

ARCHITECTURE (MARCH)

Contacts

Program Director: Evan Pruitt, AIA

Email: Evan.Pruitt@Jefferson.edu

Campus: East Falls

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/architecture-and-the-built-environment/programs/architecture-march.html>)

Program Description

- STEM designated program

The Master of Architecture Program is a first-professional graduate degree designed to prepare students for architectural practice and licensure through the development of critical and creative thinking, technological skills and experience, sustainability focused design knowledge of project management.

Through an innovative approach to interdisciplinary collaboration, students within the MArch program have the opportunity to take four general elective courses in a wide range of fields, gaining the experience and expertise needed to have high-impact careers. With this flexibility, each student has a highly customized course of study throughout the degree program.

Balancing current sustainable design practices along with architectural history and theory, the program culminates with an individually defined and executed final Master's project. Students may choose one of three unique pathways for their final project: the capstone, the co-op or the thesis.

The curriculum can be completed in two to three academic years, depending on academic standing. Advanced standing is determined by the program director and is based on previous education and experience.

Learning Goals/Outcomes

- Address social and cultural issues through informed design solutions that prioritize equity, sustainability and resilience.
- Research, analyze, and compare design propositions in a global environment
- Collaborate and connect with disciplines beyond the expertise of architecture
- Demonstrate the ability to integrate history and theory, sustainable practices, and technology throughout design projects.
- Demonstrate familiarity of diverse needs, values, traditions, abilities, and spatial patterns of different cultures and individuals
- Integrate professional practice with issues of public health, safety, and welfare
- Demonstrate an understanding of the structural, environmental, and other building systems that support a healthy and sustainable environment.
- Demonstrate familiarity with current research and best practices.

Curriculum: 2-3 year, 90 credits or fewer depending on advanced standing

Course	Title	Credits
First Year		
ARCH 611	Design I	4
ARCH 602	Visualization 1	3
ARCH 632	Built Env in Age of Exploration	3
ARCH 641	Tech I: Materials & Methods	3
ARCH 612	Design 2	4
ARCH 651	Structures 1	3
ARCH 622	Visualization 2	3
Credits		23
Second Year		
SDN 601	Princ & Methods of Sust Design	3
ARCH 613	Design 3	4
ARCH 633	History 2	3
ARCH 652	Structures 2	3
ARCH 643	Tech 3: Dynamic Environ Sys	3
ARCH 614	Design 4	6
ARCH 624	Visualization 3: Advanced Mod	3
ARCH 634	History 3	3
ARCH 644	Tech 4: Adv Bldg Analysis	3
Credits		31
Third Year		
ARCH 615	Design 5 for Architecture	6
ARCH 630	Architectural Research Methods	3
ARCH 645	Tech 5: Documentation/Detail	3
ARCH 616	Design 6	6
ARCH 661	Professional Management	3
General Elective		6
Credits		27
Total Credits		81