

Architects are licensed professionals who design buildings and other structures. The design of a building involves far more than its appearance alone. Buildings also must be functional, safe, economical, and suit the needs of the people who use them. There are three main steps to become an architect: the attainment of a professional degree in architecture, work experience through an internship, and licensure through the passing of the Architect Registration Exam. Explore [Become an Architect](#) at NCARB.org.

Degree

Students choose from three paths to obtain a professional degree in architecture:

- 5-year Bachelor of Architecture (B. Arch) degree: most transfer students do not choose this option due to course sequencing or
- 2-year master's degree after obtaining a 4-year bachelor's degree in architecture or related area (M. Arch) or
- 3 to 4-year master's degree after obtaining a 4-year bachelor's degree in a major other than architecture (M. Arch)
- You will also need a license to practice architecture

Criteria of Importance for Acceptance to Architecture School

- Grade point average
- Portfolio if required (freehand drawing, painting, graphic design, sculpture, etc.)
- Personal interview
- Past practical work experience related to the field (construction, building, planning, etc.)
- Strong art, math, and science skills (especially physics)

Important Notes

- Due to the sequential nature of the coursework, transfer applicants for bachelor degree programs in architecture are often considered for admission as first year students. Four or five additional years to complete the program may be required.
- Each architecture school has its own set of requirements. Research each school for specific information.
- Make sure to check application deadline dates. It is common for architecture degree programs to be fall start only.
- Mechanical drawing and CAD, while valuable to understanding the profession, may not be required for admission.
- Architects need the ability to “conceptualize.”

Suggested* MCC Courses for Skill and Portfolio Development

(*not necessarily required for admission, and not all of these courses need to be completed at MCC prior to transfer)

- MTH 200 - Applied Calculus (or higher)
- BIO 116 - Intro to Environmental Science
- MET 101 - Technical Graphics
- MET 121 - Computer Aided Drafting/Design
- SOC 101 - Introduction to Sociology
- SOC 202 - Urban Sociology
- ART 118 - Art History I: Ancient
- ART 119 - Art History II: Modern
- ART 104 - Drawing I
- ART 204 - Drawing II
- ART 109 - Two-Dimensional Design
- ART 125 - Three-Dimensional Design
Additional 3-D courses (ex. sculpture)
- CIT 122 – Building Construction
- CIT 112 – CAD for Construction
- PHY 131 & 132 - Applied Physics I & II
- PHY 145 & 146 - College Physics I & II
- PHY 161 & 261 - University Physics I & II

Note: Physics requirements vary. Check with the transfer institution to see what level of physics they require.

Accredited Architecture Programs

The National Architectural Accrediting Board (NAAB) is the sole agency authorized to accredit U.S. professional degree programs in architecture. Since most state registration boards in the United States require any applicant for licensure to have graduated from a [NAAB-accredited program](#), obtaining such a degree is an essential aspect of preparing for the professional practice of architecture.

NAAB - Accredited Architecture Programs in the United States

Colleges in NYS Offering an Accredited Professional Degree in Architecture

Bachelor of Architecture (B. Arch-5 year)

- City College (CUNY)
- Cooper Union
- Cornell University
- New York Institute of Technology
- Pratt Institute
- Rensselaer Polytechnic Institute
- SUNY Alfred State
- Syracuse University

Master of Architecture (M. Arch)

- City College (CUNY)
- Columbia University
- Cornell University
- Parsons the New School for Design
- Pratt Institute
- Rensselaer Polytechnic Institute
- Rochester Institute of Technology (RIT)
- Syracuse University
- University at Buffalo (SUNY)

Related Occupations

Architectural Drafter, Civil Engineer, Commercial & Industrial Designer, Graphic Designer, Landscape Architect, and Urban Planner.

MCC Offerings

MCC has an AAS Degree in Construction Technology that can be good preparation for transfer to Civil Engineering Technology and Construction Management programs.

For more information

- [USDL, Occupational Outlook Handbook, Architects](#)
- [National Council of Architecture Registration Boards](#)
- [The Association of Collegiate Schools of Architecture](#)
- [The American Institute of Architects](#)

Note: While every effort is made to ensure that the information in this guide is accurate, students are advised to contact transfer institutions for specific course requirements and the most up-to-date information.