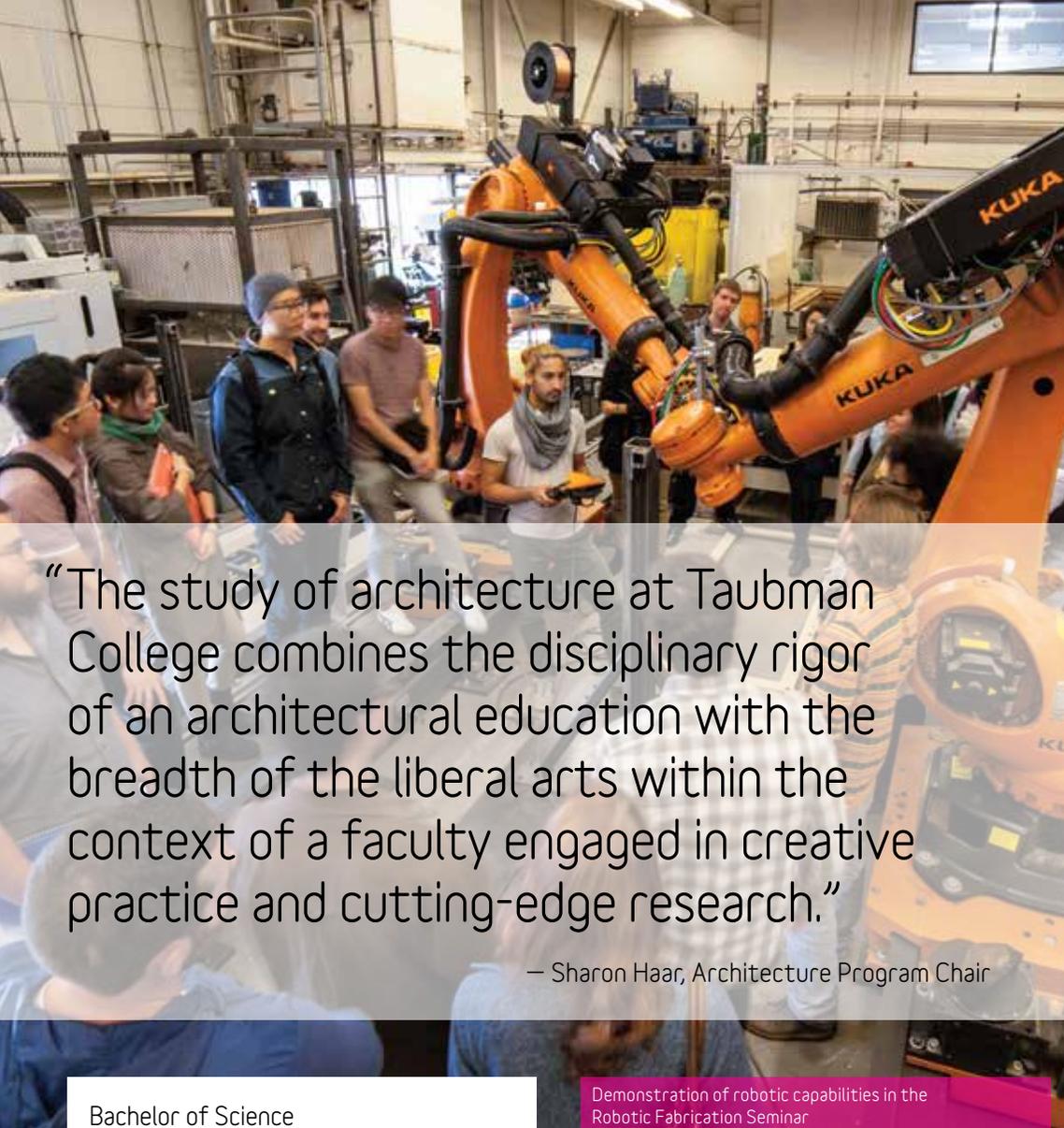




Bachelor of
Science in
Architecture



“The study of architecture at Taubman College combines the disciplinary rigor of an architectural education with the breadth of the liberal arts within the context of a faculty engaged in creative practice and cutting-edge research.”

– Sharon Haar, Architecture Program Chair

Bachelor of Science

Demonstration of robotic capabilities in the Robotic Fabrication Seminar

Taubman College of Architecture and Urban Planning is an internationally renowned, culturally diverse, and intellectually dynamic community of students, scholars, researchers, and teacher practitioners. Taubman College students are immersed in a curriculum that reinforces analytical and conceptual problem-solving skills with interactive studios, lectures, and seminars. The 125 credit-hour undergraduate architecture and liberal arts curriculum culminates in a pre-professional Bachelor of Science degree (B.S.) in Architecture.

The B.S. degree prepares students for future work in a myriad of areas. After graduating, some students choose to pursue graduate studies in a professional Master of Architecture

program in order to prepare for architectural licensure. Some pursue graduate study in related fields, including landscape architecture, engineering, art, construction, urban planning, urban design, or historic preservation. Others find opportunities with architecture firms or use the degree as a springboard for creative work in unrelated fields.

The first two years of the program combine the study of liberal arts with foundational architecture classes, exposing students to a broad educational experience while allowing them to develop the skills and knowledge essential to the study of contemporary architecture. During the last two years, students focus on architecture core courses such as design, representation,



B.S. student working in studio

construction, structures, environmental sciences, and architectural history and theory. Taubman College students understand the complexity of the design process, have knowledge of the techniques and technology of building, and possess the intellectual and aesthetic skills necessary for a creative synthesis of that information into meaningful and expressive design solutions.

Taubman College is one of 19 schools and colleges within the University of Michigan. Our unique features include: a state-of-the-art digital fabrication laboratory; a design studio measuring over 37,500 square feet; extensive travel abroad opportunities; a committed, energetic, award-winning faculty

with a wide range of research and design interests; a robust series of guest lectures and conferences; a globally diverse student body; and a 12:1 student to faculty ratio.

Applicants to the undergraduate architecture program can apply three different ways: as a freshman; as a cross-campus transfer (after completing two years of coursework at the University of Michigan); or as a new transfer (after completing two years of coursework outside the University of Michigan).



Freshman Applicants

Visit to Tengger Caldera in East Java, Indonesia as part of a spring travel course

High school seniors who have demonstrated an interest in architecture and/or design that can be translated into a portfolio are encouraged to apply for freshman admission. Demonstrated interest may include: taking visual art, CAD, or drafting classes; making things from imagination or invention (e.g. graphic design, furniture, sewing, crafts, costumes, theatre sets, etc.); experience with rendering software, digital technology (e.g. laser cutting, CNC machines, rapid prototyping, robotics, etc.) or woodshops; attending an architecture magnet high school, summer program, or after-school program; or working at an architecture firm.

Admission to Taubman College as a freshman student is highly competitive. Prospective architecture students are encouraged to investigate dual degree admission to Taubman College and another University of Michigan school or college (the College of Literature, Science & the Arts (LSA); the College of Engineering;

or the Penny W. Stamps School of Art & Design) to position themselves for preferred admission or dual enrollment.

Preferred Admission

The Preferred Admission Program creates another pathway to the Undergraduate Architecture Program for incoming U-M freshmen in LSA, the College of Engineering, or the Penny W. Stamps School of Art & Design. Students admitted through the Preferred Admission Program secure entry into the B.S. degree track in their junior year if 3.0 GPA and course requirements are met. LSA, the College of Engineering dual, and the Penny W. Stamps School of Art & Design applicants will be considered for preferred admission after being admitted as a freshman.

Dual Applications

Prospective students interested in acquiring multiple degrees from the University of Michigan may apply to Taubman College

and one of the following schools or colleges as incoming freshmen: the College of Literature, Science, and the Arts (LSA), the College of Engineering, or the Stamps School of Art & Design. Each institution will independently review and issue an admission decision for dual applications.

Applicants pursuing dual application with Taubman College are encouraged to submit their applications to LSA, the College of Engineering, or the Stamps School as early as possible, as students are admitted to these schools on a rolling basis. The Early Action deadline for LSA, the College of Engineering, and the Stamps School is November 1st.

High School Preparation

The most important consideration for students interested in studying at the University of Michigan is the quality of the core college preparatory curriculum. Students should elect advanced

placement, international baccalaureate, honors, enriched, and accelerated high school courses when appropriate and possible.

Recommended additional courses if available: 2D/3D design, visual art, CAD, or drafting class; woodshop; graphic design; participation in architecture or design focused summer programs or high schools.

Application

Please visit taubmancollege.umich.edu/applyarchitecture for detailed information about the bachelor of science in architecture requirements, application instructions, to schedule a visit, and to view sample schedules and course descriptions.



Cross-Campus Transfer Applicants

Current U-M students have the opportunity to engage in over 200 disciplines as part of a liberal arts curriculum at a world-class university. Taubman College faculty recognize the value of a liberal arts education to the shaping of a designer.

In preparation for the architecture curriculum, students complete between 60-70 credit hours and follow a curriculum of prescribed prerequisite architecture courses. Within these requirements there remains ample opportunity for students to select coursework and electives of individual interest. U-M students who elect to continue their pursuit of architecture apply to Taubman College at the end of sophomore year for junior level entry. Once enrolled, students begin an intensive

Finishing a project in the Woodshop

architecture curriculum that provides a firm foundation in the vocabularies, principles, skills, techniques, and knowledge of a broad range of environmental design determinants that are essential to professional work in architecture.

Application

The application deadline for cross-campus transfer applicants is February 1st. A portfolio of visual work, including pre-architecture courses, is required; the annual portfolio deadline is March 1st.



New Transfer Applicants

Students are also able to complete the first two years of course work at any accredited community college, college, or university other than the University of Michigan. Prior to beginning the undergraduate program junior year, applicants must complete a minimum of 51 credit hours/90 quarter hours, up to a maximum of 70 credit hours/105 quarter hours of prerequisite courses. See the reverse side of this brochure for requirements. Complete transfer guides are available at taubmancollege.umich.edu/transferguides.

Ideally, this course of study requires four and one-half years (nine terms/full time) for completion. The first two years will be done externally with the remaining two years to be

Undergraduate final project for Wallenberg Studio [top]
Studio review [below]

completed at the University of Michigan and Taubman College. Usually, new transfer students apply to Taubman College during winter term of their sophomore year. New transfer students begin architecture study in an intensive summer half-term prior to their junior year to facilitate a smooth transition to the Taubman College studio culture.

Application

Please visit taubmancollege.umich.edu/applyundergraduate for detailed information about the bachelor of science in architecture requirements, application instructions, to schedule a visit, and to view sample schedules and course descriptions.



Bachelor of Science
Required Courses (125 credits)

- 1 English composition course (4 credits)
- 1 calculus course (4 credits)
- 1-2 physics courses (lecture and lab) (5-10 credits)
- 3 introductory architecture/art studios (13 credits)
- 2 history of architecture courses (6 credits)
- 1 digital drawing course (3 credits)
- 2 humanities courses (6 credits)
- 2 social science courses (6 credits)
- 1 natural science course (3 credits)
- 4-5 architectural design studios (24-30 credits)
- 2 design fundamentals courses (6 credits)
- 1 construction course (3 credits)
- 2 structures courses (6 credits)
- 6-9 elective courses (20-36 credits)
- 1 environmental systems course (3 credits)
- 1 fabrication/representation course (3 credits)
- 1 Wallenberg Seminar (1 credit)

Please visit taubmancollege.umich.edu/applyundergraduate for more detailed information about our undergraduate architecture degree, application instructions, to schedule a visit, or to register as a prospective student.

Reviews in the CMYK gallery, Art + Architecture Building

For more information, please visit:
[taubmancollege.umich.edu/
architecture](http://taubmancollege.umich.edu/architecture)



Master of
Architecture



Master of Architecture

Model from Detroit Housing studio final reviews [top]
M.Arch. studio discussion [below]

Thesis reviews at Liberty Research Annex [top]
Final reviews in the new A. Alfred Taubman Wing [below]

Taubman College's graduate professional degree in architecture is a studio intensive degree that takes a critical view of design, theory, and production. Professional coursework and electives in topical areas supplement the traditional design education model. The combination of professional coursework and coursework in representation, history, and theory prepares students to engage in a research-based thesis design project as their final studio. The program offers a wide-array of electives in history/theory, criticism, structures, environmental and construction technology, urbanism, sustainable design, computation, and digital fabrication. It is enhanced by its context that includes urban planners, urban designers, doctoral students, and post-professional students concentrating in conservation, material systems, design and health, and digital technology.

The college recognizes the value of perspective gained from university-wide and discipline-wide collaborations and encourages students to utilize the resources available at a premier research institution. Students who earned an undergraduate degree in architecture complete the program in two years. Students who hold an undergraduate degree in other disciplines should expect to follow the 3-year master of architecture course of study.

3-Year Master of Architecture

Taubman College's 3-year master of architecture degree is designed for applicants who received an undergraduate degree in a discipline other than architecture. This 105-credit-hour degree draws upon the diverse backgrounds of the students

to encourage a multi-faceted discussion of architecture. The first year builds a foundation that drives the following years; students join their peers in the 2-year master of architecture track for the second and third years. To be eligible for admission, students must hold an undergraduate degree in any field and have fulfilled the two required prerequisite courses: 1 calculus course and 1 physics course with lab. Two studio art courses are also strongly recommended. Coursework for the 3-year master of architecture degree begins in late June.

2-Year Master of Architecture

Taubman College's 2-year, 60-credit-hour, master of architecture degree is designed for applicants who hold a bachelor of science degree in architecture or its equivalent.

A strong architectural design portfolio consisting of a minimum of four studios and previous coursework that fulfills the majority of required courses in the first year of our 3-year curriculum is required. Applicants to the 2-year degree whose undergraduate work does not meet these criteria will be considered for admission to the 3-year degree. The M.Arch. degree is accredited by the National Architectural Accrediting Board (NAAB).

Application

Please visit taubmancollege.umich.edu/applyarchitecture for detailed information about the 2-year and 3-year master of architecture requirements, application instructions, to schedule a visit, and to view sample schedules and course descriptions.

3-Year Master of Architecture Required Courses (105 credits)

- 7 architectural design studios* (42 credits)
- 1 thesis development seminar (3 credits)
- 1 design fundamentals course (3 credits)
- 1 architectural representation course (3 credits)
- 1 architectural theory + criticism course (3 credits)
- 1 architectural history course (3 credits)
- 1 architectural history elective (3 credits)
- 2 structures courses (6 credits)
- 1 professional practice course (3 credits)
- 1 construction course (3 credits)
- 1 sustainable systems course (3 credits)
- 1 environmental systems course (3 credits)
- 1 integrative systems course (3 credits)
- 1 fabrications course (3 credits)
- 5 architecture elective courses (15 credits)
- 2 elective courses (6 credits)

2-Year Master of Architecture Required Courses (60 credits)

- 4 architectural design studios* (24 credits)
- 1 thesis development seminar (3 credits)
- 1 architectural representation course (3 credits)
- 1 architectural theory + criticism course (3 credits)
- 1 professional practice course (3 credits)
- 1 sustainable systems course (3 credits)
- 1 integrative systems course (3 credits)
- 1 fabrications course (3 credits)
- 1 architectural elective course (3 credits)
- 2 elective courses (6 credits)

*During the final year, 2-year and 3-year Master of Architecture students research a thesis topic that culminates in a design project. This design project serves as the final studio.



Thesis Reviews at Liberty Research Annex

For more information, please visit:

[taubmancollege.umich.edu/
architecture](http://taubmancollege.umich.edu/architecture)



Master of Science in
Architecture Design
and Research

What is the Master of Science in Architecture Design and Research?

The MS in Architecture Design and Research is an intensive three-term (10-month) post-professional degree that introduces participants to design and research methods and new knowledge in two concentrations:

- Design and Health (MS_DH)
- Digital and Material Technologies (MS_DMT)

Design and Health

The Design and Health concentration promotes critical assessments of existing design practices, while seeking to catalyze new opportunities for design and architecture to positively influence health. MS_DH students explore the role of design in expanding healthy lifestyles, the challenges of disparities in access to healthcare facilities and amenities, and the way that design processes are embedded in pathological social systems.

Digital and Material Technologies

The Digital and Material Technologies concentration focuses on the technologies, materials, and production logics that are most drastically shaping and challenging our built world and its respective industries.

The DMT project-based research, led by innovative faculty in the college's world class Digital Fabrication Lab (FABLab), provides a powerful platform for students to explore novel construction approaches of designed objects at various scales. The FABLab leverages state-of-the-art industrial technology to perform architectural fabrication research. It houses six industrial robots, organized into three cooperative work cells, providing the ability to work at a wide range of material scales.



MS_DH



MS_DH



MS_DH

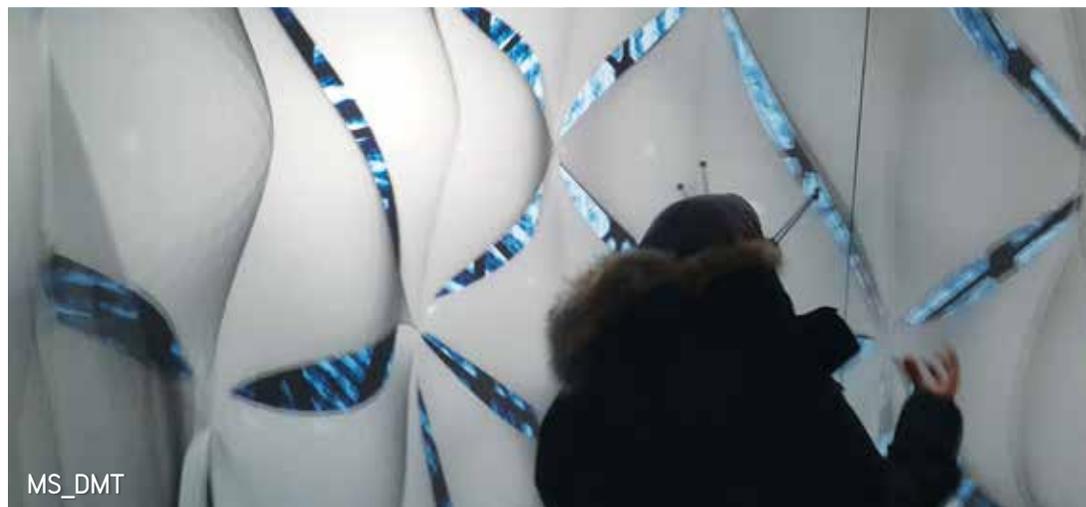


MS_DMT



MS_DMT

First Row: MS_DH students presenting final project. MS_DH students in Shenzhen, China for Arch 727 course trip. MS_DH student presenting work during summer term final reviews. **Second Row:** MS_DMT Capstone project by Nada Elsonni which won an award at the Reshape Competition in Barcelona. MS_DMT student presenting work during summer term final reviews. **Third Row:** MS_DMT student reviewing model created for Arch 703 Virtual Engagement course. MS_DMT students working in the FABLab with Assistant Professor in Architecture and FABLab Director, Wes McGee.



MS_DMT



MS_DMT

**The Master of Science in
Architecture Design and Research
Curriculum Requirements**

Master of Science in Design and Health

- Arch 700 MS Practicum (6 credits)
- Arch 714 MS Proseminar (3 credits)
- Arch 726 MS Theories in Design Health (3 credits)
- Arch 727 Health: Individual Infrastructures (3 credits)
- Arch 728 Health: Civic Infrastructure (3 credits)
- Arch 739 MS Capstone (6 credits)
- Two courses (6 credits) of 500/600 level elective architecture courses
- Two courses (6 credits) of non-architecture cognate courses at the graduate level

Master of Science in Digital and Material Technologies

- Arch 700 MS Practicum (6 credits)
- Arch 714 MS Proseminar (3 credits)
- Arch 701 Theories in Digital Technologies (3 credits)
- Three required of the four listed:
 - Arch 702 Robotic Engagement (3 credits)
 - Arch 703 Virtual Engagement (3 credits)
 - Arch 707 Material Engagement (3 credits)
 - Arch 708 Systems Engagement (3 credits)
- Arch 739 MS Capstone (6 credits)
- Two courses (6 credits) of 500/600 level elective architecture courses
- Two courses (6 credits) of either elective architecture courses or non-architecture cognate courses at the graduate level

STEM Degree

The Master of Science in Architecture Design and Research degree is an approved field of study within the U.S. government's official STEM fields list which allows international students to remain in the United States for a maximum of 36 months.

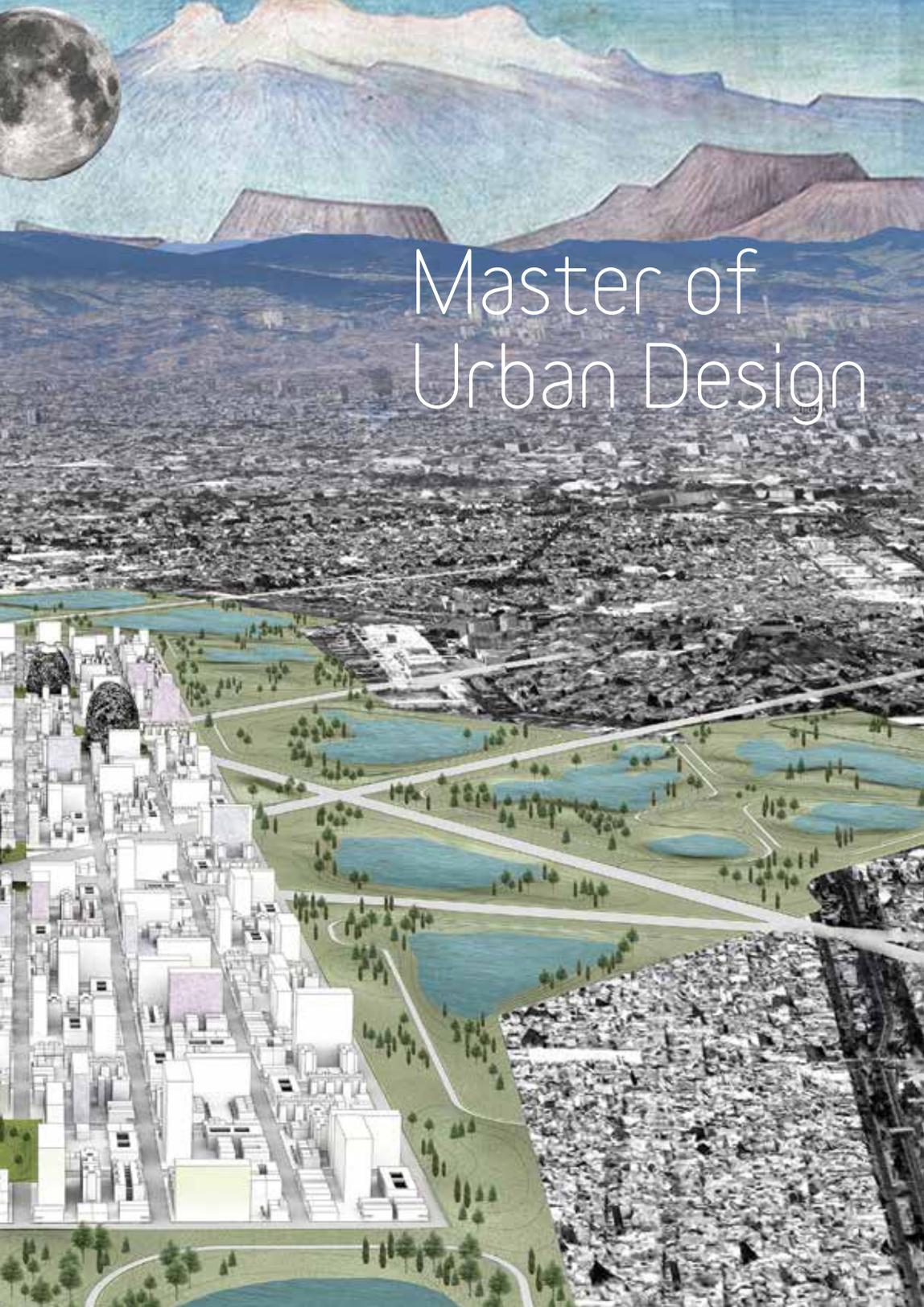
Application and Portfolio Deadline: January 15

For more information, please visit:

taubmancollege.umich.edu/ms



Cover: Taubman College FABLab

An aerial photograph of a city, likely Hiroshima, showing a stark contrast between a modern urban plan overlaid on the left and a vast, dark, rubble-strewn landscape on the right. The modern plan features a grid of streets, green spaces with trees, and several blue ponds. In the background, there are mountains and a large, full moon in the sky.

Master of Urban Design

The Master of Urban Design at a Glance

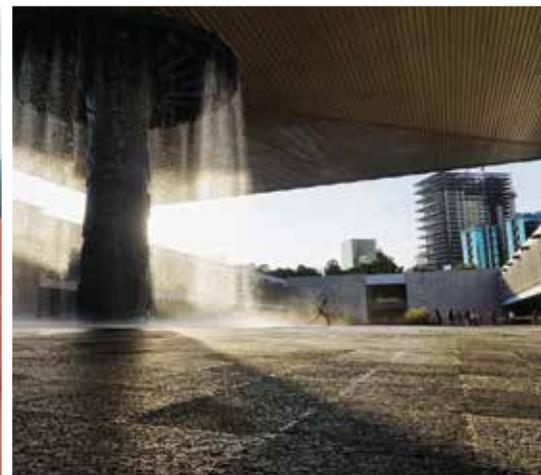
The Master of Urban Design (MUD) is a year and a half post-professional degree open to students with professional degrees in architecture, landscape architecture, or urban and regional planning. The MUD degree is invested in the conceptualization of the complex global processes of urban transformation. It addresses a diverse range of urban design thought and experimentation informing the work in selected national and international settings.

Students will approach urbanism through multiple scales of inquiry with studio projects prompting both analytical and speculative design work related to regional infrastructure and territory, urban housing, public-private development, urban governance, landscape processes, and civic space.

MUD students are encouraged to engage in collaborations with faculty members and advance their own research interests during their time in the program. Through the highly competitive MUD Fellowships, the degree supports this commitment by awarding students research stipends at their time of admission to Taubman College.

Program Structure

The MUD Program requires 45 academic credits distributed in three semesters: two fall full terms (September–December) and a winter full term (January–April). The studio-based curriculum is comprised of a cohesive set of three urban design studios that articulate the centrality of design in any fundamental urban transformation. The studios are complemented by seminars on urban finance and development, theories and methods of urban design, policy and urban governance, and cultural humanities.



Students also have the opportunity to advance personal academic interests by taking advantage of courses across campus as part of their selection of electives.

Travel

In order to gain a better understanding of urbanism on a global scale, the MUD degree involves travel to a variety of national and international metropolitan regions to bring students into direct contact with the communities for whom they will be designing.

Grounded in practice and globally-engaged, the degree builds upon academic and professional experiences to produce new urban design knowledge integrating real estate and public finance, urban governance, cultural humanities, and environmental stewardship.

Resources at Taubman College

As one of the top research universities in the world, University of Michigan students have access to the best technology and data to advance urban transformation research. Access to on-site, world-class facilities, including the Fabrication Lab and the Geo-Spatial and Numeric Lab enables students to engage in advanced technological platforms. Through the various resources and expertise available, students gain exposure to contemporary global practices and cultivate critical design experimentation advancing the agenda of urban sustainability.

First Row: Master of Urban Design (MUD) reviews MUD student project, "Habitat." **Second Row:** MUD student-produced aerial map. MUD students touring the High Line in New York City. **Third Row:** Students and MUD program director on travel course in German Ruhr Region. National Museum of Anthropology, in Mexico City, captured by MUD/M.Arch. dual student, Shane Donnelly during course trip.

MUD Curriculum Requirements

Fall Term

Studio I (6 credits)
History of Urban Form (3 credits)
Representation (3 credits)
Open or Directed Elective* (3 credits)

Winter Term

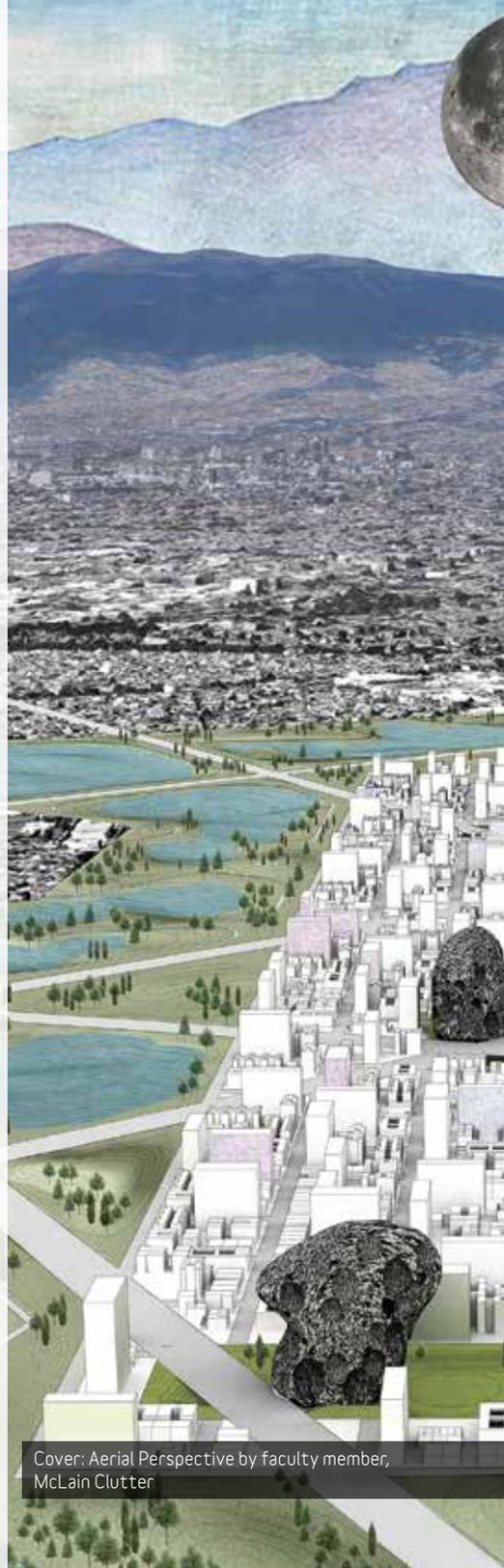
Studio II (6 credits)
Theories and Methods of Urban Design (3 credits)
Urban Economics, Finance, and City Making (3 credits)
Open or Directed Elective* (3 credits)

Fall Term

Studio III (6 credits)
The City and Urban Design: History, Movements,
Policies and Outcomes (3 credits)
Open or Directed Elective* (3 credits)
Open or Directed Elective* (3 credits)

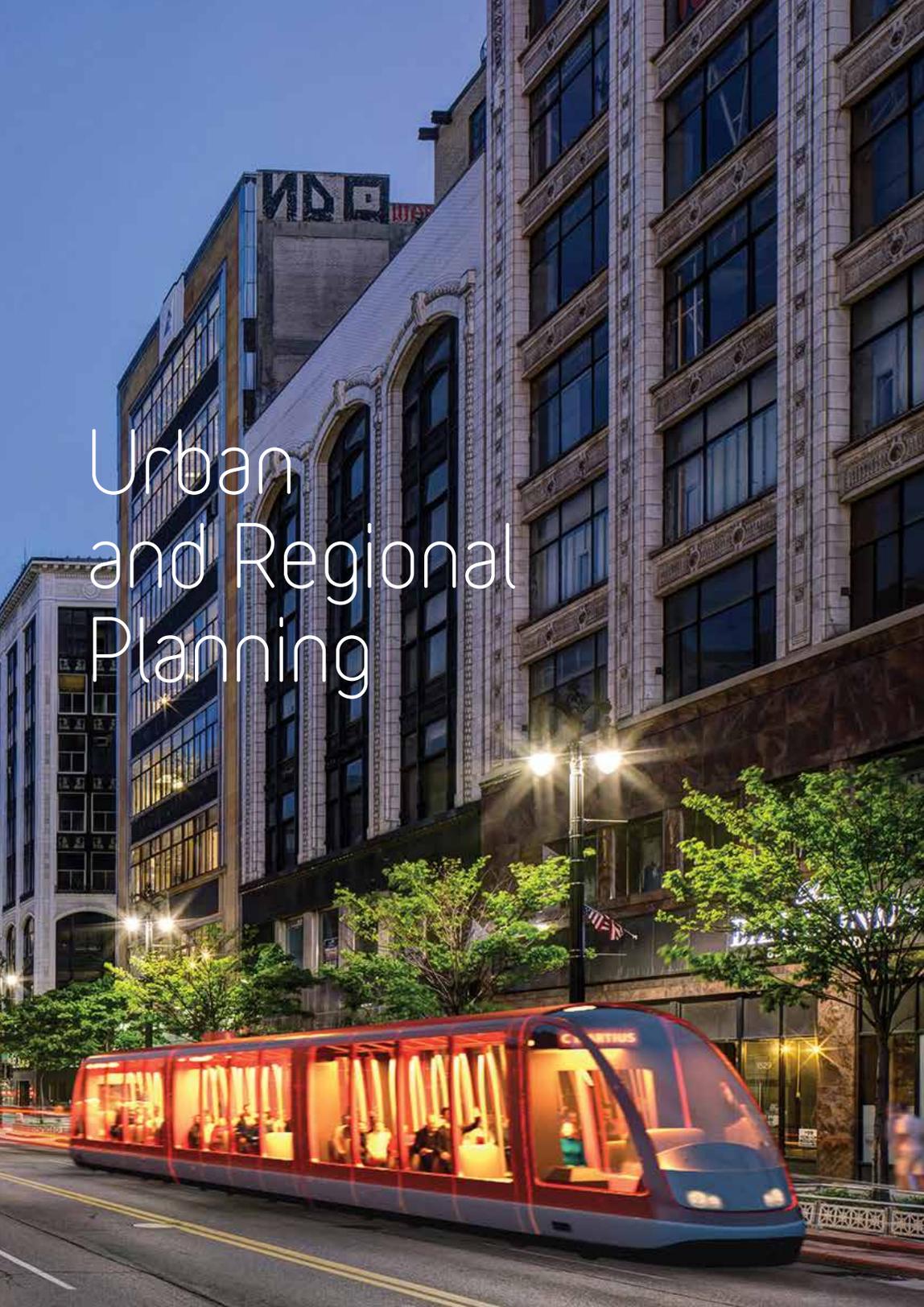
Application Deadline: January 15

For more information, please visit:
taubmancollege.umich.edu/mud



Cover: Aerial Perspective by faculty member,
McLain Clutter

Urban and Regional Planning



The Profession of Planning

Urban and regional planning is a profession that strives to improve the environmental quality, economic potential, and social equity of urban spaces. Planners seek to improve alternatives to sprawling, auto-dependent areas and to revitalize downtowns and inner-city neighborhoods. In addition, planners aspire to develop cities and towns in a manner that protects the environment; to create lively, interesting neighborhoods and commercial areas; and to foster sustainable development by identifying problems and opportunities, devising alternative policies, analyzing and implementing these options, and evaluating implemented designs.

Taubman College offers:

- Master of Urban and Regional Planning
- Ph.D. in Urban and Regional Planning
- Certificates in: Real Estate Development, Healthy Cities, Sustainability, Spatial Analysis, and Urban Informatics

Master of Urban and Regional Planning

The Master of Urban and Regional Planning (M.U.R.P.) degree offers professional education in the planning field. The course of study normally requires two years (four terms/full-time) for completion. The core courses, about one-third of the credits, provide background for all areas of planning. The M.U.R.P. degree, is formally accredited through the Planning Accreditation Board (PAB).

Concentrations:

- Global and Comparative Planning
- Housing, Community, and Economic Development
- Land Use and Environmental Planning
- Physical Planning and Design
- Transportation Planning



Ph.D. in Urban and Regional Planning

The Ph.D. in Urban and Regional Planning trains scholars for careers in higher education, research, and high-level policy positions. It is a doctoral degree with a flexible, interdisciplinary focus. Graduates work in universities, government, nonprofits, and the private sector around the world. The curriculum integrates analytical methods, research design, a rigorous understanding of urbanization dynamics, and an examination of broader social theories, processes, and policies. Students address complex systems that typically encompass an array of spatial, environmental, social, political, technical, and economic factors.

What Happens After Graduation?

Master of Urban and Regional Planning alumni utilize the skills and knowledge they acquired in the program in both the public and private sector all over the world. Graduates work in various government agencies, private sectors, and nonprofit organizations. Below are just a few of the many places our students end up taking their talents:

- Detroit Land Bank Authority, Detroit, MI
- Gensler, New York, NY
- Google, San Francisco, CA
- International Institute, Dessau, Germany
- Shenzhen Urban Planning and Design Institute, Shenzhen, China
- Transportation for America, Chicago, IL
- U.S. Department of Housing & Community Development, Washington, DC

First Row: Urban and Regional Planning students on capstone trip in Santa Marta, Brazil. Detroit's Eastern Market (photo by Michigan Municipal League). Second Row: Faculty member Eric Dueueke leading student tour of Detroit's Michigan Central Station. Urban and Regional Planning student presenting mapping project. Third Row: Urban and Regional Planning students in Cleveland for the annual Expanded Horizons on-side field study.

Degrees

Master of Urban and Regional Planning (M.U.R.P.)
Doctor of Philosophy in Urban Planning (Ph.D.)

Certificates

Real Estate Development
Healthy Cities
Sustainability
Spatial Analysis
Urban Informatics

Requirements

M.U.R.P. requirements (48 credits)
1 Statistics course (2-3 credits)*
1 Microeconomics course (2-3 credits)*
1 Theory course (3 credits)
1 Quantitative methods course (3 credits)
1 Law course (3 credits)
1 Fiscal planning course (2-3 credits)
1 Planning practice course (3 credits)
3-4 Concentration courses (9-12 credits)
2 Cognate courses (4 credits)
3-4 Elective courses (8-9 credits)
1 Capstone course (6 credits)
1 Spatial thinking and environmental systems (3 credits)
*These courses may be waived with appropriate prior coursework

Student Groups and Engagement Opportunities

Agora Planning Journal
Department of Housing and Urban Development (HUD)
Affordable Housing Student Design and Planning Competition
Detroit Community Partnership Center
Expanded Horizons on-site field study
Michigan Planners Network
Michigan Real Estate Club
Michigan Neighborhood AmeriCorps Program
Planning Research Group
Student exchanges with Morehouse University,
Howard University, and Spelman College
Urban Planning Student Association
Urban Land Institute Hines Competition

For more information, please visit:

[taubmancollege.umich.edu/
urbanplanning](http://taubmancollege.umich.edu/urbanplanning)



Cover: QLine in Detroit

Graduate Certificates at Taubman College

Graduate certificate programs allow interested graduate students an opportunity to gain knowledge and expand their skillset in fields that cut across several disciplines.



Real Estate
Development

Healthy
Cities

Urban
Informatics

Real Estate Development Graduate Certificate

The Graduate Certificate in Real Estate Development offers graduate students the opportunity to supplement their areas of study with knowledge about real estate development. It teaches students how to create places that enhance quality of life, conserve the natural environment, and provide choices for people of all incomes. The program also offers a stand-alone option for local professionals who are not U-M students.

Deadlines

Current U-M Students:

- March 1 for Fall Term
- December 1 for Winter Term

Non-U-M Applicants:

- January 15 for Fall Term
 - Applications for Winter Term will be accepted depending on availability
-

Healthy Cities Graduate Certificate

The emerging proliferation of healthy city initiatives worldwide is creating new opportunities to rethink urban processes from a public health perspective. The Graduate Certificate in Healthy Cities introduces students to basic skills and competencies needed to help develop health research, policy, and designs to build healthier communities.

Deadlines

Current U-M Students Only:

- March 1 for Fall Term
 - December 1 for Winter Term
-

Urban Informatics Graduate Certificate

Urban Informatics uses information technology for the analysis, management, planning, inhabitation, and usability of cities. The Graduate Certificate in Urban Informatics introduces students to this field of research and practice, providing students the opportunity to learn about urban technologies, data analysis, and explore related ethical and policy questions.

Deadlines

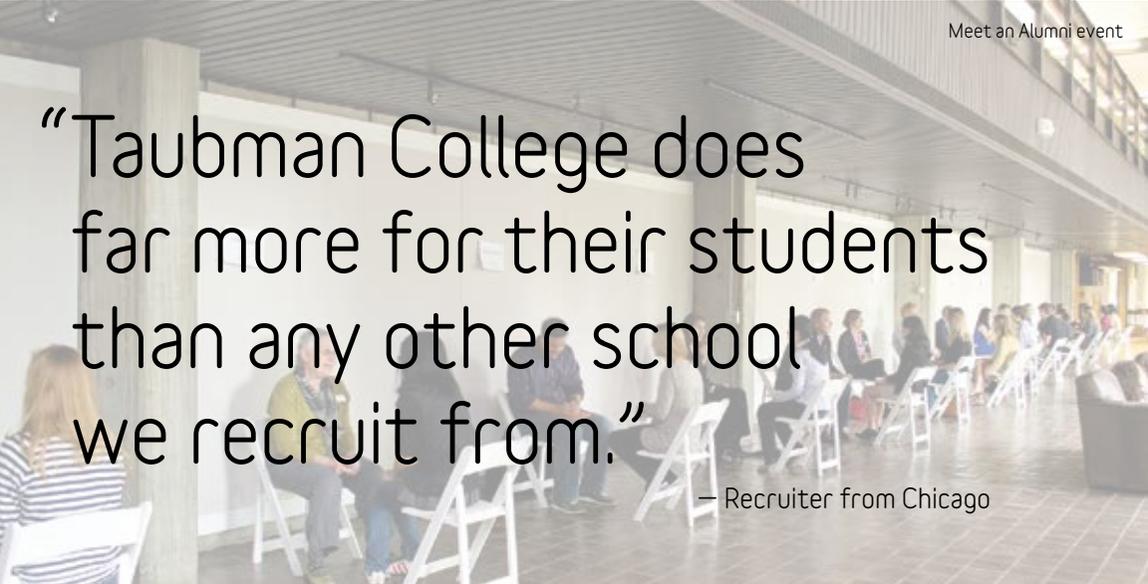
Current U-M Students Only:

- March 1 for Fall Term
- December 1 for Winter Term

For more information: taubmancollege.umich.edu/graduatecertificates



Career
Services



“Taubman College does far more for their students than any other school we recruit from.”

— Recruiter from Chicago



An employer provides feedback to a student's portfolio [top] Lunch and Learn with alumni Campion Platt [below]

Career Services

The Career Services staff at Taubman College offer a variety of programs, services, and resources to assist students in exploring careers and securing internships and full-time positions. Employers of Taubman College graduates include public, private, and nonprofit organizations in the U.S. and abroad.

The college offers a series of workshops, alumni brown bag discussions, and career panels to assist students in developing job search skills, preparing for interviews, and exploring career options in architecture, design, and planning.

Career and Networking Fair

Every spring, Taubman College hosts a career and networking fair to bring architecture, planning, and urban design students into contact with practicing professionals from across the country to exchange information about career opportunities.

The reputation of our programs attracts employers from all over the country to meet our excellent students. Employers may attend the networking and career fair or schedule an individual visit to meet, interview and/or discuss career opportunities with students from all degree programs.

Spring Break Externships

Taubman College's Spring Break Connections externship program allows students to gain experience in a work environment while developing marketable real-world skills. Gaining hands-on experience in a specific field gives the students a deeper understanding of their intended profession.

This program is held during the week of spring break and is open to currently enrolled urban design, urban planning, upper-level undergraduate and all graduate architecture students. It provides a wonderful opportunity for students

to shadow University of Michigan alumni or other professionals in the workplace, allowing them to apply their coursework and studio learning to a real-life setting. This knowledge helps prepare students for the transition from school to career.

More than 200 Taubman College students spend their spring break observing and working with professionals hosted at firms or organizations in over 20 cities in 15 states.

Spring Break Connections Externship Firms

To participate in the college's Spring Break Connections externship program, students ballot for specific firms or specific cities all over the country. Host firms include:

AECOM, Chicago, IL
Architecture Research Office, New York, NY
Architectonica, Miami, FL
Baxt | Ingui Architects, P.C., New York, NY
Cannon Design, Washington, DC
Chicago Metropolitan Agency for Planning, Chicago, IL
City of Detroit Planning Commission, Detroit, MI
Cooper Carry, Washington, DC
Design, Community & Environment, Berkeley, CA
Diller Scofidio + Renfro, New York, NY
EHDD, San Francisco, CA
Farr Associates, Chicago, IL
Fentress, Denver, CO
Gensler, Chicago, IL
Hamilton Anderson, Detroit, MI
HKS Architects, Detroit, MI
KieranTimberlake, Philadelphia, PA
Kohn Pedersen Fox, New York, NY
LandVision, Chicago, IL
LSM, Washington, DC
Lorcan O'Herlihy Architects, Los Angeles, CA
LTL Architects, New York, NY
Morphosis Architects, Los Angeles, CA
NBBJ, Columbus, OH
Olson Kundig Architects, Seattle, WA
Payette, Boston, MA
Pei Cobb Freed & Partners, New York, NY
Perkins + Will, New York, NY
Perkins Eastman, New York, NY
Quinn Evans Architects, Ann Arbor, MI
RTKL, Chicago, IL
Safdie Architects, Boston, MA
SHoP, New York, NY
SmithGroupJJR, San Francisco, CA
SOM, San Francisco, CA
Studio Daniel Libeskind, New York, NY
Studio Gang Architects, Chicago, IL
Tate Snyder Kimsey Architects, Los Angeles, CA
Valerio Dewalt Train, Chicago, IL
WXY Architecture + Urban Design, New York, NY
ZGF, Portland, OR

A photograph showing a busy career and networking fair. In the foreground, a woman in a grey coat and black boots walks towards the right, carrying a folder. Behind her, several other people, including men in business attire, are engaged in conversations. The background features large display boards with architectural images and posters. The overall atmosphere is professional and active.

Students and recruiters at the Career and Networking Fair

For more information, please visit:

[taubmancollege.umich.edu/
careerservices](http://taubmancollege.umich.edu/careerservices)



Events



Acadia 2016 Exhibition at Liberty Research Annex



Research on the City exhibition, Liberty Research Annex



David Adjaye lecture at the Michigan Union



Philip Beesley and Iris van Herpen lecture at Michigan Theater

Taubman College Events
taubmancollege.umich.edu/events

Taubman College provides access to international experts, interdisciplinary events, and unique programming hosted by more than 40 colleges and centers across the U-M campus. In formats as varied as conferences and lectures to workshops and informal conversations, the college hosts leading practitioners and theorists in architecture and urban planning who enrich the classroom experience and provide a unique perspective.

Lectures
taubmancollege.umich.edu/lectures

Taubman College broadens the conversation about architecture, urbanism, and design by inviting renowned scholars, esteemed architects and designers, and experts from other disciplines with a vested interest in the built environment to lecture and critique student work. Over a dozen lectures are held each term and are generally given in the college auditorium on Friday evenings.

Conferences/Symposia
taubmancollege.umich.edu/specialevents

The college hosts major conferences that bring together national and international architects, planners, designers, theorists, and experts from other disciplines to explore issues of college-wide interest. Faculty and students also plan symposia, conferences, and events during the course of each term on special topics related to architecture and urban planning.

Exhibitions
taubmancollege.umich.edu/exhibitions

Taubman College has two exhibition galleries, one in the Art and Architecture Building and one at the Liberty Research Annex in downtown Ann Arbor. The program of 10 to 12 changing exhibitions per academic year showcases research projects by faculty, student degree work, and explorations of new ideas about architecture and planning from outside individuals and institutions.

Previous Lecturers

- | | | |
|----------------------------|----------------------|------------------------|
| Michelle Addington | Timur Galen | John Ochsendorf |
| David Adjaye | Peter Galison | José Oubrierie |
| Lucia Allais | Todd Gannon | Gregg Pasquarelli |
| Stan Allen | Christine Gaspar | Antoine Picon |
| Amale Andraos | Theaster Gates | Albert Pope |
| Paola Antonelli | Michael Graves | Michael Pride |
| Alexandro Aravena | Toni Griffin | Jesse Reiser |
| Rachel Armstrong | Laurent Gutierrez | Heather Roberge |
| George Baird | Jefferson Han | Francois Roche |
| Cecil Balmond | Hou Hanru | Fernando Romero |
| Julie Bargmann | K. Michael Hays | Joseph Rosa |
| Henco Bekkering | Walter Hood | Evan Roth |
| David Belt | Timothy Hyde | Hilary Sample |
| Alan Berger | Bjarke Ingels | Saskia Sasson |
| Ila Berman | Lisa Iwamoto | Ashley Schafer |
| Marlon Blackwell | Jonathan Jackson and | David and Im Schafer |
| Julian Bleecker | Sarah Nelson Jackson | Terry Schwartz |
| Benjamin Bratton | Sam Jacob | Mack Scogon and |
| Marshall Brown | Casey Jones | Merrill Elam |
| Will Bruder | Eric Kahn | Craig Scott |
| Stephen Burks | Marcy Kaptur | Richard Sennett |
| Ingrid Carlbeg | Sheila Kennedy | Eric Sheppard |
| Majora Carter | Bernard Khoury | Lola Sheppard |
| Francis D.K. (Frank) Ching | Jeffrey Kipnis | Roger Sherman |
| Preston Scott Cohen | Leon Krier | Shohel Shigematsu |
| Shane Coen | Peter Lagerwey | Mitchell Silver |
| John Comazzi | Jimenez Lai | Bjørn Sletto |
| Maurice Cox | Sean Lally | Ken Smith |
| Ned Cramer | Sylvia Lavin | Julie Snow |
| Teddy Cruz | George L. Legendre | Edward Soja |
| Dana Cuff | Sze Tsung Leong | Robert Somol |
| Julia Czeraniak | David Leopold | Michael Speaks |
| Michael Dear | Panos Leventis | Bruce Sterling |
| Odile Decq | Robert Levit | Margaret Gould Stewart |
| Xaveer de Geyter | Paul Lewis | Susan Szenasy |
| Neil Denari | Ellen Lupton | Benedetta Tagliabue |
| Alexander D'Hooghe | Greg Lynn | Georgeen Theodore |
| Elizabeth Diller | Winy Maas | Marc Tsurumaki |
| Michele Oka Doner | John Macarthur | Sanjeev Vidyarthi |
| Evan Douglas | Rodolfo Machado | Peter Waldman |
| Ellen Dunham-Jones | Jeffrey Mackie-Mason | Alexandros Washburn |
| Sarah Dunn | Michael Manfredi | Sarah Whiting |
| Anna Dyson | Thom Mayne | June Williamson |
| Keller Easterling | Michael Meredith | Mabel Wilson |
| Peter Eisenman | Sigi Moeslinger | Laura Wolf-Powers |
| Rodophe el-Khoury | Curtis Moody | Dan Wood |
| Karen Fairbanks | Eric Owen Moss | Adam Yarinksy |
| Liza Fior | Farshid Moussavi | Meejin Yoon |
| Kristina Ford | Regina Myer | Alejandro Zaera-Polo |
| John Forester | Ben Nicholson | Andrew Zago |
| Mark Foster Gage | Guy Nordenson | |

Taubman College Event Supporters:

Benard L. Maas Foundation, Guido A. Binda Lecture and Exhibition Fund, John Dinkeloo Memorial Lecture Fund, Raoul Wallenberg Lecture Fund, Frances and Gilbert P. Schafer Visiting Professionals Fund, J. Robert Swanson Fund, Taubman College Enrichment and Lecture Funds

Dean Jonathan Massey's Inaugural Lecture in the Taubman College Commons, A. Alfred Taubman Wing



Technology



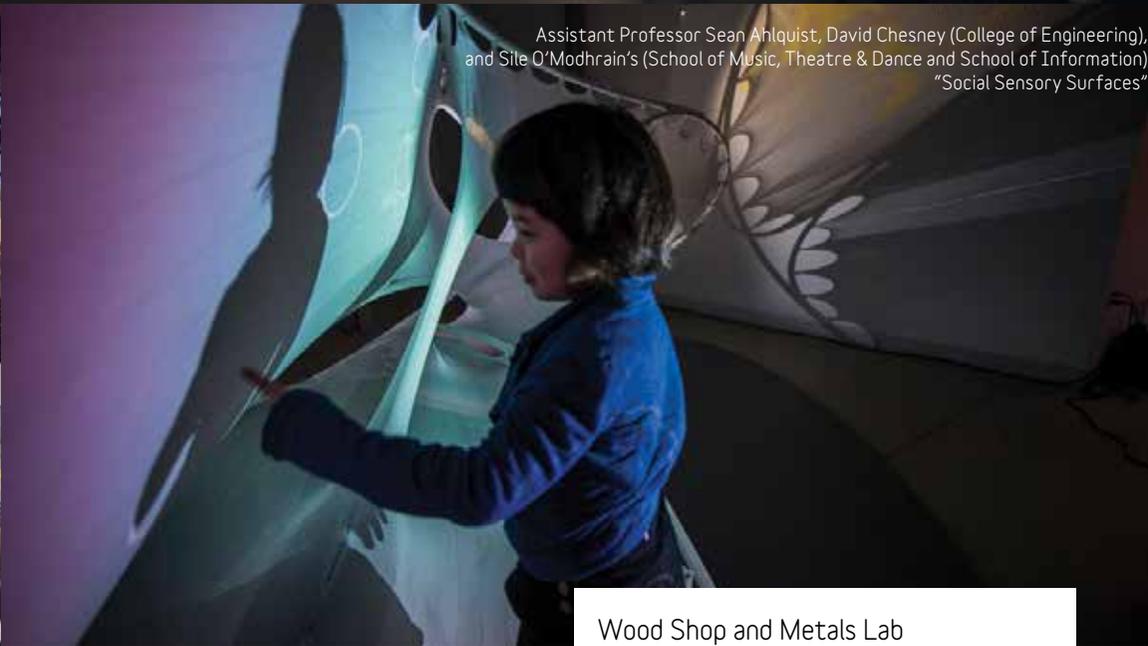
Assistant Professor Sean Vance, Rebecca Hasson (School of Kinesiology), and Siyang Ziui Chen's "Drop Kick Push Pull"



Associate Professors Geoffrey Thün and Kathy Velikov, and Assistant Professor Wes McGee's "Infundibuliforms: Cable Robot Actuated Kinetic Environments"



Assistant Professors Ana Morcillo Pallares and Jonathan Rule's "Panots and Mosaics: The Plasticity of Hydraulic Cement Through Making"



Assistant Professor Sean Ahlquist, David Chesney (College of Engineering), and Site O'Modhrain's (School of Music, Theatre & Dance and School of Information) "Social Sensory Surfaces"

SAND lab
taubmancollege.umich.edu/sandlab

The University Library's Spatial and Numeric Data Services (SAND) Lab provides assistance with searching for, working with, and managing spatial data, and provides resources for more effective use of Geographic Information Systems (GIS) technologies. Geospatial data and GIS tools are critical to understanding the complexity of the built and natural environments.

Digital Fabrication Lab
taubmancollege.umich.edu/fablab

The Digital Fabrication Lab (FABLab) leverages state-of-the-art industrial technology to perform architectural research. Taubman College is the leading architecture institution utilizing cooperative robotic automation to perform subtractive machining, additive fabrication, forming, and automated-assembly processes. The FABLab's world-class resources include: Six **6 robots** on **3 robotic workcells** for additive, subtractive, forming, and assembly research; two **3-axis** and one **5-axis CNC Routers** that machine wood, foam, or aluminum based on a digital model; two **CNC Mills** that machine metals,

Wood Shop and Metals Lab

including stainless and aluminum, manually or using CAM software; **CNC Waterjet** that cuts 2-dimensional profiles from sheets of material; **Zund Knife Cutter** that cuts through fabric, plastic, and paper; **3D Digitizer** that allows one to generate points in a digital modeling program based off a physical model; five **3D printers**, both ABS and plaster based, allowing rapid prototyping directly from 3D models; and a **Stoll knitting machine**.

The Wood Shop is a fully-equipped, 6,000 square-foot facility that also houses plastics and metal working equipment and CAD-driven laser cutters for wood, paper, and plastics. The Metals Lab provides tools, equipment, training, and workspace for projects involving sheet metals and steel structural sections. MIG (metal inert gas) welding stations, metal shears, and brakes, as well as cutting and bending equipment are available. The Metals Lab allows for a range of fabrication in support of studio and thesis work, research, and design-build projects.

Computing Environment

Taubman College maintains a computing environment in which information technology is easily accessible and available to students. The college's ubiquitous software deployment allows students access to software any time they are in the building.

Other Resources

Computing: 62 lab computers, multiple self-service printers and scanners, high-speed wireless access throughout the building

Art + Architecture Shop: 32 woodworking tools, 8 metalworking machines, 2 vacuum formers, outdoor staging space

Media Center: 7 plotters, 1 color printer, 1 black and white printer, 1 black and white KIP oversize printer, bindery, guillotine stack cutter, large format scanner

LaserCMM Facility: 5 laser cutters

Duderstadt Center/Library: 600,000+ printed volumes, over 250 architecture-related journal subscriptions, 400 computers, wireless, audio and video labs, open 24/7

Staff: The facilities have professional staff that oversee and guide the work that occurs within the shops and labs. Training programs are available for students.

Tutorials: Some trainings are available online: taubmancollege.umich.edu/tutorials

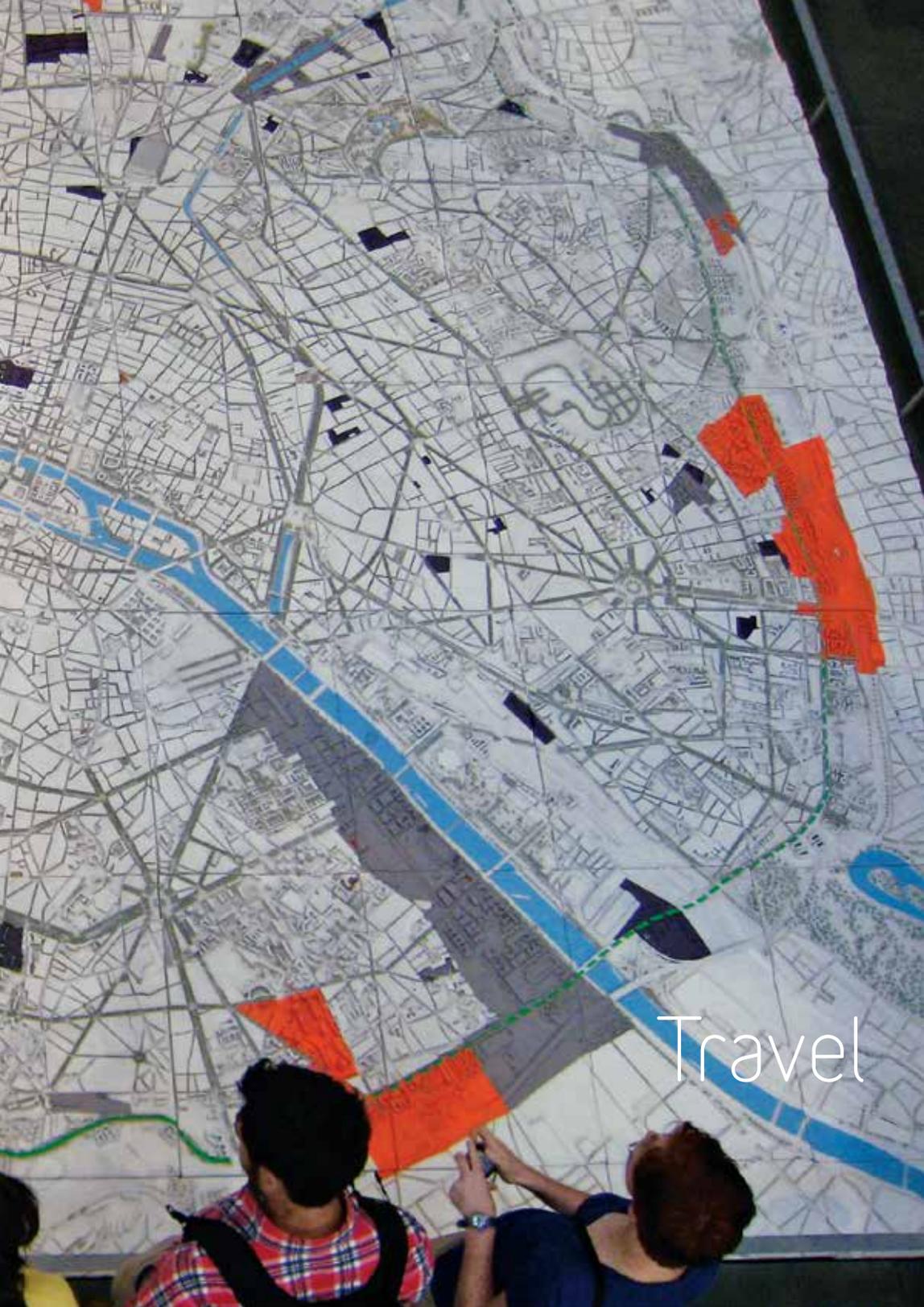
Hours: Shop and media center hours extend into the evenings and the weekend for students' convenience. The college has laser cutters and 3-D printers available in studio for student use 24-7.

For more information, please visit:

[taubmancollege.umich.edu/
resources](http://taubmancollege.umich.edu/resources)



Taubman College's digital FABLab features a seven-axis robot for subtractive and additive fabrication processes



Travel



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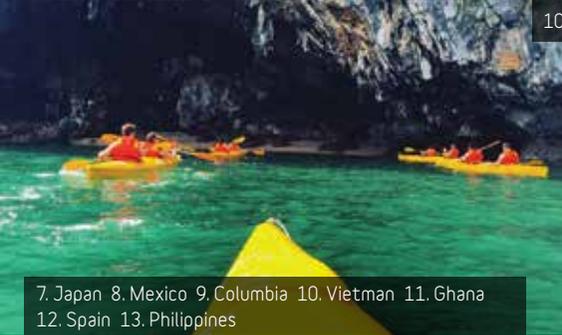
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Travel on Five Continents

1. Thailand 2. Iceland 3. Australia 4. Cuba
5. China 6. Turkey

7. Japan 8. Mexico 9. Columbia 10. Vietman 11. Ghana
12. Spain 13. Philippines

International elective courses are an essential part of Taubman College, granting students the opportunity to visit other countries while gaining access to facilities, groups, and individuals that might otherwise be closed to them. Travel courses complement the core curriculum, situating course content within a global context. The college has established partnerships with other programs around the world in order to promote a global cross-cultural exchange.

Recognized by the University of Michigan as a leader in offering travel opportunities abroad to students, the college offers travel opportunities to Africa, Europe, North and South America, and Asia. Professors also incorporate international experiences into the curriculum with travel to countries across the world. Students interested in other travel-related study are able to pursue them through other U-M schools and colleges. (www.globalportal.umich.edu)

This diversity of interests leads students not just to the traditional locations of Europe, but to the villages and global cities of the developing world. Courses provide exciting and unique educational, research, and service opportunities. Elective courses vary each year with faculty research interests, contacts, and topics that mandate immersion experience. International courses are available during the spring half term to all undergraduate and graduate students.

Taubman College's elective travel courses are respected as some of the most diverse international course offerings by any U.S. design institution.

To learn more and read travel course blogs, visit www.taubmancollege.umich.edu/travel.

Recent International Travel Course Countries

Albania
Argentina
Brazil
China
Croatia
Denmark
Ecuador
Egypt
England
Finland
France
Germany
Ghana
Greece
Guatemala
Holland
Iceland
Ireland
Italy
Japan
Mexico
Morocco
Netherlands
Norway
Russia
Scotland
Singapore
South Africa
Spain
Sweden
Switzerland
Taiwan
Thailand
Turkey
United Kingdom
Vietnam

Taubman College has many resources to support student travel including: Guido and Elizabeth Binda Travel Awards; Booth Traveling Fellows International Studio Fund; Virginia R. and H. Sanborn Brown Travel Prize Fund; Centennial Travel Fund; and Gordon Euker Scholarship for International Study/Travel.

For more information, please visit:
taubmancollege.umich.edu/travel

Assistant Professor Anya Sirota with students in Paris, Meta Friche course

