

ARCHITECTURE (MARCH)

Contacts

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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	History 1	3
ARCH 641	Tech 1	3
ARCH 612	Design 2	4
ARCH 622	Visualization 2	3
ARCH 642	Tech 2	3
ARCH 651	Structures 1	3
SDN 601	Principles & Methods of Sustainable Design	3
Credits		29
Second Year		
ARCH 613	Design 3	4
ARCH 633	Early Modern Architecture and Interiors 1750-1930	3
ARCH 643	Tech 3	3
ARCH 652	Structures 2	3
ARCH 614	Design 4	6
ARCH 624	Visualization 3	3
ARCH 634	Modern/Contemporary Architecture and Interiors	3
ARCH 644	Tech 4	3
Credits		28
Third Year		
ARCH 615	Design 5	6
ARCH 630	Research Methods	3
ARCH 645	Tech 5	3
ARCH 616	Design 6	6
ARCH 661	Professional Management	3
Required General Elective Credits		12
Credits		33
Total Credits		90