

MASTER OF SCIENCE IN ARCHITECTURE

The School of Architecture's Master of Science (M.S.) is a STEM-designated, non-professional degree program requiring a minimum of 30 semester hours of advanced study and is oriented toward advanced practice, scholarship, and research. Applicants may have previous degrees in architecture or other related fields. The program accepts students with a professional degree in a design or design-related field, as well as students with a baccalaureate degree in a non-design field who wish to pursue an area of study offered in the Master of Science in Architecture degree.

Concentrations:

1. Advanced Production
2. Building Information Systems
3. Design Computation
4. Health and Design
5. High Performance Buildings

Multidisciplinary studies are strongly encouraged in all of the master's programs in architecture. These studies may be part of a formal dual degree program, including architecture and city and regional planning. Other multidisciplinary studies are possible within the College of Design, the Institute, or at other Atlanta area colleges and universities, such as Emory University and Georgia State University. Coursework outside the School of Architecture frequently includes city and regional planning, public policy, history, philosophy, real estate development, engineering, and studio art.

The deadline for applications is December 31st for all applicants for the following fall semester. Each applicant must have an outstanding undergraduate record and must submit a portfolio of creative work. The TOEFL is the only acceptable language test for admission to Georgia Tech. A score of 90 is required by Georgia Institute of Technology, with a minimum section score of 19 in each section of the test, however, the School of Architecture only accepts TOEFL scores near 100 for all foreign applicants. All applicants should be aware that each program in the School of Architecture has specific application requirements; therefore, all applicants should consult the relevant requirements for their chosen degree programs; by visiting the School of Architecture website or contacting an academic advisor.

For further details on the program, see www.arch.gatech.edu or contact an academic advisor in the School of Architecture.

The School of Architecture also offers a Master of Science in Urban Design (MSUD). For more information about this program, click here.

Code	Title	Credit Hours
Fundamental Courses		
ARCH 6512	Research Colloquium	3
ARCH 7625	Theories of Inquiry	3
Foundation Courses (select two)		6
ARCH 6242	Building Physics Modeling	
ARCH 6243	Evidence-Based Design	
ARCH 6502	Scripting for Architecture and Design	

ARCH 6508 Shape Grammars	
Design Application (select one option) ¹	6
ARCH 6050 Design + Research Studio 2	
ARCH 8903 Special Problems	
Thesis	6
ARCH 7000 Master's Thesis	
Concentration Electives ²	6
ARCH 6020 Media + Modeling 2	
ARCH 6210 Architectonics	
ARCH 6228 Analytical Investigations in Urban Design	
ARCH 6241 Building Simulation in Design Practice	
ARCH 6316 Practice of Architecture 2	
ARCH 6352 Theory of Architecture 2	
ARCH 6503 Building Information Modeling - Concepts and Applications	
ARCH 6506 Construction Materials, Systems, and Fabrications	
ARCH 6507 Parametric Modeling and Design	
ARCH 6510 Advanced Productions	
ARCH 6513 Building Systems & Data	
ARCH 7030 Media + Modeling 3	
ARCH 7360 Design & Climate Change	
ARCH 8630 Architecture Space & Culture	
ARCH 8833 Special Topics: Architectural Technology (Data Driven Methods)	
ARCH 8833 Special Topics: Architectural Technology (Data Driven Parametric Design)	
ARCH 8833 Special Topics: Architectural Technology (Adv Shape Grammars)	
ARCH 8833 Special Topics: Architectural Technology (Spatial Analytics)	
Total Credit Hours	30

¹ Special topics coursework taken to meet the Design Application requirements must meet additional qualifications. Please see student handbook for details

² The list here is illustrative. For a list of courses being offered currently, please see the MS Arch program webpages. Courses listed here may be substituted for other coursework, including guided self-study, with the area advisor's approval.