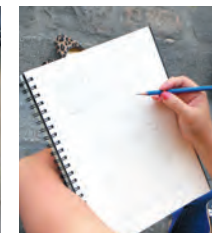
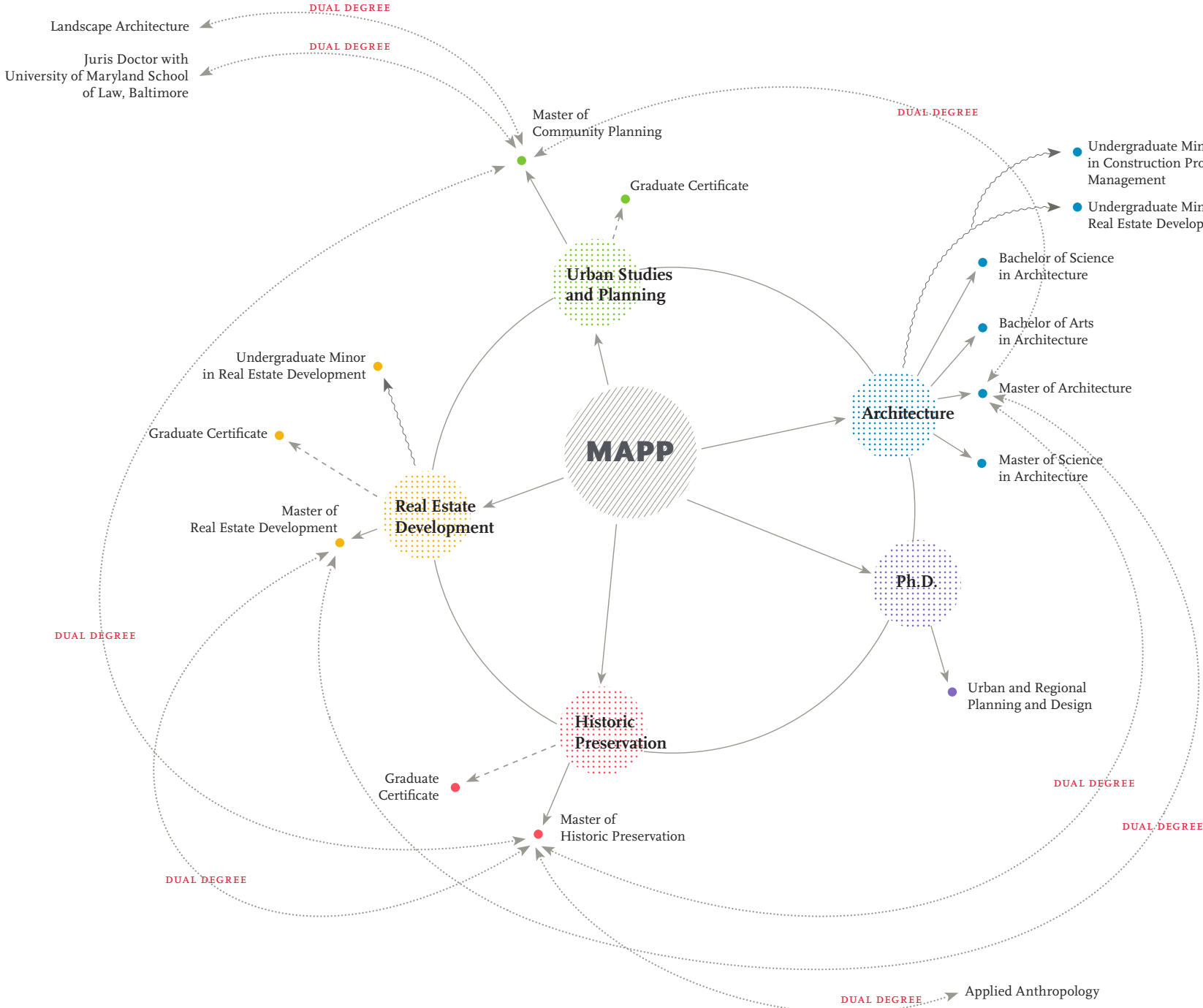


At **Maryland Architecture, Planning and Preservation (MAPP)**, we're building the community that creates a sustainable future. Our school educates and graduates talented and imaginative architects, planners, preservationists, developers and others who are committed to ensuring the quality of the built environment and promoting social justice, cultural value, resource conservation and economic opportunity.

As part of the University of Maryland, one of the nation's top-ranked public research institutions, the School of Architecture, Planning and Preservation offers a unique combination of interdisciplinary opportunities, close-knit and collaborative learning environments and a faculty of leading professionals and experts in their fields. You'll find all this—and a stunning diversity of urban, suburban and rural environments to discover and explore—just minutes from Washington, Baltimore and Annapolis.

Whether preserving the past or designing a better future, you can customize your **MAPP**.





MAPP Programs

Maryland Architecture, Planning & Preservation

- Architecture
- Urban Studies and Planning
- Historic Preservation
- Real Estate Development
- Doctorate





History

Sprung from the cultural context of the 1960s, MAPP has always sought to be socially relevant and to take on the environmental design problems and issues confronting our community and nation. We were the first professional architecture program offered in the state when we welcomed our inaugural class in the fall of 1967. We presented a curriculum of studio work, theoretical studies and real-world design projects with set parameters and goals. We believed then that physical design and social environment are interrelated, and that best practice and research should reflect that. We still do.

Sustainability

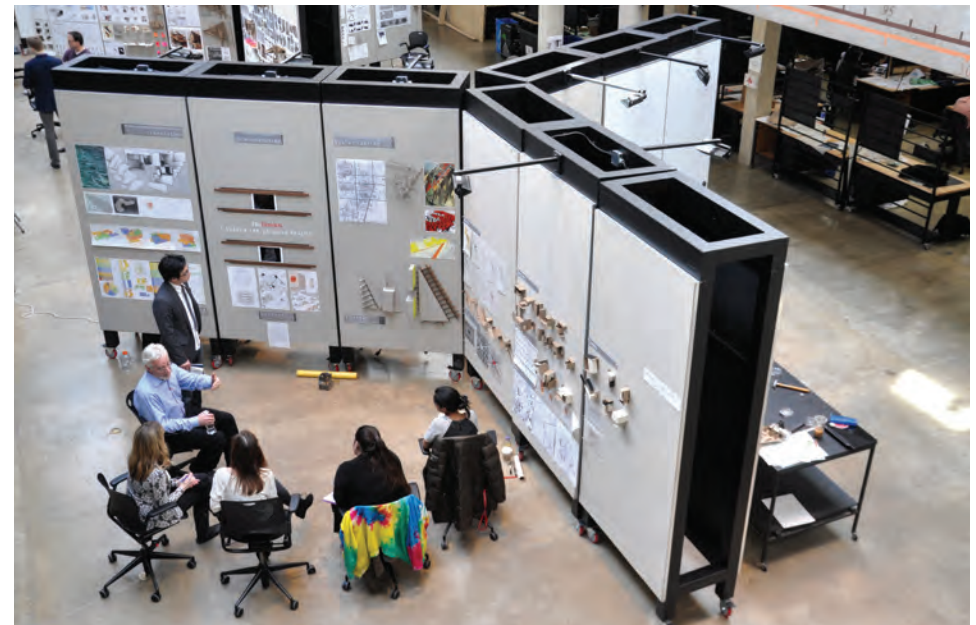
“Sustainability” is more than an environmental term. It means access to transportation, education and employment; walkable communities; and thriving business sectors. It means quality of life for everyone. MAPP integrates sustainability into every facet of the curriculum, cutting across disciplines, to ensure that you’re prepared not only to enter the workforce with relevant experience, but also to serve as a steward of society.

Interdisciplinary Exploration

Landscape architecture, anthropology, economics, engineering, political science and sociology—these are just some of the fields with important ties to the built environment. And they're all fields in which you can expand and enhance your MAPP education at the University of Maryland.

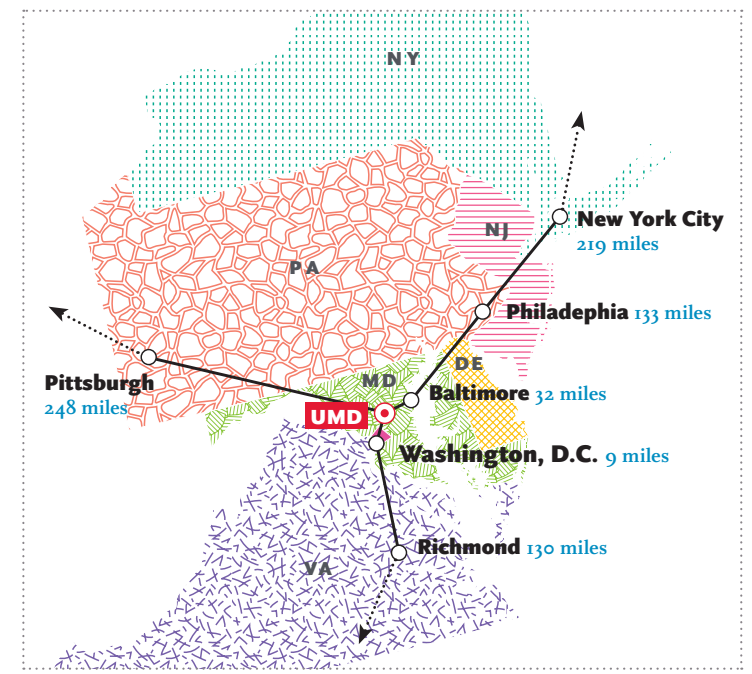
Minor in sustainability. Complete a second major in studio art. Take a graduate-level class in public policy. Within the school, you'll find organic opportunities to collaborate and innovate within the different programs. At MAPP, you'll be encouraged to widen your perspective and get exposure to new experiences.

Every one of them will bring you closer to becoming the multifaceted and unique professional you're meant to be.





Location



The architectural, urbanistic, historical and cultural diversity of the Washington-Baltimore region will give you unparalleled opportunities to learn and launch your career.

The University of Maryland is just nine miles—a quick Metro ride—from Washington, D.C. You'll be able to enjoy all the museums, libraries and cultural institutions found only in a world-class international city, plus the resources of federal agencies and D.C.-headquartered firms and nonprofits—along with their experts who regularly collaborate with the school. And, of course, there's the unique urbanism and monumental architecture of the city.

MAPP-based Research Centers

The National Center for Smart Growth provides research and leadership training on smart growth and related land-use issues in Maryland, around the nation and in Asia and Europe. It brings together the resources of the university and national experts to bear on issues such as housing and community development, transportation, public health and international urban development.

The U.S. Economic Development Administration, University Center fosters innovation and economic development in Maryland communities through research, workforce development and entrepreneurship, as well as business counseling services. It also helps local organizations conduct preliminary feasibility studies, analyze data and convene customized seminars and workshops on topics such as regional strategic planning and capital budgeting.



Alumni

Since the school's founding in 1967, graduates have gone on to accomplished careers in a variety of fields. The alumni association of the School of Architecture, Planning and Preservation is active in sponsoring career-related, academic and social activities around the world. The network of Maryland graduates constitutes an ever-expanding group of practitioners, scholars and mentors.



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SCHOOL OF ARCHITECTURE,
PLANNING & PRESERVATION

The background of the entire page is a light gray topographic map. It features a complex network of thin, wavy contour lines that create a sense of depth and terrain. The lines are more densely packed in some areas, suggesting steeper slopes, and more widely spaced in others, suggesting flatter ground. The overall effect is a subtle, textured pattern that covers the entire surface.

UNIVERSITY OF
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Architecture:
UNDERGRADUATE PROGRAM

Architecture

Bachelor of Science in Architecture

Bachelor of Arts in Architecture

Undergraduate Minor

in Construction Project

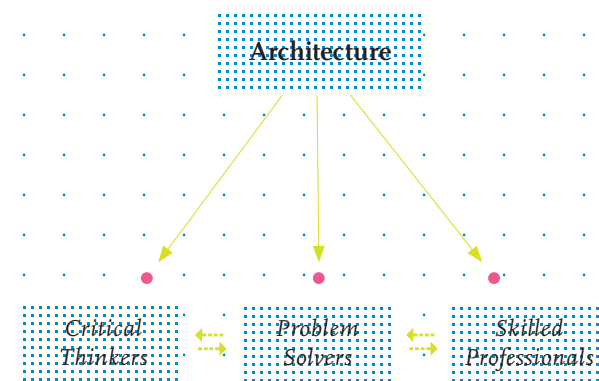
Management

Undergraduate Minor

in Real Estate Development



Introduction



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. The planned monumental city of the nation's capital, the postindustrial city of Baltimore and the historic, delicate scale of Annapolis (and everything in between) provide a living lab to enhance your education. [Begin your journey to a more sustainable and environmentally balanced world right here.](#)

Architecture: UNDERGRADUATE PROGRAM

Academic Experience

Bachelor of Science
in Architecture

120 credits

4 years

Year program
was founded

1967

Size
of class per year

54 students

Bachelor of Arts
in Architecture

120 credits

4 years

Year program
was founded

2015

You can find graduates working at firms throughout the Washington-Baltimore region and up and down the East Coast, including:

Bonstra / Haresign Architects
Gensler
Grimm + Parker Architects
HKS Architects
HOK
Perkins Eastman
SOM (Skidmore Owings & Merrill)

Collaboration. Creativity. Learning through making. Design thinking. These form the backbone of our teaching and learning culture. Guided by faculty members, you'll learn traditional methods of drawing and modeling as well as cutting-edge techniques in an evolving digital world.

The first two years of the curriculum focus on developing a broad-based and well-rounded liberal arts education, complemented by courses that introduce you to architecture. You'll be exposed to the many resources and opportunities of the university while refining your 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'll not only have the opportunity to show your design skills but also work with communities to help solve real-world problems. All along the way, you'll work closely with faculty, staff and advisers who will help ensure you're on track to meet your goals.

One unique feature of the **Bachelor of Arts** program is your ability to customize an academic path that reflects your passions and interests. It's 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 a career in business, urban planning, real estate development or historic preservation, to name just a few. Coupled with more than 90 available minors, like our construction project management minor or the campus-wide minor in sustainability studies, you'll find that a bachelor's degree from Maryland opens doors.



Research Opportunities

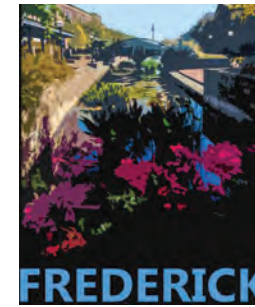
The school's community partnerships—locally and around the world—provide exciting options for you to extend your education beyond the classroom through real-world research experiences:

Partnership for Action Learning in Sustainability (PALS): The university pairs student ingenuity and faculty expertise to tackle sustainability challenges in Maryland. Students have created revitalization plans for The City of Frederick, developed flood-controlling designs to combat rising sea levels in Salisbury and recommended strategies for aging in place in Howard County.

Archaeological Digs: For over a decade, students have been uncovering and documenting the ruins of the ancient Roman city of Stabiae, near Mt. Vesuvius. They're using innovative technologies to create digital reconstructions that expand our understanding of the similarities and differences of life there nearly 2,000 years ago.

Community-based Activities: Join the school's active chapter of the American Institute of Architecture Students and participate in activities such as Freedom by Design, which makes the homes of disabled veterans more accessible environments. Or address the problem of inner-city food deserts with the East Capitol Urban Farm, which aims to offer a clean, stable and nutritious food source to D.C. residents.

Studio Abroad in Florence: Live, study and learn in the city where architecture began. You'll take classes in Leon Battista Alberti's masterpiece, the Palazzo Rucellai, and attend studio in a newly renovated building on the banks of the Arno. In addition to learning in the classroom, you'll have plenty of opportunities to visit museums, draw in piazzas, learn to speak Italian and absorb the history of Italy while participating in local customs and traditions.





Student Spotlight

Adan Ramos B.S. Arch. '15, Individual Studies '16

Ramos created a second major in sustainability, which he undertook simultaneously with his architecture degree. He spent the past three summers working at the school's archaeological sites in Stabiae, Italy, and Turkey, and last summer also interned at Gensler's Baltimore office.

“Doing the surveying in Italy and Turkey taught me to analyze structures. When I was in this Baltimore neighborhood, I was able to analyze the local structures in the same way—looking at that disrepair and disinvestment, but also the potential.”



Faculty Spotlight

Jana VanderGoot Assistant Professor

VanderGoot taught an urban design studio in which 50 undergraduate and graduate students worked with the city of Salisbury, Md., to create a revitalization plan for its struggling downtown.

“Working with actual community members inspired the students because they didn't feel like it was just a design exercise in a bubble. Students had the ‘this is what I want to do with my life’ a-ha moments when they put pen to paper to make cities better.”

The city of Salisbury hired two of the graduate students after the class to help write its new master plan.

Alumni Spotlight

Melanie Hennigan

B.S. Arch. '83, M.Arch. '87

President, *Grimm + Parker Architects*

Hennigan is one of the region's most highly honored designers of schools and library buildings.

"Maryland produces compassionate, skillful, creative problem solvers. When I'm interviewing job candidates, nine out of 10 times, I'm going to be more impressed by the Maryland candidate."

All but one of the seven partners at
Grimm + Parker graduated from UMD.

Jordan Goldstein

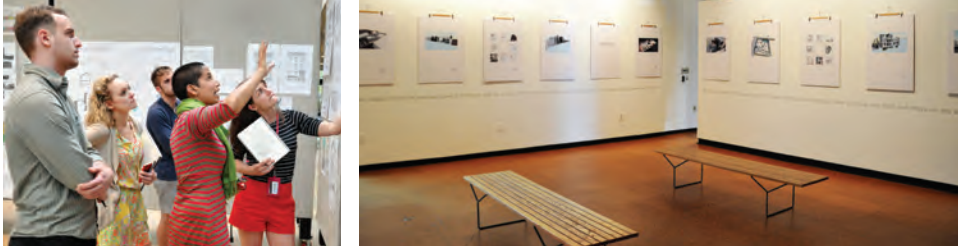
B.S. Arch. '94

Managing Director and Principal, *Gensler*

Goldstein has a global practice that designs everything from high-rises in Shanghai to intimate restaurants in Washington, D.C. He has won national awards for not only his architecture but also his furniture product design.

"I loved the studio environment at Maryland—it was collaborative, interactive and dynamic. It was phenomenal for me to understand how to work in an open environment and really channel the energy of everyone around you. That mirrors everyday practice, where we're constantly working in collaborative settings."





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Architecture:
GRADUATE PROGRAM

Architecture

Master of Architecture

Master of Science in Architecture

Master of Architecture/
Master of Historic Preservation

Dual Degree

Master of Architecture/
Master of Community Planning

Dual Degree

Master of Architecture/
Master of Real Estate Development

Dual Degree

Master of Architecture/
Master of Real Estate Development

Dual Degree

Graduate Certificate in Urban Design

Revaluing Age through Ruins & Wrinkles Architecture Lucy E. Moore

DYNAMIC INTERVENTION | REAWAKENING THE DETROIT BOAT CLUB

ANNE KOPF | THESIS FALL 2014

ARCHITECTURE RESPONSIBILITY

by Xavier Liskerson

Architecture is not merely a neutral, technical exercise. It is a social and political act. It is a responsibility to the community.

DESIGN CRITERIA

- Community Engagement
- Sustainability
- Affordability
- Transit-Oriented Development
- Historic Preservation
- Public Space
- Walkability
- Transparency

DESIGN EVALUATION

Key Performance Indicators (KPIs) for each criterion, represented by colored icons and progress bars.

HOUSING AND INEQUALITY IN THE U.S. AND IN D.C.

SITE CONTEXT

STRATEGY: APPLYING THE DESIGN CRITERIA

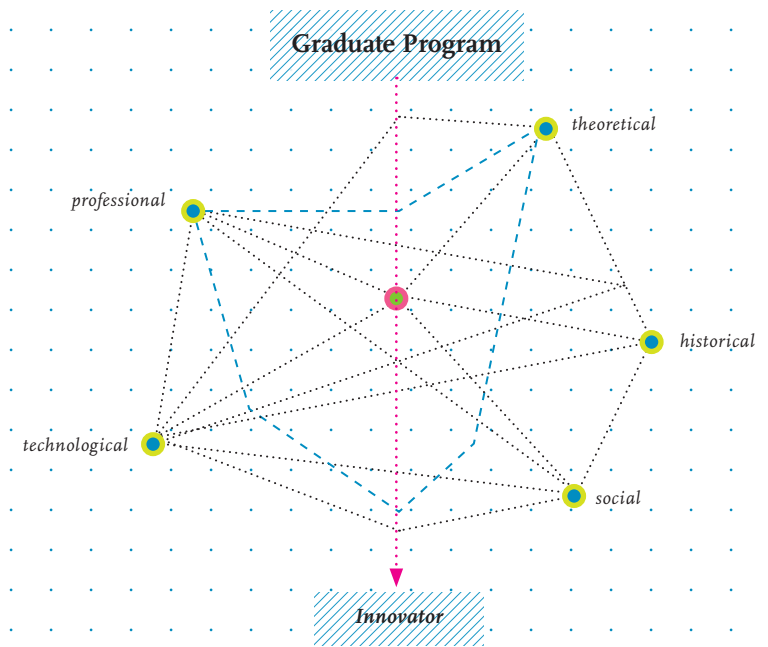
TRANSIT AND WALKABILITY	URBAN CONTEXT
SOCIAL SERVICES	SPECIAL RECOMMENDATION
RESILIENT	RESILIENT
REGENERATING PUBLICITY	COMMON SPACE
COMMUNITY PARTICIPATION	DEFINABLE SPACE

SECTION PERSPECTIVE

Architectural section showing building massing, green spaces, and transit infrastructure.

Green Spaces	Transit	Public Spaces	Walkability	Transparency	Community Engagement	Affordability	Sustainability
Increased green spaces	Improved transit access	Enhanced public spaces	Improved walkability	Increased transparency	Enhanced community engagement	Improved affordability	Enhanced sustainability

Introduction



The graduate program in architecture will prepare you to be an innovator in creating design solutions for a more sustainable and environmentally balanced world. Whether you've already completed a bachelor's degree in architecture or you're new to the field, you'll graduate with a full understanding of the theoretical, historical, technological, professional and social issues that affect the design of the built environment. You'll work alongside award-winning faculty and practitioners, and you'll study in postindustrial Baltimore, monumental Washington, D.C., and historic Annapolis, Md.—and in locales worldwide. [This is where you begin to launch your career.](#)

Architecture: GRADUATE PROGRAM

Master
of Architecture

Pre-professional degree

+

60 graduate credits

2 years

Master
of Architecture

Non-pre-professional degree

+

109 graduate credits

3.5 years

Master of Science
in Architecture

Professional degree

+

30 graduate credits

1 year

Size
of class per year

15-18 graduate students

Year program
was founded

1967

You can find graduates working at firms throughout the Washington-Baltimore region and up and down the East Coast, including:

Ayers Saint Gross	Gensler
Cannon Design	Grimm + Parker HOK
David M. Schwarz Architects	Perkins Eastman
Design Collective	Torti Gallas and Partners

Academic Experience

If you've already earned a bachelor of science in architecture degree, come to Maryland to pursue the accredited professional degree of master of architecture (M.Arch.). Coming to the graduate program with a bachelor's degree in a field outside of architecture? We have a 3 1/2-year M.Arch. program designed just for you.

Students enrolled in the M.Arch. program can also pursue a certificate in urban design or a dual degree in one of our allied disciplines. Post-professional degree students can enroll in an advanced master of science in architecture program with a focus on urban design.

In our curriculum, we're noted for the integrated design studio, an idea born here in the 1990s that transformed architecture education nationwide. We removed the walls between our technology and design courses to help you gain a full understanding of a project's practical realities in terms of aesthetics, structure, building systems and sustainability.

Then, jump into a topical studio that focuses on the research and professional expertise of our faculty. You choose the project, location or concept that intrigues you, such as digital design media, informal settlements in Central and South America or housing in the United States.

Most importantly, you'll dive deep into a topic independently through one of our biggest assets, our thesis program. During the culminating two semesters at Maryland, you'll craft your own individual design-research agenda with the help of a committee of faculty advisers. You'll define your own interests and apply your architectural education to something important to you—something that sets the trajectory for your professional life.

Research Opportunities

The school's community partnerships—locally and around the world—provide exciting options for you to extend your education beyond the classroom through real-world research experiences:

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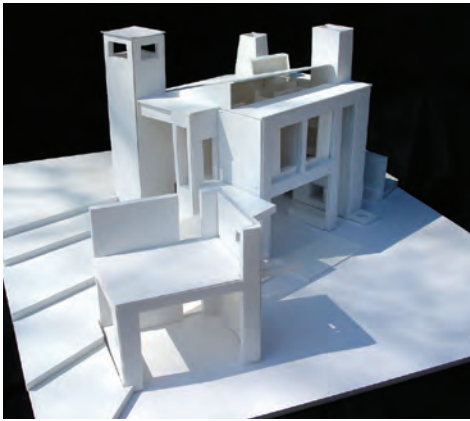
Study Abroad: Expand your worldview at Maryland. You can have unforgettable and invaluable educational experiences throughout the year:

- Explore Nordic architecture in Scandinavia
- Learn to watercolor in a Roman piazza
- Design sustainable housing in Thailand
- Or, as your knowledge grows and lenses change, take multiple trips to one location, whether France, Italy or South America

Competitions

Test your mettle against others in exciting competitions among peers nationwide. Faculty and coursework at Maryland support students' participation in highly respected competitions—they're a terrific way for students to put their stamp on the world as well as a strong credential to tout when seeking a first job. Graduate students have also won cash prizes as winners in the 2014 and 2015 Urban Land Institute/Hines Competition, considered the industry's most formidable urban design tournament. Our students also placed in the 2014-15 American Institute of Architects' Committee on the Environment competition, recognizing student work that displays sustainable design at the highest level.





Student Spotlight

Valerie L. Sherry M.Arch. '15
Founder, *Maryland Social Design Lab*

“Being at the University of Maryland allows you to make what you want of your academic experience. You can reach across disciplines and work across campus or within the architecture discipline, and collaborate.”

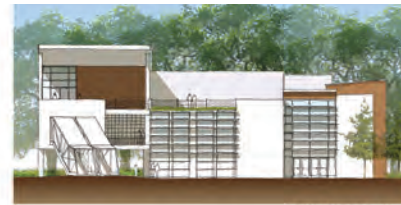


Faculty Spotlight

Jana VanderGoot
Assistant Professor

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“Working with actual community members inspired the students because they didn’t feel like it was just a design exercise in a bubble. Students had the ‘this is what I want to do with my life’ a-ha moments when they put pen to paper to make cities better.”



South Academic Elevation



North Academic Elevation



Residential Elevation



Section A



Section B



Alumni Spotlight

Melanie Hennigan

B.S. Arch. '83, M.Arch. '87

President, *Grimm + Parker Architects*

Hennigan is one of the region's most highly honored designers of schools and library buildings.

“Maryland produces compassionate, skillful, creative problem solvers. When I’m interviewing job candidates, nine out of 10 times, I’m going to be more impressed by the Maryland candidate.”

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PLANNING & PRESERVATION



**Urban Studies
and Planning**

Urban Studies and Planning

Master of Community Planning
Master of Community Planning/
Master of Architecture
Dual Degree

Master of Community Planning/
Master of Historic Preservation
Dual Degree

Master of Community Planning/
Master of Landscape Architecture
Dual Degree

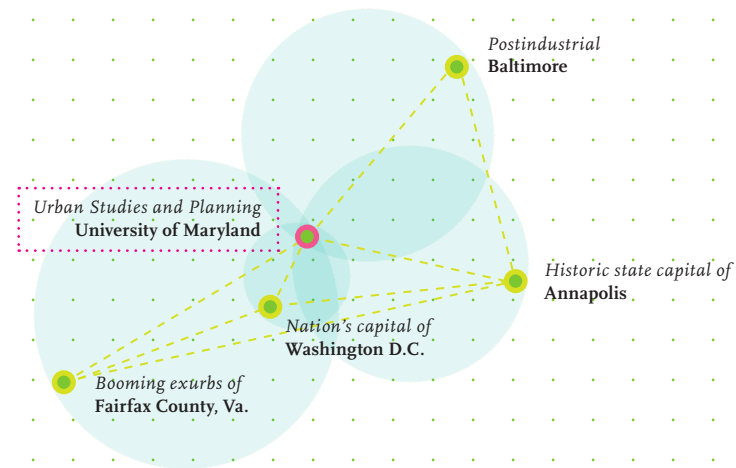
Master of Community Planning/
Juris Doctor

Graduate Certificate
in Urban Design





Introduction



The Urban Studies and Planning Program prepares the next generation of professionals to address the planning issues facing our cities, counties and states. Our location offers you unparalleled opportunities to study urban and regional planning in a variety of geographic settings, from the postindustrial transitioning city of Baltimore, to our rapidly developing nation's capital, to counties intent on maintaining their farmland and forests, to nationally known planned communities in Maryland and Virginia.

Here, you'll be connected with a community of planners, scholars and practitioners, and will have the opportunity to advance your skills through an internship with entities including federal, state and local planning offices, international organizations, planning consulting firms and innovative nonprofits.

Urban Studies and Planning: GRADUATE PROGRAM

Rankings in *Planetizen*

#5

for scholarly
publications

#15

for part-time students/
working professionals

#18

by planning educators
for overall program

Master
of *Community Planning*

Bachelor's Degree

+

48 graduate credits

2 years full-time / flexible part-time

Size
of class per year

25-28

graduate students

Year program
was founded

1974

Pass rate
on American Institute of Certified
Planners exam (2010-14):

92.3%

Job placement rate
one year after graduation

95%

Employers have included:

Baltimore Economic Development Corp.
Environmental Protection Agency
Maryland Department of Planning
Maryland Transit Administration
Montgomery County, Md., Department of Planning
National Park Service
Parsons Brinkerhoff
Smart Growth America
Washington, D.C., Office of Planning

Academic Experience

Our curriculum will expand your understanding of the political, economic, institutional and social contexts that planners face. You'll participate in a community planning studio and an internship, learn to use technology such as geographical information systems (GIS) and have opportunities to explore the changing character and critical problems of modern urban development. Community planning studio projects have included:

- establishing a methodology to identify food deserts in Prince George's County
- developing a revitalized identity for the Westside neighborhood of Baltimore that capitalizes on its creative energy
- creating a design and business plan for the redevelopment of a former industrial site in St. Petersburg, Russia, into a mixed-use community



Research Opportunities

Through our work with the two major research centers based in the school, you'll learn new planning technologies, conduct practical research and meet some of the best mentors in the field. At the [National Center for Smart Growth \(NCSG\)](#), you can focus on transportation, sustainability and economic growth. Or you can turn to the [U.S. Economic Development Administration University Center](#) to get in-depth experience in economic development, entrepreneurship and innovation.

Our students also get hands-on opportunities through the [Partnership for Action Learning in Sustainability \(PALS\)](#) program. Launched by the National Center for Smart Growth, PALS is a university-wide initiative that brings together students, expert faculty and leaders of communities across the state of Maryland to tackle their unique sustainability challenges. Urban studies students are producing a sustainability plan for The City of Frederick and are researching the university's home in the city of College Park.

Many of our faculty members also maintain research positions providing opportunities for our students to work as research assistants and publish scholarly papers on numerous different topics.

Students also enjoy other unique, multidisciplinary experiences:

ULI/Hines Competition: The University of Maryland (UMD) took home the \$50,000 first prize in 2014 and 2015 in the industry's most formidable competition of its kind. Graduate students from at least three disciplines combine talents to tackle a design and development challenge in a major U.S. city, selected by the Urban Land Institute.

St. Petersburg, Russia, studios: A cross-cultural studio with St. Petersburg University pairs UMD planning, architecture and historic preservation students with peers in Russia to design and plot development plans for areas of the city.

Purple Line Corridor Coalition: Spearheaded by the NCSG, the coalition guides the efforts and expertise of community, government and private business leaders active in planning sustainable, vibrant communities along the corridor of the anticipated Purple Line of D.C.'s Metro system.



Student Spotlight

Chelsie Miller M.C.P. '15

Business development manager,
Lutheran World Relief

Miller earned undergraduate degrees in social work and geography, completed two years in the Peace Corps in West Africa, then worked as a social worker before deciding to earn a graduate degree.

“What I really like about the program is that you can specialize any way you want. I took classes in public health and public policy, and I pulled those fields into my urban studies courses.”



Faculty Spotlight

Willow Lung-Amam Ph.D.

Assistant Professor

Lung-Amam investigates how poverty and immigration trends are reshaping the Washington, D.C., suburbs. Her recent research concentrates on existing and proposed transit-oriented development sites in three Maryland communities. Transit usually increases land values, which can put affordable housing and small businesses at risk.

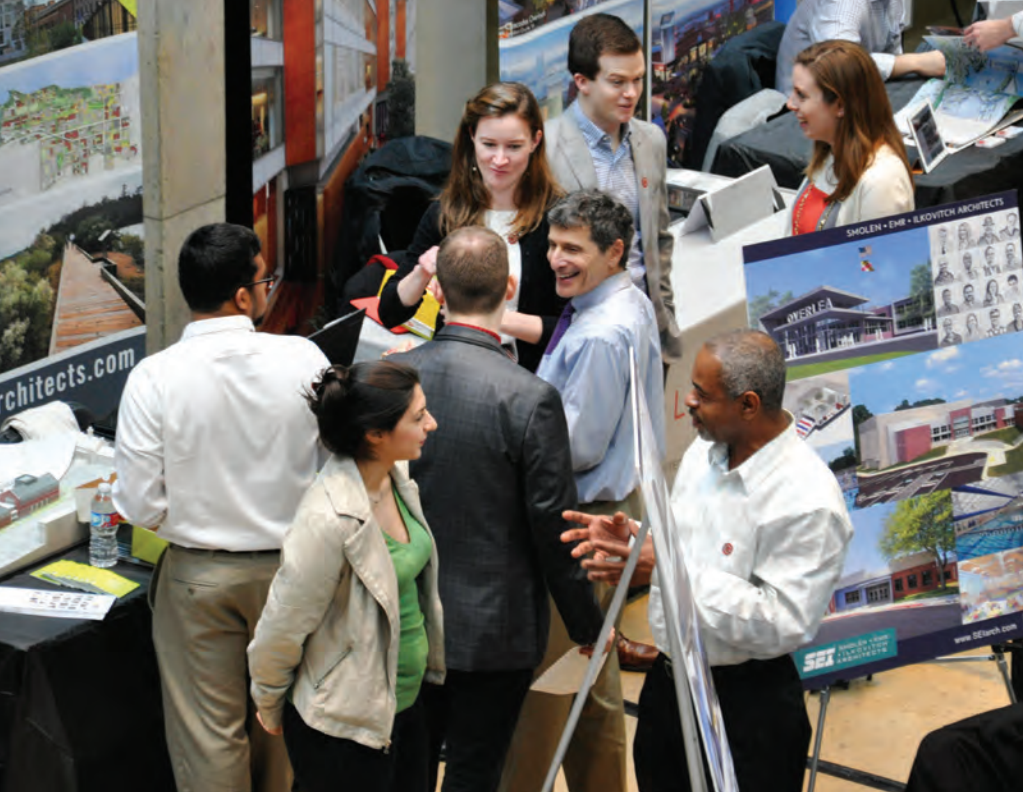
“I want to understand how vulnerable communities can not only bear the burden, but also share in the benefits that redevelopment and new transit bring. How can we plan for change in a way that makes sense for new and old?”

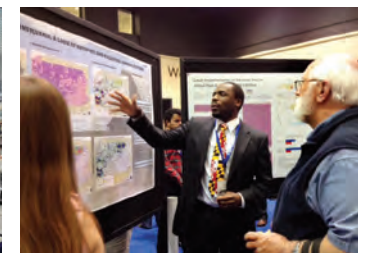
Alumni Spotlight

Ilana Preuss M.C.P. '02

Founder, *Recast City*

“Having this program in the D.C. area means that many of the faculty are experts with on-the-ground skills. When I took a course on transportation planning, we had a transportation planner from the city of Rockville come teach it, and he could give us practical and applied examples.”





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UNIVERSITY OF
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SCHOOL OF ARCHITECTURE,
PLANNING & PRESERVATION





**Historic
Preservation**

Historic Preservation

Master of Historic Preservation
Master of Historic Preservation/
Master of Community Planning
Dual Degree

Master of Historic Preservation/
Master of Architecture
Dual Degree

Master of Historic Preservation/
Master of Real Estate Development
Dual Degree

Master of Historic Preservation/
Master of Applied Anthropology
Dual Degree

Graduate Certificate
in Historic Preservation

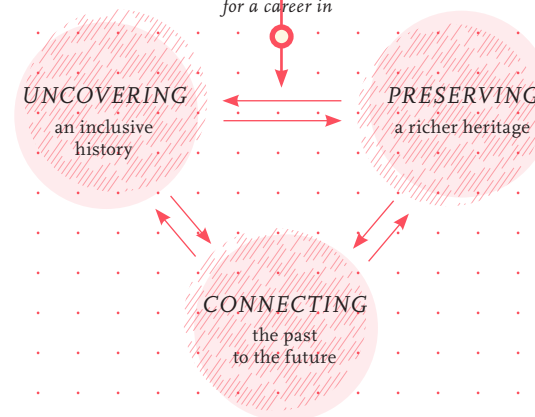




Introduction

The Historic Preservation Program
draws on modern disciplines and practices

to
prepare you
for a career in



The Historic Preservation Program draws on multiple disciplines, perspectives and practices to prepare you for a career preserving our nation’s tangible and intangible heritage and finding inspired uses for these resources in today’s world.

With so many preservation organizations and agencies—local, state and federal—in the metropolitan D.C. region, you’ll learn from well-connected faculty and challenging internships that will allow you to expand and apply your knowledge and skills. Plus, you’ll find two great urban laboratories in Baltimore and Washington; places and spaces where you can explore gentrification, sustainability and other pressing issues; and a broad cultural landscape, from the Atlantic coast to the mountains of Appalachia.

Historic Preservation: GRADUATE PROGRAM

Master
of Historic Preservation

Bachelor's Degree

+

45 graduate credits

2 years full-time /
flexible part-time

Year program
was founded

1988

Job placement rate
one year after graduation

85%

Size
of class per year

10-12 students

Number
of degrees awarded

180

Alumni go on to work in government, cultural resource management, architecture firms, museums, nonprofit agencies and historic sites.

Employers have included:

Advisory Council on Historic Preservation Anne Arundel County, Md.	Maryland Historical Trust Massachusetts Historical Commission
Association for the Preservation of Virginia Antiquities	Montgomery County, Md. National Park Service's Battlefield Protection Program
Baltimore City Commission for Historical and Architectural Preservation	New York City Landmarks Preservation Commission
Baltimore Heritage Civil War Trust	North Carolina State Historic Preservation Office
EHT Traceries	Preservation Maryland
Historic New England	Preservation Virginia

Academic Experience

Virtually every class, from the introductory course to the final project, gets you out in the field and connects you to preservation issues and practice in communities and neighborhoods. You may be pressing your case on Capitol Hill as part of National Historic Preservation Advocacy Week, attending a local historic district commission meeting for your law class or visiting one of hundreds of historic properties to start a project in your historical research methods or vernacular architecture class.

We're one of the only master of historic preservation programs in the country with a course focused on the social and ethnic issues and challenges of preservation in a diverse society. While preservation has largely been a privileged practice, this class examines what it means to preserve heritage and memories of groups that have been underrepresented and marginalized in history books.



Focus Areas

ADAPTIVE REUSE DESIGN AND DEVELOPMENT
IN HISTORIC ENVIRONMENTS

ARCHAEOLOGY

COMMUNITY HERITAGE STUDIES

CULTURAL LANDSCAPES

INTERPRETATION OF HISTORIC SITES,
BUILDINGS AND MONUMENTS

PRESERVATION PLANNING AND POLICY

UNDERREPRESENTED COMMUNITIES

VERNAULAR ARCHITECTURE

You can combine your coursework with invaluable research and field-based professional training in documentation, policy and interpretation. With our partners, such as the National Park Service, Maryland Historical Trust and local, county and city agencies, we provide unique ways to get experience in decision-making, management and conservation.

Here's just a sample:

Bostwick House: This 18th-century house and its 10-acre property in nearby Bladensburg, Md., provide a living classroom for the program.

Studio Classes in Historic Neighborhoods: Using site analysis, historical research, geographic information system (GIS) mapping and community outreach, teams of students have developed recommendations interweaving historical tradition and legacies with future needs in neighborhoods such as Old Goucher in Baltimore and the H Street Corridor and Georgia Avenue in D.C., as well as in nearby Hyattsville and Bladensburg.



Student Spotlight

Abby Tesfaye B.S. Arch. '13, M.H.P. '16

Tesfaye developed a self-guided architectural tour for The City of Frederick, Md. The brochure, which includes photos and descriptions of buildings along with a route map, allows visitors to explore the historic treasures of Frederick, located about an hour northwest of the university. Her work was part of the **Partnership for Action Learning in Sustainability (PALS) program**, which brings together students, expert faculty and leaders of communities across the state of Maryland to tackle their unique sustainability challenges.

“I looked at other historic towns’ guides and visited Frederick to see what it had that was historic and valuable, and I did research on each site. I had a friend take photos, and then I did the layout for the brochure. I used a little of everything I knew: historic preservation, architecture and planning.”



Faculty Spotlight

Donald Linebaugh Ph.D.
Program Director

Linebaugh is engaged in a major research project on the 17th- to 19th-century Kippax Plantation in Hopewell, Va. Home to the Bolling and Bland families and their enslaved workers, the plantation served as an important site for provisioning trade with the region’s native peoples. Linebaugh is also exploring the design and cultural context of the early 20th-century Indian Steps Cabin in Pennsylvania. Its owner, lawyer and outdoorsman John E. Vandersloot, embedded his Indian artifact collection into the walls of the Craftsman-style dwelling. Properties like Indian Steps, Linebaugh says,

“provide exciting opportunities for students to examine and interpret the material stories and histories of a site.”

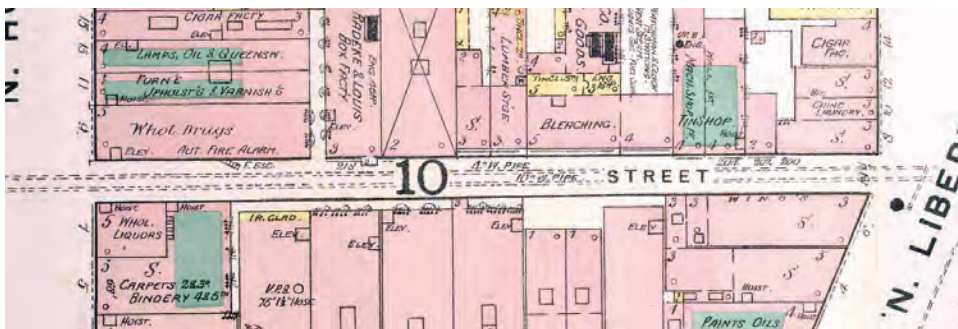
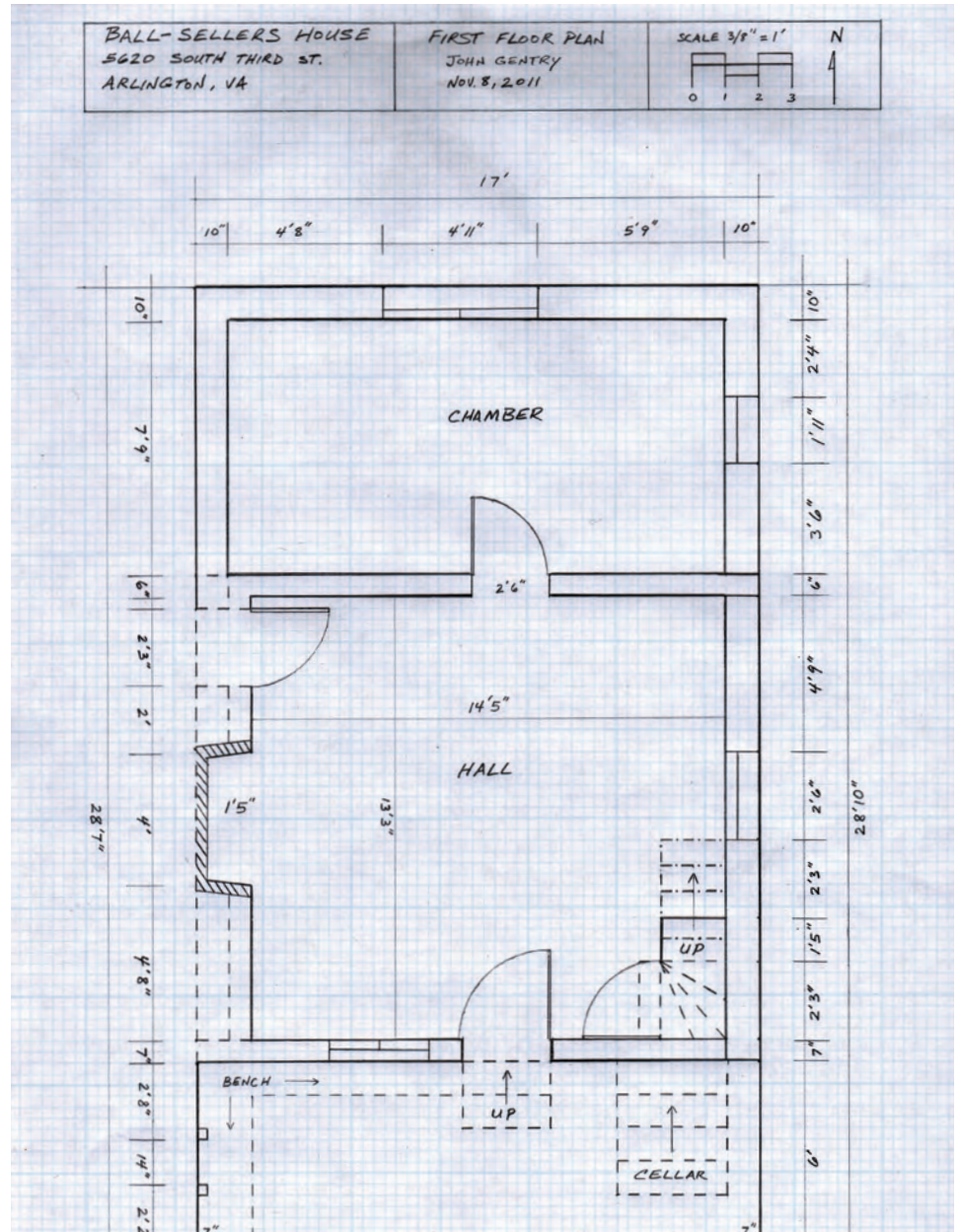
Alumni Spotlight

Margaret De Arcangelis M.H.P., M.C.P. '11
Preservation Services Director,
Preservation Maryland

De Arcangelis is heavily involved in the nonprofit's new program, "Maryland's Six-to-Fix," designed to help save threatened sites and structures, including Antietam Battlefield, Baltimore's storefronts and the historic resources of Dorchester County.

"Having the opportunity to learn from preservation professionals—that's one of the greatest things about Maryland. The fact that they're pulling from across the region to bring in professionals who do this on a daily basis means the information students are getting is so up to date. You're learning from people who are out in the field every day."





Contact Us

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WEBSITE

arch.umd.edu/historic-preservation

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Real Estate Development

Real Estate Development

Master of Real Estate Development
Graduate Professional Certificate
in Real Estate Development

Undergraduate Minor
in Real Estate Development

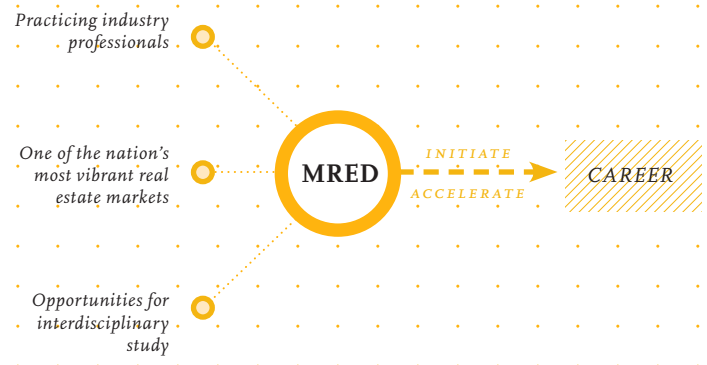
Master of Real Estate Development/
Master of Architecture
Dual Degree

Master of Real Estate Development/
Master of Historic Preservation
Dual Degree

Master of Real Estate Development/
Master of Business Administration
Dual Degree



Introduction



The graduate programs in real estate development provide a unique opportunity for you to initiate, or accelerate, your career in real estate. Our faculty of practicing industry professionals will help you tackle the complexity of real estate development, from acquisition to entitlements, through finance, design, construction and asset management. You will get your real estate education in one of the nation's most vibrant real estate markets as you address such hot topics as international financing in resurgent Washington, D.C., infill development in Baltimore, mixed-use projects in the redeveloping suburbs and exurban and resort development on Maryland's Eastern Shore. Moreover, by working with the other disciplines in the School of Architecture, Planning and Preservation, you will gain a vital understanding of how to balance economic viability with environmental respect, social responsibility and beautiful design.

Real Estate Development: GRADUATE PROGRAM

Number
of credits

Bachelor's Degree

+

33-42

1 to 2.5 years

Size
of class per year

25 in the fall

15 in the spring

Year program
was founded

2006

You are likely to meet more than
50 real estate professionals during
the average time to your degree.

Alumni go on to work at firms
including:

- The Bozzuto Group
- Clark Realty Capital
- Coldwell Banker Richard Ellis (CBRE)
- The Dominion Group
- Greenberg Gibbons
- Federal Realty Investment Trust
- JBG Companies
- Jones Lang LaSalle
- The National Housing Trust
- The Peterson Companies
- Roadside Development
- Toll Brothers
- Vornado Realty Trust/Charles E. Smith
- WC Smith

Academic Experience

The curriculum of this master's degree program will expand your knowledge of finance, planning, design, construction, law and asset management. You will also focus on professional skills in effective business writing and persuasive oral communication. You will research case studies and learn from the work and educational experience of your fellow students with backgrounds in everything from journalism and economics, to architecture, construction, finance and accounting, as they share their challenges and accomplishments.

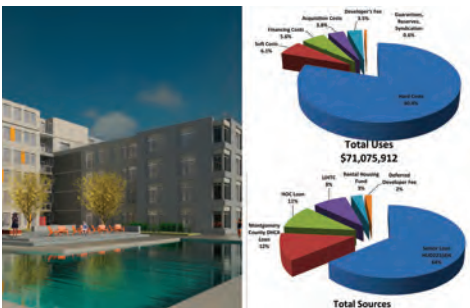
The program and courses are designed to give you hands-on experience, so that you conduct your own appraisal and market analysis, sit in and report on a public hearing on a proposed rezoning and take multiple site visits to observe development projects while talking to the people making them happen. And you will find opportunities to take elective courses in specialty fields such as hospitality, retail and international development.

To complete your degree you will undertake a capstone project conducting a full-blown feasibility study for development of a property under the guidance of an experienced development professional.



PROJECT BENEFITS		UNIT MIX	
100% Affordable Housing	Pre-Registration Costs	Units	Year 1
4% Tax Credits	Rehabilitation of Existing Facility	Efficiency	Year 2
Job Creation	Senior & Special Needs Housing	3 BR	Year 3
Job Retention	Public Asset	1 BR + 1 BR	Year 4
	Development of New Units	2 Story 2 BR Townhomes	Year 5
	Community		Year 6
			Year 7
			Year 8
			Year 9
			Year 10
			Year 11
			Year 12
			Year 13
			Year 14
			Year 15
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			Year 47
			Year 48
			Year 49
			Year 50





Students also enjoy other unique, multidisciplinary experiences:

ULI/Hines Competition: UMD clinched the \$50,000 first prize in both 2014 and 2015 in the industry's most formidable contest of its kind. Graduate students from at least three disciplines combine talents to tackle a design and development challenge in a major U.S. city, designated by the Urban Land Institute.

The Partnership for Action Learning in Sustainability (PALS) program: Launched by the National Center for Smart Growth, PALS is a university-wide initiative that brings together students, expert faculty and leaders of communities across the state of Maryland to tackle their unique sustainability challenges. For example, MRED students worked with the city of Frederick to propose development of 33 acres on the west side of town.

The Colvin Institute of Real Estate Development supports the Colvin Capstone Competition, as well as guest lectures, outreach to the professional community and symposia on topics of interest to the development, design and planning communities.

The MRED program offers flexibility to shape the program to your schedule and interests. Classes are held during evenings and weekends to support working professionals. Faculty are industry experts who can connect you to the vibrant real estate community in this region and beyond.



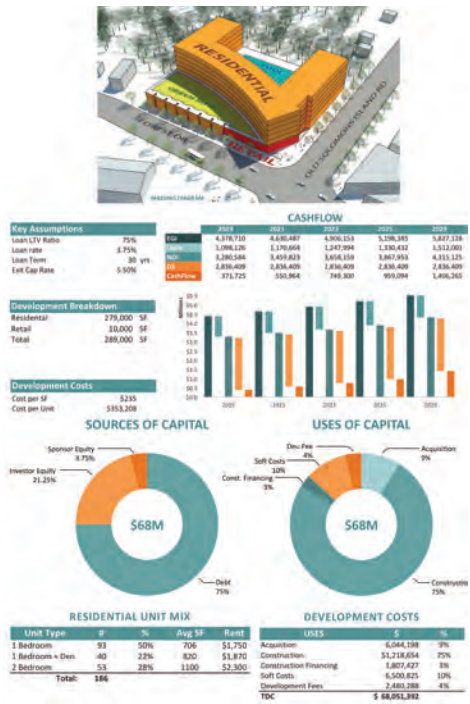
Faculty Spotlight

Tom Burton B.S. '84

Lecturer

Vice President, Chief Operating Officer,
Chief Investment Officer and Director,
Alex. Brown Realty

“Real estate is a multidisciplinary career, requiring an understanding of finance, management, marketing, strategy, architecture, engineering and law. Having a real estate education program hosted at a major university that values all those disciplines—and is an academic and research leader in each—is a great benefit.”



Alumni Spotlight



Eric Walter MRED '10

Senior Vice President Acquisitions/Finance,
Greenberg Gibbons

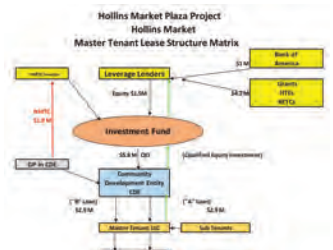
“I really enjoyed the competitions as real-life examples and training for my future job in a development company. What else was really beneficial about the program was the interdisciplinary approach, working with landscape architecture, architecture and planning students to come up with a solution for a proposed project that could be approved and was financially feasible.”

Heather Howard MRED '11

Development Associate,
The JBG Companies

“One of the reasons I chose to go to Maryland was because I wanted a program with faculty and speakers who are working professionals. Learning only from a textbook, there are some things you just can't pick up. I wanted professors who are in the field, who know how the industry is evolving, and what the new trends are.”





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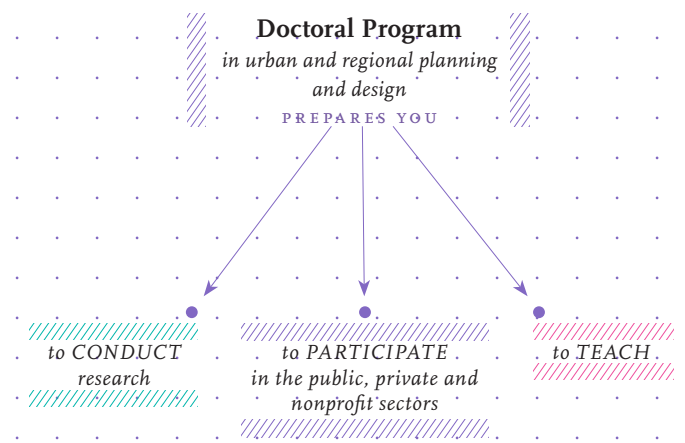
Ph.D.

Ph.D.

Doctorate in Urban and
Regional Planning and Design



Introduction



The doctoral program in urban and regional planning and design prepares you to conduct research in the public, private and nonprofit sectors. It also qualifies you to teach at the university level in the fields of urban planning, architecture or historic preservation. You'll find a nationally recognized faculty who share a commitment to multidisciplinary collaboration, intimate classes with individualized attention and a location that can't be matched. The postindustrial urban area of Baltimore, architecturally rich Washington, D.C., and historic Annapolis all provide a wealth of topics for your applied and theoretical urban planning and design research. The area is also a hub for state and national government agencies, consulting firms and universities—all potential future employers.



Doctoral Program

Year program
was founded

2002

Size
of class per year

5 students

Graduates have gone on to work
in the following fields:

Teaching

Bogazici University (Turkey)
Capital University of Economics
and Business (China)
Hong Kong University
Hoasen University (Vietnam)
Mary Washington College
Portland State University
University of Cincinnati
University of Illinois

Consulting

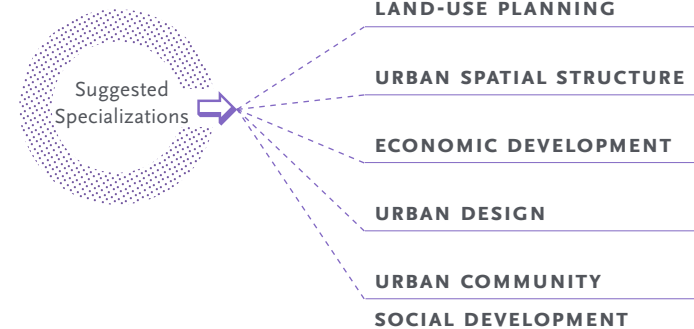
AARP
California Association of Realtors
Noblis

Government

Department for Research and
Strategic Planning (Baltimore)
Government Accounting Office
Ministry of Urban and Rural
Development (Beijing)
U.S. Department of Housing and
Urban Development

Academic Environment

At Maryland, you'll discover a vibrant interdisciplinary environment that encourages you to take courses across campus. Take four courses with your cohort, then pursue your area of interest on your own, working with your faculty adviser.



Research Opportunities

We're closely tied to the university's [National Center for Smart Growth](#), a nonpartisan center for research and leadership training on smart growth and related land-use issues, as well as the [U.S. Economic Development Administration University Center](#), which focuses on creating an innovative economy that fosters economic growth and high-quality jobs in our metropolitan area, the redevelopment of distressed communities and methods of promoting sustainable economic development. Both centers will provide you with opportunities to learn new planning technologies and for research and mentorship from some of the top experts in the field.





Student Spotlight



Christine Henry M.P.H. '10, Ph.D. '16

Henry's research is addressing the connections between historic districts and gentrifying neighborhood change, examining the displacement of longtime residents in the traditionally African-American neighborhood of LeDroit Park, in Washington, D.C.

"I have degrees in architecture and preservation, but the integration of all the disciplines in the school was really attractive to me. I'd be interacting with not just planners or architects, but also real estate developers and preservationists. We all work with the built environment and have different perspectives. The opportunity to have discussions with one another is really, really valuable."



Faculty Spotlight

Hiroyuki Iseki Ph.D.
Assistant Professor

Iseki's research focuses on balancing efficiency, effectiveness and equity in public policy with special attention to transportation and the environment. His research team is developing a web-based analysis tool that helps transit planners identify the most important improvements needed at transit stops/stations, based on inputs.

"Our faculty is composed of nationally and internationally well-known scholars and teachers who work on research on sustainability and smart growth. Many students benefit from research opportunities available at the National Center for Smart Growth, working closely with elected officials, planners and other practitioners in public, private and nonprofit sectors on sustainability, smart growth and related planning and policy issues in Maryland, in metropolitan regions around the nation and in Asia and Europe."

Alumni Spotlight

Timothy F. Welch Ph.D. '13
Assistant Professor, *School of City
and Regional Planning*
Assistant Director, *Center for Quality Growth
and Regional Development*
Georgia Institute of Technology

“When I was there, I worked for the National Center for Smart Growth, and that was good applied research that helped me hone my research skills, which was a big help in publishing papers and contributed to me getting my job.”

He took courses in civil engineering, agriculture and resource economics because he wanted to pursue a career in transportation policy.





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