ARCHITECTURE MAJOR

Program Director: Mohammad Gharipour

The undergraduate program in architecture develops critical thinkers, problem solvers and skilled professionals ready to take on the challenges of sustainable design. Our prime location between Washington, D.C., and Baltimore offers many advantages: a faculty of highly respected scholars and practitioners; alumni connections and careers at countless architectural firms; and rich architectural diversity. Begin your journey to a more sustainable and environmentally balanced world right here.

The first two years of the curriculum focus on developing a broad-based and well-rounded liberal education, complemented by courses that introduce you to architecture. You will be exposed to the many resources and opportunities of the university while refining your academic and career interests. We offer you two degree options that are tailored to fit your particular academic and career interests. The **Bachelor of Science** curriculum is centered on design studios, with complementary coursework in architectural history, theory, technology and visual media. The studio courses offer unique experiences where you will not only have the opportunity to show your design skills but also work with communities to help solve real-world problems.

One unique feature of the **Bachelor of Arts** program is your ability to pursue an academic path that reflect your passions and interests. It is not uncommon for students to discover that their interest in architecture reveals other career aspirations. Earning a bachelor of arts in architecture allows you to build a foundation in architecture while preparing for careers in business, urban planning, real estate development or historic preservation, just to name a few.

Students receive rigorous and comprehensive instruction from a faculty whose members are active in professional practice and research. Their individual areas of expertise include architectural design and theory, history, architectural archaeology, technology, urban design and planning, and historic preservation.

Admission to the Major

Freshman applicants: http://admissions.umd.edu/apply/requirements/freshman/

Transfer applicants: http://admissions.umd.edu/apply/admission-requirements/transfer-applicant-requirements/

Program Objectives

The School's mission is to educate Architects, Planners, Preservationists, Developers and the many allied stakeholders whose work and scholarship focuses on the quality of the built environment and promotes social justice, cultural value, resource conservation and economic opportunity.

We take advantage of our unique location—in a region that features the nation's capital and the post-industrial City of Baltimore, and links the Appalachian Mountains to the Atlantic Ocean while surrounding the Chesapeake Bay. Maryland's opportunities and challenges are found in its diverse communities, explosive growth and extensive historic resources.

Our faculty, students and alumni collaboratively advance their vision and commitment through research, teaching, colloquia, writing, creative design, planning, policy formation and professional work. Our mission is historically rooted in our land grant mandate and enhanced by our regional and international activities.

Program Learning Outcomes

1. Students should be able to demonstrate the ability to think critically about the role of context in design.
2. Students should be able to demonstrate an ability to communicate design intentions, visually and verbally.
3. Students should be able to demonstrate an ability to demonstrate knowledge from the technology course sequence into the design process.
4. Students should demonstrate the ability to design projects that provide healthful environments while conserving resources for future generations.
5. Students should demonstrate an understanding of the ethical issues underpinning the formation of professional judgement in architectural design and practice.

REQUIREMENTS

All students must complete the following courses:

Course	Title	Credits
MATH120	Elementary Calculus I	3
or MATH140	Calculus I	
PHYS121	Fundamentals of Physics I	4
ARCH171	Design Thinking and Making in Architecture	3
ARCH225	History of World Architecture I	3
ARCH200	Design Media and Representation I	3
ARCH226	History of World Architecture II	3
ARCH300	Design Media and Representation II	3
ARCH201	Elements and Principles of Architecture	1
ARCH462	Methods & Materials of Building Construction	3
ARCH400	Architecture Design Studio I	6
ARCH463	Sustainable Systems in Architecture	3
Total Credits		**35**

For the Bachelor of Science degree option, students must complete three additional 6-credit design studios and accompanying technical/structures courses.

Course	Title	Credits
ARCH401	Architecture Design Studio II	6
ARCH402	Architecture Design Studio III	6
ARCH403	Architecture Design Studio IV	6
ARCH464	Architectural Structures I	3
ARCH465	Architectural Structures II	3
ARCH466	Environmental Systems in Architecture	3
ARCH474		1
ARCH4XX		12
Total Credits		**40**

For the Bachelor of Arts degree option, students must complete 36 additional credits in upper level Architecture electives and a minimum of 9 additional credits in directed electives inside or outside the major.

Course	Title	Credits
Select 36 additional credits in upper level Architecture electives		36
Select 9 additional credits in directed electives inside or outside the major		9
Total Credits		**45**

GRADUATION PLANS

Click here (https://arch.umd.edu/programs/architecture/resources/ student-resources/advising/undergraduate-advising/degree-planning/) for roadmaps for graduation plans in the School of Architecture, Planning, and Preservation.

Additional information on developing a graduation plan can be found on the following pages:

- http://4yearplans.umd.edu
- the Student Academic Success-Degree Completion Policy (https:// academiccatalog.umd.edu/undergraduate/registration-academic-requirements-regulations/academic-advising/#success) section of this catalog