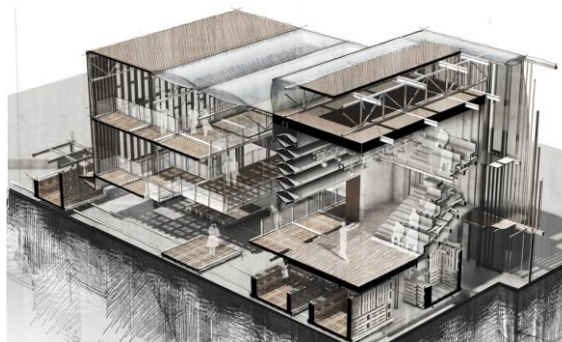## Suggested Schools to Research

Barnard College (NYC)
Carnegie Mellon University (PA)
Columbia University (NYC)
Connecticut College (CT)
Cooper Union (NYC)
Cornell University (NY)
CUNY City College (NYC)
Drexel University (PA)
Howard University (DC)
Ithaca College (NY)
Lehigh University (PA)
Middlebury College (VT)
MIT (MA)
Mount Holyoke (MA)
New Jersey Institute Tech (NJ)
New York Institute Tech (NY)
Northeastern University (MA)
Parsons School of Design (NYC)
Penn State University (PA)
Pratt Institute (NYC)
Princeton University (NJ)
Rensselaer Polytech Institute (NY)
SUNY Alfred State (NY)
SUNY Delhi (NY)
SUNY ESF (NY)
SUNY University at Buffalo (NY)
Syracuse University (NY)
Temple University (PA)
Univ. of Mass/Amherst (MA)
Univ. of Southern California (CA)
University of Maryland (MD)
University of Miami (FL)
University of Michigan (MI)
University of Notre Dame (IN)
University of Pennsylvania (PA)
University of Virginia (VA)
Wellesley College (MA)
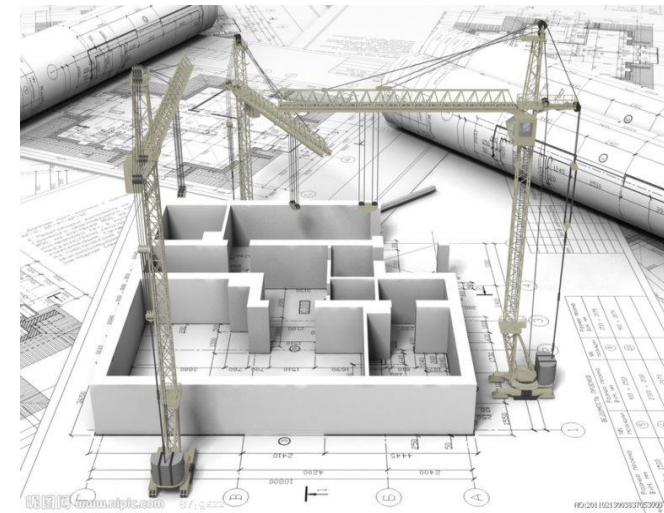Yale University (CT)

For Additional Information

- **Association of Collegiate Schools of Architecture**
  Tel: 202-785-2324
  www.acsa-arch.org

- **American Planning Association (APA)**
  Tel: 202-872-0611
  www.planning.org

- **American Society of Landscape Architects (ASLA)**
  Tel: 888-999-2752
  www.asla.org

- **Environmental Design Research Association (EDRA)** Tel: 703-506-2895
  www.edra.org

Explore Architecture & Environmental Design

**New Utrecht High School
College Office**

Types of Architecture Programs

- Architecture
- Environmental Design
- Landscape Architecture

What is it about?

- Architecture is a mix of art, science, math, history, and business so it requires you to have a robust background in a variety of subjects.

- Architecture majors prepare for the professional practice of architecture by learning how to design buildings and other aspects of the built environment.

- Architect majors don't have to be a great artist to be an architect but design is a big part of the program.

- In college, architect majors will learn how to work with others to imagine buildings, from straw-bale houses to the tallest skyscrapers. They will also learn the fundamental techniques of design, the use of construction materials, planning and receive studio training.

You might consider this major if you are good at/like:

- Art, sketching ideas
- Attention to detail
- Crafting, drawing, building models, designing
- Creative
- Environment
- Critical reading/thinking
- History
- Landscapes/Cities
- Math/Physical Science
- Organizing
- Photography
- Space thinking/analysis
- Team Work
- Visual Sensitivity

Recommended High School Prep

- English
- Algebra, Trigonometry, Geometry
- Pre-Calculus and/or Calculus
- Social Studies, History
- Physics, Biology, Chemistry, Environmental Science, Geography
- Visual Arts, Drawing
- Computer Applications

*These are courses that will be valuable to you prior to applying for architecture and environmental design programs.

What program should I apply to?

Consider the following when researching and selecting college program(s):

- Academic admissions criteria, SAT/ACT scores, location, environment, tuition fees, financial aid, school size, curriculum, etc.

- Ask the school about their design studios. How often the design studios meet and can you use them after class? Are studios equipped with state-of-the-art computer hardware and specialized software?

- Are the professors accomplished and practicing architects? Has the work of students in the department been recognized nationally for their work?

Career Trends

* Career trends vary based on program interest. Careers listed are not limited to the following:

Architecture/Landscape Architecture
- Architect, Landscape Architect
- Architectural Historian
- Construction Manager
- Graphic Designer
- Industrial Designer
- National Resource Manager
- Urban Planner

Environmental Design
- City/Community Planner
- Interior Design
- Neighborhood Housing Specialist
- Real Estate Developer

Urban, Community, & Regional Planning
- Land Use Planner
- Geographic Information Systems Director
- Transportation Planner
- Housing Coordinator
- Parks/Open Space Planner
- Cartographer