

University of Maryland School of Architecture, Planning and Preservation

ARCHITECTURE

The Architecture Program at the University of Maryland advocates design excellence in architecture and urbanism for a sustainable future.

Our program envisions a community of students, scholars, and practitioners committed to lifelong critical thinking on the built and natural environments; to advancing and integrating academic and professional knowledge about those environments; and to achieving utility, sustainability, beauty, and meaningful expressions of culture in shaping those environments.

Maryland students gain a competitive edge through award-winning design studios and internationally-recognized faculty. Students have established an incomparable track record of success in national design competitions, and Maryland alumni are assuming leadership roles in architectural practice in the Washington, DC metropolitan area and nationwide.



Images from top: Interior of LEAFHouse; LEAFHouse on the National Mall at the Solar Decathlon; student's design for a train station in Castellamare di Stabia, a project of the Urban Design Studio.

Sustainability.

Students gain first-hand experience in **sustainability** and **construction** by designing and building Maryland's entry in the US Department of Energy's Solar Decathlon. The 2007 competition entry, **LEAFHouse**, short for Leading Everyone to an Abundant Future, provides a model for energy efficiency and sustainable building techniques. Constructed on the school's grounds, LEAFHouse was an interdisciplinary team effort of students, faculty and mentors in architecture; mechanical, electrical, structural, environmental, and aerospace engineering; computer science; economics; English; and landscape architecture. The LEAFHouse team finished second overall (out of 20 teams), first in the United States, by topping several categories including second place in architecture. For the full details go to www.solarteam.org.

Urban Design.

Known for its strength in urban design, the Architecture Program together with the Urban Studies and Planning Program offers students a plethora of resources and classes. The **Urban Design Studio**, an advanced graduate design studio, focuses on the relationship between architecture and urbanism through the exploration of both theory and practice of urban design. Coursework includes several projects of varying scales, from an individual lot to a neighborhood and region.

Location.

The **Baltimore-Washington region** is one of the most architecturally, urbanistically, historically, and culturally diverse metropolitan areas in the country. Architectural resources extend beyond the school to the region, enriching the educational studies and professional goals of graduate students.

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www.arch.umd.edu | arcinfo@umd.edu

Master of

ARCHITECTURE

Our program is committed to developing future leaders with a strong foundation in history, theory, and the practical integration of technology and design.



Curriculum.

The Graduate curriculum provides students in their initial years a foundation for architectural design through studios, drawing and representation, and history and theory courses as well as the technology sequence, which addresses climate, materials, topography, structural principles, and methods of construction. The award-winning **Comprehensive Design Studio**, ARCH600, integrates design and technology. The Topical Design Studio and Urban Design Studio prepare students for thesis.

Joint Degree and Certificate Programs.

Students may earn joint masters degrees in **Architecture and Community Planning** and **Architecture and Historic Preservation**. The **Urban Design Certificate** allows students to graduate with expertise and enhanced credentials in urban design. This certificate requires the successful completion of 21-credit hours from an approved list of courses. The **Historic Preservation Certificate** is a 16-credit program consisting of four required courses and two architecture electives. The Graduate **Certificate of Real Estate Development** is a 12-credit certificate with courses in finance, design, project management, and negotiation.



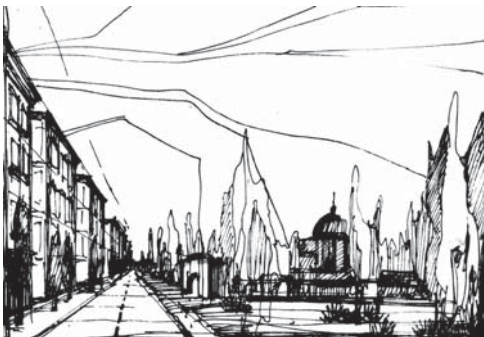
Thesis.

The thesis sequence, a year long process, is an integral part of the Graduate curriculum. Students individually define an architectural problem and generate architectural solutions. Many theses are motivated by social and cultural problems, while others focus on the craft or practice of architecture.



Study Abroad.

England, Rome, Paris, Thailand, and Turkey are just a few locations of the school's summer study abroad programs, while destinations of winter term study abroad courses have included **Italy, Egypt, Dubai, India** and **Peru**. These programs give students an understanding of the architecture and urbanism of foreign cultures through an intensive program of drawing, analysis, and historical studies.



Images from top: Students in the Comprehensive Design Studio build models of their projects; thesis student review; first place award-winning competition entry for the Venice Museum of Contemporary Art; and a student sketch from study abroad.

Resources.

The School is housed in a modern building with studio space for all students, a lofty "great space" for design and critique, classrooms, an auditorium, **woodworking shop, computer graphics facilities**, and a **gallery** for changing exhibits. Also located in this building are the **Visual Resource Collection** and the **Architecture Library**, both offering convenient access to research materials.

Visit www.arch.umd.edu/architecture/ for more information on the Architecture Program's graduate studies, faculty, school news and announcements, and current and upcoming events including public lectures and gallery exhibits.

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