-Year M.Arch

(Students with any undergraduate degree)

DESIGN THINKING	ENVIRONMENTAL DESIGN	DESIGN MAKING
<b>501</b> DESIGN THINKING/ FOUNDATIONS STUDIO 6	<b>502</b> ENVIRONMENTAL DESIGN AND SITE CONTEXT STUDIO 6	<b>503</b> DESIGN APPLICATION WORKSHOP 3
<b>561</b> VISUALIZATION AND COMMUNICATION 3	<b>514</b> INTRO TO ARCHITECTURAL BUILDING TECHNOLOGY 3	<b>520</b> INTRO TO PROFESSIONAL PRACTICE 3
<b>570</b> INTRO TO ENVIRONMENTAL SYSTEMS 3	<b>571</b> APPLICATION OF ENVIRONMENTAL SYSTEMS 3	<b>538</b> STRUCTURAL AND MATERIAL SYSTEMS 3
<b>639</b> CONTEMPORARY HISTORY/ THEORY OF ARCHITECTURE 3	<b>518</b> INTRO TO STRUCTURAL SYSTEMS 3	<b>551</b> CONTEMPORARY ISSUES IN ARCHITECTURE 3
<b>FALL</b>	<b>SPRING</b>	<b>SUMMER</b>
<b>MUNCIE</b>		

## 2-Year M.Arch

(Students with Pre-Professional degrees in Architecture)

COMMUNITY ENGAGED	INTEGRATED BUILDING	MULTI-DISCIPLINARY	INTELLECTUALLY INDEPENDENT
<b>601</b> COMMUNITY ENGAGED APPLIED LEARNING DESIGN STUDIO 6	<b>602</b> INTEGRATED ARCHITECTURE DESIGN STUDIO 6	<b>603</b> MULTI-DISCIPLINARY DESIGN KNOWLEDGE STUDIO 6	<b>604</b> INDEPENDENT FINAL PROJECT STUDIO
<b>624</b> APPLIED ARCHITECTURAL BUILDING TECHNOLOGY 3	<b>646</b> URBAN DESIGN: HISTORY, THEORY AND PRACTICE 3	<b>618</b> APPLIED SYSTEMS THINKING 3	<b>647</b> APPLIED THEORY AND REPRESENTATION
<b>620</b> PROFESSIONAL PRACTICE 3	<b>636</b> RESEARCH METHODS IN ARCHITECTURE 3	<b>637</b> FINAL PROJECT PREPARATION 3	elective *
elective *	elective *	elective *	
<b>FALL</b>	<b>SPRING</b>	<b>FALL</b>	<b>SPRING</b>
<b>INDIANAPOLIS</b>		<b>MUNCIE</b>	

\*Certificate Focus, Dual Degrees, or professional practice and licensure.



Hands-on learning occurs in this design build studio as students work with the community to address food insecurity by creating a pavilion where growers from the community garden can share their produce with the neighborhood.

## Community Engagement

The Department of Architecture has more than a 50-year history of community engagement. Examples of student designed and built, community-supported projects are located throughout the state. A strategic alignment between our university and community enables us to address real issues with design solutions.



Student team for the design build of the Maring Hunt Library Community Garden Market

## Careers in Architecture

Architects combine design skills with technical knowledge to both critically investigate and develop responses to issues of people and the built environment. Within the field of architecture, there are diverse opportunities for how one might practice, engage, and build. Projects range from large to small, institutional to residential, adaptive reuse to new construction.



Students meet with more than 80 potential employers from the best firms throughout the country during our annual job and internship fair each spring in the Worthen Arena Concourse.

## Travel Experience

Travel is essential to the education of designers by exposing them to a rich array of diverse cultures and examples of the built environment. Our students visit significant sites, attend conferences, and join field study programs nationally and internationally. Travel opportunities include our college-wide Field Trip Week and course-based international trips to Africa, Asia, Central America, or Europe.



Students on the CAPAsia Field Study Program.

## How to Apply to the Master of Architecture Program

Begin the Graduate School Application process at:

[bsu.edu/gradschool](https://www.bsu.edu/gradschool)

For International Students, Information and Admission Process begin here:

[bsu.edu/international](https://www.bsu.edu/international)

## For Questions

Contact Pam Harwood, [pharwood@bsu.edu](mailto:pharwood@bsu.edu)  
Graduate Program Director and Professor of Architecture

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## Directory

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In the United States, most state 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 term, eight-year term with conditions, or two-year term of continuing accreditation, or a three year term of initial accreditation, depending on its degree of conformance with established educational standards.

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

Ball State University, Department of Architecture offers the following NAAB-accredited degree programs:

- M.Arch** (pre-professional degree + 57 graduate credits)
  - M.Arch** (non-pre-professional degree + 99 graduate credits)
- Next accreditation visit for all programs: 2021