

Architecture

Architecture Building
(301) 405-8000

www.arch.umd.edu/architecture

Key Features of an Architecture Major

- Commitment to providing students with the education and experience necessary to meet the challenges in the building design industry
- Pledge to support the development, design, planning and preservation of the environment
- Collaboration with faculty, professionals, and fellow students in creating the infrastructure of the future
- Integration of theoretical and historical concepts with practical studio experience that provides a comprehensive approach to building design and technology
- Exposure to various aspects of the architectural profession, including historical preservation and urban planning

Career Options and Salaries with an Architecture Major

Architects design buildings and structures such as homes, businesses, and parks, among other examples. From the way a building looks to its function and safety, architects consider both aesthetic and practical issues. Beginning with the initial design of a structure through its construction, an architect works to insure that the building fulfills all aspects of the client's needs. Architects often work on construction sites, but also in an office environment where they envision and create their designs. So, while some architects concentrate primarily upon designing buildings, others may spend more time in construction management and planning. Some professionals focus upon one type of building design, such as hospitals, schools or homes. Flexibility, communication skills, and managerial ability are all traits necessary for a successful career in architecture.

Median annual earnings for architects in May 2015 were \$76,100 (*Occupational Outlook Handbook, 2016-17 Edition*, Architects, on the Internet at <http://www.bls.gov/ooh/architecture-and-engineering/architects.htm>).

Advising

If you are considering a major in Architecture, you can easily schedule an appointment to meet with an advisor in the School of Architecture to answer any questions you may have. To schedule an appointment, sign up online at the following address: <http://www.arch.umd.edu/arch/student-services-arch>

* Email: archadvise@umd.edu

* Phone: (301) 405-8000

Declaring an Architecture Major

Architecture is not a Limited Enrollment Program (LEP). If you are interested in majoring in Architecture, you can declare immediately!

Students interested in declaring an Architecture major are welcome to meet with an Undergraduate Advisor for an advising session. An advising session is required to officially declare Architecture as a major. Students should make an appointment to meet with an advisor here:

<https://booknow.appointment-plus.com/73x1re90/>.

- Michael Brick works directly with students interested in declaring a major in Architecture
- Email: brickm@umd.edu
- 301-405-6291

Additionally, students will need to obtain and complete a Declaration of Major form once they have met with an academic advisor in the Architecture department. For more information about obtaining a Declaration of Major form you must contact the Office of Undergraduate Advising.

The department also strongly suggests that students take at least one architecture class before declaring the major, although this is not required.

Declaration Process:

- Make an appointment and meet with an Undergraduate Academic Advisor (Michael Brick) in the Architecture Department
- Obtain and complete a Declaration of Major form
 - The form requires signatures from both a current academic advisor and Michael Brick
- Once the Declaration of Major form is processed, students will be admitted into the major

Four-Year Plan (General Education)

First Year:

ARCH 170 (HU)	3
UNIV 100	1
MATH 220/140 (MA)	3
ENGL 101(AW)	3
<u>Elective</u>	<u>3</u>
	14 credits

Humanities (HU)	3
ARCH 101 (optional 1 cr.)	1
PHYS 121 (NL)	4
History/Social Science (HS) **3	3
<u>Elective</u>	<u>3</u>
	15 credits

Second Year:

ARCH 225	3
ARCH 242	3
Natural Science (NS) *3	3
Elective	3
<u>Elective</u>	<u>3</u>
	15 credits

ARCH 226	3
History/Social Science (HS) **3	3
Scholarship in Practice (SP) **3	3
Elective	3
<u>Elective</u>	<u>3</u>
	15 credits

Third Year:

ARCH 400	6
ARCH 410	4
ARCH 227	3
<u>ENGL 39X (PW)</u>	<u>3</u>
	16 credits

ARCH 401 (OC)	6
ARCH 411	4
Directed Elective ***	3
<u>Elective</u>	<u>3</u>
	16 credits

Fourth Year:

ARCH 402 (OC/SP)	6
ARCH 412	4
Directed Elective ***	3
<u>Elective</u>	<u>3</u>
	16 credits

ARCH 403 (OC)	6
ARCH 413	4
ARCH History elective	3
<u>Directed Elective ***</u>	<u>3</u>
	16 credits

TOTAL = 123 credits

Gateway by 45 credits: ARCH170, ARCH225, ARCH226, ARCH242, MATH220/140 (AR), PHYS121 (NL), Natural Science (NS) *

*NS List: ENSP101, GEOL120, PHYS122, GEOG140, GEOL/AOSC/GEOG123

**All students must complete two distributive studies that are approved for I-Series courses. Students have a requirement for either two Understanding Plural Societies courses or one Understanding Plural Societies and one Cultural Competency course. These courses may also fulfill a Distributive Studies category.

***Directed Electives: are intended to allow students to pursue their special interests. This array of courses has been designed to provide sufficient flexibility so that students can develop areas of concentration, either within or outside of the program. <http://www.arch.umd.edu/arch/degree/bachelor-science-architecture>

Four-Year Plan (CORE)

First Year:

ARCH 170	3	ARCH 242	3
UNIV 100	1	ARCH 101*	1
MATH 220	3	PHYS 121	4
ENGL 101	3	CORE	3
CORE	3	<u>Elective</u>	3
<u>CORE</u>	3		14 credits
	16 credits		

Second Year:

ARCH 225	3	ARCH 226	3
CORE (Science)**	3	CORE	3
CORE	3	CORE	3
CORE	3	Elective	3
<u>Elective</u>	3	<u>Elective</u>	3
	15 credits		15 credits

Third Year:

ARCH 400	6	ARCH 401	6
ARCH 410	4	ARCH 411	4
ARCH 227	3	Directed Elective	3
<u>ENGL 39X</u>	3	<u>Advanced Studies</u>	3
	16 credits		16 credits

Fourth Year:

ARCH 402	6	ARCH 403	6
ARCH 412	4	ARCH 413	4
Directed Elective	3	Architectural History	3
<u>Advanced Studies</u>	3	<u>Directed Elective</u>	3
	16 credits		16 credits

TOTAL = 124 credits

*Optional, but recommended.

**BSCI205; GEOL120; PHYS122; GEOG140; ENSP101; GEOL/METO/GEOG 123

Note: ARCH170 and ARCH242 may be taken concurrently, if needed.

Q & A

What are some alternative majors that I can pursue?

Landscape Architecture (LARC) is a popular alternative to the Architecture major; although students must understand there are major differences between the two programs. Landscape Architects work closely with architects to enhance the natural areas surrounding a building. The two professionals may discuss where to place a septic system so that it is environmentally-friendly or the type of trees to plant in order to enhance the design of the finished building. Architects, especially those building public or government structures, share ideas and designs with engineers. Engineering (ENGR) is also a possible alternative, however it is an LEP. Engineers provide a practical approach to building, ensuring that the finished product is safe. Graphic Design makes another good alternative to architecture, allowing the individual to indulge his/her creative side. There are other non-LEP programs that make good alternatives as well such as Art History (ARTH), Art (ARTT) and Environmental Science (ENSP).

Are there any courses I need to take at specific times?

Yes. ARCH225 and ARCH226 should be taken in the fall and spring semesters respectively. Although Testudo does not officially recognize ARCH225 as a prerequisite for ARCH226, it should be treated as such. By not taking ARCH225, which is only taught in the fall semester, an applicant might delay an application by a year by not taking the course as soon as they can. A "B" is required for the major, and students will have to wait one year before attempting to repeat the course. As an alternative, some students are encouraged to do very well in a different major and then apply for a Master's degree in Architecture instead of a Bachelor's degree.

What kind of Architecture degree does UM offer?

The Architecture Program offers a four-year undergraduate course of study leading to the Bachelor of Science or a Bachelor of Arts in Architecture. This degree provides you with a comprehensive liberal education, while also delivering rigorous pre-professional study in Architecture. Unlike the five-year major, UM's program gives you the chance to explore a variety of disciplines before committing to the rigorous architecture studio education. Many students continue into the Master of Architecture program, either here at UM or at another institution.

What is the Degree Placement Review Process?

Students will need to apply through the Degree Placement Review Process during their sophomore year to determine what degree path they would be most successful in (B.S. or B.A.). Students will need to submit an essay, transcript(s), and portfolio in February. This will determine if a student can enter the B.S. in Architecture program the following Fall, or if the student will need to take an extra year to complete that degree. Students also have the opportunity to submit for the B.A. in Architecture, as well when being considered for the B.S.

Do you offer any opportunities for Study Abroad?

The School of Architecture Planning and Preservation offers 3-6 week programs in both the Winter and Summer Terms. In each of these, you will gain an understanding of the architecture and urbanism of foreign cultures through an intensive program of drawing, analysis, and historical studies. Programs are offered in Russia, Egypt, Thailand, Italy, France, India, Turkey, and Peru. If you are interested in studying abroad for a full semester, you should contact your advisor to be sure that you are fulfilling all major requirements *before* the studio sequence (your Junior and Senior years). Semester-long study abroad sessions can usually be taken during the Spring of your Sophomore year. These are administered through the University's Study Abroad Office (<http://globalmaryland.umd.edu/content/study-abroad>).

Can I minor in Architecture?

The School of Architecture offers minors in Construction Project Management, Real Estate Development, and Sustainability Studies. For more information visit, <http://www.arch.umd.edu/arch/minors-arch>.