

*In the MS Arch, you'll conduct diverse research and learn under award-winning faculty who are researchers and leaders in knowledge areas across architecture and the built environment.*



THE UNIVERSITY OF ARIZONA

College of Architecture, Planning  
& Landscape Architecture

## MASTER OF SCIENCE IN ARCHITECTURE

**Conduct transformative applied research on architecture and the built environment.**

The Master of Science in Architecture (MS Arch) is a STEM-designated graduate degree devoted to fundamental and applied research in the built environment with a flexible curriculum of approximately three semesters.

CAPLA's MS Arch is the only graduate architecture program of its kind that allows you to move across and between concentration areas to form your own specialization in architectural research and practice.

Our dynamic program's first semester includes a common foundation in research methods and theory and technical coursework, after which each student establishes an individual research project through a research seminar culminating in an original master's project or thesis.

You'll develop specialized skills in a concentration area while broadening knowledge, critical thinking and understanding about research practices. We offer engaging courses and advising in research areas that align with our faculty members' expertise, including but not limited to:

- Design and energy conservation
- Emerging building technologies
- Health and the built environment
- Heritage conservation
- Sustainable market transformation
- Urban design

**CAPLA.ARIZONA.EDU/MS-ARCH**

## CAREER OUTLOOK

Demand for architects with research expertise in the built environment is high and growing in Arizona, across the nation and around the world.

CAPLA MS Arch graduates become leaders in the field of architectural research practice, international consultants in sustainable design, in-demand industry and technology specialists and cutting-edge researchers and teachers.

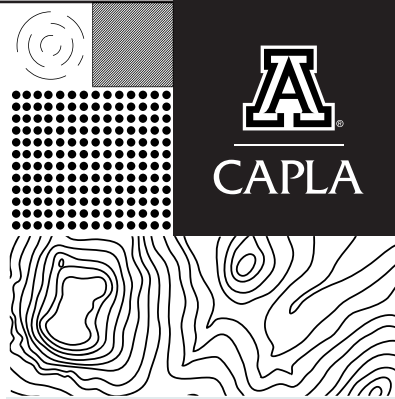
Our graduates are readily placed in their areas of expertise, including:

- Architecture firms for unique design-research skills
- Environmental performance laboratories
- Building technology manufacturers for specialized design expertise
- General contracting firms for distinct sustainability expertise
- National and state or provincial parks for historic preservation practice

## CONTACT

**CAPLA-GRAD@ARIZONA.EDU**

# MASTER OF SCIENCE IN ARCHITECTURE CURRICULUM



UNITS	COURSE #
3	SBE 580
3	XXX 5XX
3	XXX 5XX
3	XXX 5XX
<b>12</b>	
3	ARC 900
3	XXX 5--
3	XXX 5--
<b>9</b>	
6	ARC 909 /910
3	XXX 5XX
<b>9</b>	
<b>30</b>	<b>TOTAL UNITS</b>

## FALL 1

Research Methods

Elective : ..... **OR** 1 x 6 UNIT Specialized Graduate Studio  
 Elective : .....  
 Elective

## SPRING 1

Masters Report

Elective : ..... **OR** 1 x 6 UNIT Specialized Graduate Studio  
 Elective : .....

## FALL 2

Thesis Research Project

Elective

## MS. ARCH CONCENTRATIONS

### Design and Energy Conservation (DEC)

A concentration focused on advanced understanding of design theory, energy conservation, and research methods applicable worldwide, including climate responsive design and Net-Zero energy design.

### Emerging Building Technologies (EBT)

A concentration focused on research in innovative architectural design solutions and materials, with a goal toward making environmental performance and technological advancements.

### Health and the Built Environment (HBE)

Students will gain knowledge and skills to enhance physical, mental, and social well-being through design principles, addressing areas such as environmental quality and social connectedness.

### Heritage Conservation (HC)

Students learn about the preservation of the built environment, drawing from anthropology, archaeology, architecture, art history, history, landscape architecture, and materials science, as part of a comprehensive ethic encompassing environmental, cultural, and economic sustainability.

### Sustainable Market Transformation (SMT)

Students explore sustainable market systems through social science concepts and original research, aiming to cultivate a community of professionals dedicated to improving the built environment.

### Urban Design (UD)

Students learn how to integrate research and design to address urban challenges and propose innovative solutions that enhance the quality of urban life.

### Independent Research Option (IRO)

Students to explore research interests beyond predefined subplans. Applicants to the MS.Arch degree program must submit a well-defined research proposal to pursue this option.

## PROGRAM NOTES

**A minimum of 30 units of coursework is required. However, students may take more units based on their interests.**

Electives are recommended in consultation with faculty chair/academic advisor. We recommend a mix of theory and skills development electives that support the degree candidate's thesis research.

