



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

Assistant Professor Wes McGee working with the 7-axis robot in the Taubman College FABLab

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 120 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 in other related design occupations while others use the degree as a springboard for creative work in unrelated fields.

In the first two years, students engage in the study of the liberal arts in addition to architecture, giving them a broad educational experience and allowing them to develop the critical tools and knowledge essential to the study of contemporary architecture. During the last two years, students focus on



B.S. student working in studio

architecture core courses such as design, representation, 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 the 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 32,000 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

Prospective students who have not attended an institution of higher education after graduating from secondary school, and are able to show a demonstrated interest in architecture that can be translated in 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 preferred admission or application to another University of Michigan program such as the College of

Literature, Science, & the Arts (LSA) and position themselves for cross-campus transfer.

preferred admission

The Preferred Admission Program at Taubman College creates another pathway to the Undergraduate Architecture Program for incoming U-M freshmen in the College of Literature, Science, and the Arts (LSA) and the 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 and Stamps School 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; woodshops; 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

Student working in the Wood Shop

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

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 annually. A portfolio of visual work, including pre-architecture courses, is required; the annual portfolio deadline is March 10th.



new transfer applicants

Wallenberg studio review and exhibition

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 60 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/applyundergraduate

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

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

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**bachelor of science
required courses (120 credits)**

- 1 English composition course (4 credits)
- 1 calculus course (4 credits)
- 1-2 physics courses (lecture and lab) (5-10 credits)
- 2-3 introductory architecture/art studios (6-9 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)
- 2 construction courses (6 credits)
- 2 structures courses (6 credits)
- 2 sustainable systems courses (6 credits)
- 6-9 elective courses (20-36 credits)

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