

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.



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 culiminating 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

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

CAPLA.ARIZONA.EDU/MS-ARCH

MASTER OF SCIENCE IN ARCHITECTURE CURRICULUM

UNITS COURSE

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PLG 573

SBE ---

PLG 595A

ARC 561K ARC 561L ARC 597C RED 501

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

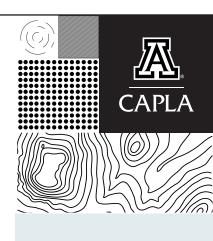
SPRING SPRING SEMESTER

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

SUMMER SEMESTER (ONLINE ONLY)

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

Innovation, Design and Society



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.