



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 a research studio, 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:

- Critical spatial practice
- 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
- 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 #

FALL 1
 Research Studio
 Research Methods
 Core Elective *OR* Core Skill Development

SPRING 1
 Research Seminar
 Core Elective
 Elective
 Core Skill Development

FALL 2
 Master's Report or Thesis
 Elective

MS ARCH ELECTIVES

FALL SEMESTER
 Design Communications III
 Computer Energy Analysis
 Materials: Properties and Tests
 Environmental Science Laboratory
 Introduction to Heritage Conservation
 Daylighting, Health and Behavior
 Sustainable Urban Design
 Introduction to Geographical Information Systems (GIS)
 Social Foundations of Sustainability

SPRING SPRING SEMESTER
 Forms of Critical Inquiry and Expression
 Integrated Technologies II (Environmental Parametrics)
 Water Efficiency in Buildings
 Sustainable Design and the LEED Initiative
 Materials Modeling
 Special Topics in Architectural Research
 Biomimetics
 Social and Behavioral Issues in Built Environments
 Health and Wellbeing in the Built Environment
 Documentation and Interpretation of the Historic Built Environment
 Climate Action Planning
 Geodesign: Geographic Information and Tools for Planning and Design
 Transportation and Society
 Innovation, Design and Society

SUMMER SEMESTER (ONLINE ONLY)

Energy and the Environment
 Energy Use in Buildings
 Materials Conservation
 Introduction to Real Estate Finance

PROGRAM NOTES:

A minimum of 36 units of coursework is required.

CORE SKILL DEVELOPMENT ELECTIVES

Recommended in consultation with faculty chair/academic advisor, and may be taken in any order:

FALL

ARC 596D Daylighting, Health and Behavior

ARC 597B Health and Wellbeing in the Built Environment

SPRING

ARC 596D Social and Behavioral Issues in the Built Environments

Additional electives may be approved by faculty chair/academic advisor.

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ARC 601
 SBE 580
 ARC 5--

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ARC 900
 ARC 5--
 ARC 5--
 ARC 5--

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ARC 909 /910

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ARC 540C
 ARC 561D
 ARC 561I
 ARC 561P
 ARC 571 F
 ARC 596D
 ARC 597B
 LAR 570
 SBE ---

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ARC 333
 ARC 521B
 ARC 561A
 ARC 561E
 ARC 561J
 ARC 561Q
 ARC 581F
 ARC 596D
 ARC 597B
 ARC 597J
 PLG 508
 PLG 573
 PLG 595A
 SBE ---

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ARC 561K
 ARC 561L
 ARC 597C
 RED 501