Architecture
& Design

Colby College supports studies in **architecture, design,** and their relationship to the **environment**. Created by the Art Department, this guide helps students interested in those fields identify curricular options and relevant opportunities on and off campus. You can use the guide to enrich your major of choice or to create an independent major in architectural studies. Make sure to also discuss your curricular and professional interests with your major advisor(s) and with Professor Bradley Borthwick, coordinator of architecture and design advising in the Art Department (Bradley.Borthwick@colby.edu).

The following pages review:

▷   Courses offered at Colby

▷   Off-campus opportunities, including study abroad and summer study

▷   Pathways for Studio Art, Art History, and independent majors

▷   Options for graduate degrees

▷   Contacts and resources on campus
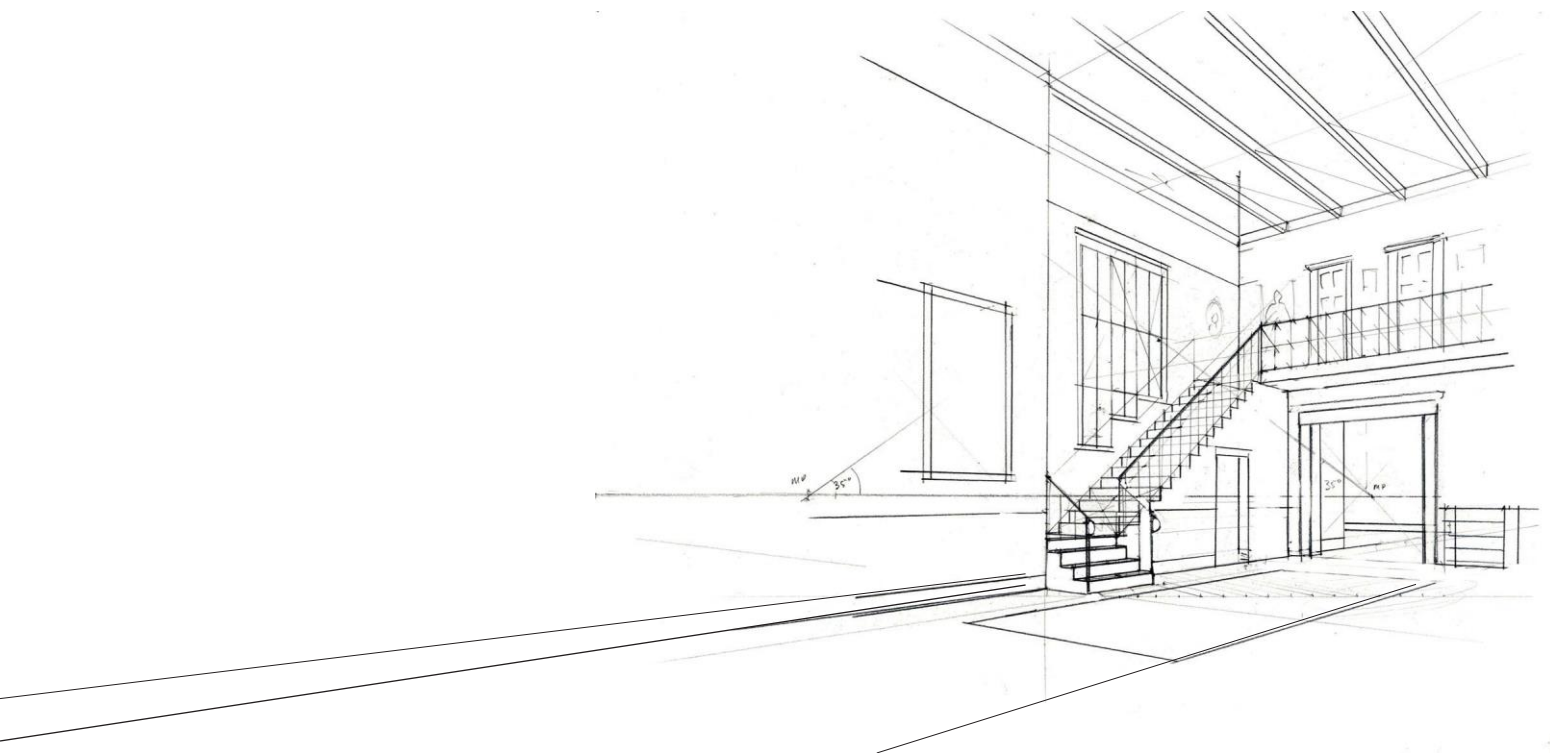
Students at Colby can develop a course of study in one of the following focus areas: 2D/3D arts and design, digital media, history of architecture, environmental art, environmental design, and cultural geography. They may do so through a combination of courses within and outside the Art Department.

▷   **Environmental art** is a term that once referred specifically to the Land and Earth Art movements. Today it describes more broadly art that engages with social and political issues related to the environment. Some use it to define art that aims to improve human relationships with the natural world. At Colby environmental art includes visual, literary, and performing arts.

▷   Like environmental art, **environmental design** can encompass architectural, environmental, and social contexts. As an interdisciplinary field of inquiry it involves planning and building communities and designing sustainable environments.

▷   **Cultural geography** is the study of cultural forms in relation to space and place. It includes cultural ecology, urban planning, globalization, political geography, and more.

Courses listed in this guide may not be offered every year. Those that do not carry prerequisites are marked with an asterix (*). Current course descriptions are available at **http://www.colby.edu/catalogue**.

2D/3D arts and design

AR131	Introduction to Studio Art*
AR135	Visual Thinking*
AR221	Drawing I*
AR222	Drawing II
AR265	Sculpture I: Architecture and Site*
AR266	Sculpture II: Artifact and Archive
AR268	Design Thinking Studio: Performative Sculpture
AR365	Sculpture III: The Nobility of Stone
TD135	Introduction to Design*
TD139	Stagecraft I*
TD235	Intermediate Design: Interactive Performance*
TD365/AR265	Architectural Imaging*

Digital media

AR228	Print and Digital Media I*
AR229	Print and Digital Media II
AR328	Print and Digital Media III
ES212	Introduction to GIS and Remote Sensing
ES214	Introduction to GIS and Spatial Analysis
CS151	Computational Thinking: Visual Media*
CS251	Data Analysis and Visualization
CS267	Interactive Digital Media
CS269	Computer Game Design
CS351	Computer Graphics
CS365	Computer Vision

Left: Silas Eastman, Human Remains, 2016, polychrome hardwood, steel, 30" x 26" x 252", Runnals Hill, Colby College.

History of architecture

AR111	Introduction to Western Art and Architecture: Prehistory through the Middle Ages*
AR112	Introduction to Western Art and Architecture: Renaissance to Today*
AR125	Art and Architecture of the Islamic World, 622-1258*
AR126	Art and Architecture of the Islamic World, 1258-1914*
AR127	History of Architecture I: Pyramids to Cathedrals*
AR173	East Asian Art and Architecture to 1300*
AR174	East Asian Art and Architecture, 1300-Present*
AR213	Early Medieval Art*
AR215	Art and Archaeology of the Ancient Near East and Egypt*
AR233	Mannerism and Baroque Art in Southern Europe*
AR257	Renaissance Art*
AR423	Modern Exhibition Culture
LA277	History of the Maya from 200 B.C.*

Left: Colby College Museum of Art, Alfond-Lunder Family Pavilion. Photo © Bittermann Photography, 2013.

Environmental arts

AM322	Imagining Maine, 1820-1920*
AR347	Art and Maine*
AR454	Picturing Nature: American Art and Science
CI321	Landscape/Cinema
EN115H	English Composition: Environmental Imagination*
EN282	Environmental Literature: Reading through the Ecocritical Prism
EN283	Environmental Humanities: Stories of Crisis and Resilience*
EN314	17th-Century Literature and the Natural World
EN333	Environmental Revolutions in American Literature and Culture
EN337	Climate Fiction*
EN382	Environmental Writing: Writing on Place*
ES120B	From Darwin to Dillard: Nature Writing through Time*
ES151	Landscapes and Meaning: An Exploration of Environmental Writing*

Environmental design

AR218	Architectural Design Workshop*
GE141	Earth and Environment*
GE254	Principles of Geomorphology

Left: Bradley Borthwick, *Monolith (Perpendicular)*, 2011, sandstone, 34" diameter, Donegal, Ireland.

Cultural geography

AM135B   Space, Place, and New York City*
AM221   Mapping Waterville*
AM226   Cultural Geography of Allen Island*
AM/AR228   Nature and the Built Environment*
AR229   Art, Community, and Ethical Urban
                     Development*
AM331   The Stadium and the City*
SO255   Urban Sociology
EC353   Urban and Regional Economics

Left: Aerial photograph of Waterville, Maine with a view of the railroad bridge across the Kennebec River.

Above: JJW Arkitekter, Ørestad Plejecenter / Senior Housing (2011), Copenhagen, Denmark.

Students interested in architecture and design should think strategically when planning off-campus study. The following approved programs include some areas of study not currently offered at Colby. For more information on off-campus study, go to **http://www.colby.edu/offcampus**.

Boston University – Geneva, Switzerland
> Switzerland: Art / Architecture
> London Architecture

Butler University – Birkbeck College, UK
> Art/Architecture London
> London Architecture
> Architectural History

Butler University – University of Edinburgh, UK
> Landscape Architecture

Butler University – University of Otago, New Zealand
> Architecture London: 1837-present

Butler University – Glasgow School of Art, UK
> Programs in Design and Architecture

CET Academic Programs – Siena, Italy
> Sienese Art and Architecture

Council on International Educational Exchange (CIEE) – Portugal
> Lisbon City and Architecture

Council on International Educational Exchange (CIEE) Central European Studies – Prague, Czech Republic
> Art/Architecture Prague
> Czech Architecture/Design

Council on International Educational Exchange (CIEE) – Barcelona, Spain
Design
Architecture
Global Architecture

Columbia University, Two Cities – Paris/New York
Architecture Design studios

Danish Institute for Study Abroad (DIS) – Copenhagen, Denmark
Architecture Foundations
Architecture I

Hamilton College – Paris, France
Contemporary Art and Architecture
Art/Architecture Paris
Urbanism and Architecture

Institute for the International Education of Students (IES) – Granada, Spain
Islamic Art/Architecture

Institute for the International Education of Students (IES) – London, UK
Architecture London
History Architecture London

New York University – Prague, Czech Republic
Czech Art/Architecture

Swedish Program
Modern Scandinavian Art/Architecture
London Architecture
Architecture/Modernity
Architectural History: Order/City
Urban and Rural Landscapes
History of Modern Scandinavian Art/Architecture

There are many summer programs that offer courses for undergraduates in the fields of architecture and design. Some of the programs in which Colby students have enrolled are listed here by state. Note that they are not officially affiliated with the college.

California

College of Environmental Design (CED) at University of California, Berkeley
[IN]Arch Program
[IN]City Program
[IN]Land Program

UCLA Architecture & Urban Design
JumpStart

California College of the Arts
Summer Session

Southern California Institute of Architecture
Making+Meaning

District of Columbia

The Catholic University of America
Summer Institute for Architecture

Idaho

University of Idaho, College of Art and Architecture
Design Week

Illinois

Illinois Institute of Technology College of Architecture
    IntroArch: Grad Prep Course

Architecture at Chicago, University of Illinois at Chicago
    YArch

Massachusetts

Harvard University, Graduate School of Design
    Summer Discovery Program

Missouri

Washington University in St. Louis, Sam Fox School
    Summer Architecture Courses

New York

The New School, Parsons
    Summer Studies in Constructed Environments

The Cooper Union, Irwin S. Chanin School of Architecture
    Introduction to Architecture

Columbia University, Graduate School of Architecture, Planning and Preservation
    Introduction to Architecture

City College of New York, Bernard and Anne Spitzer School of Architecture
    Architecture Summer Career Lab

Pratt Institute
    Summer Credit Intensives

Oregon

University of Oregon, Department of Architecture
Summer Architecture Academy

Pennsylvania

Chestnut Hill College, Design Science
Global Solutions Lab

Rhode Island

Rhode Island School of Design, Continuing Education
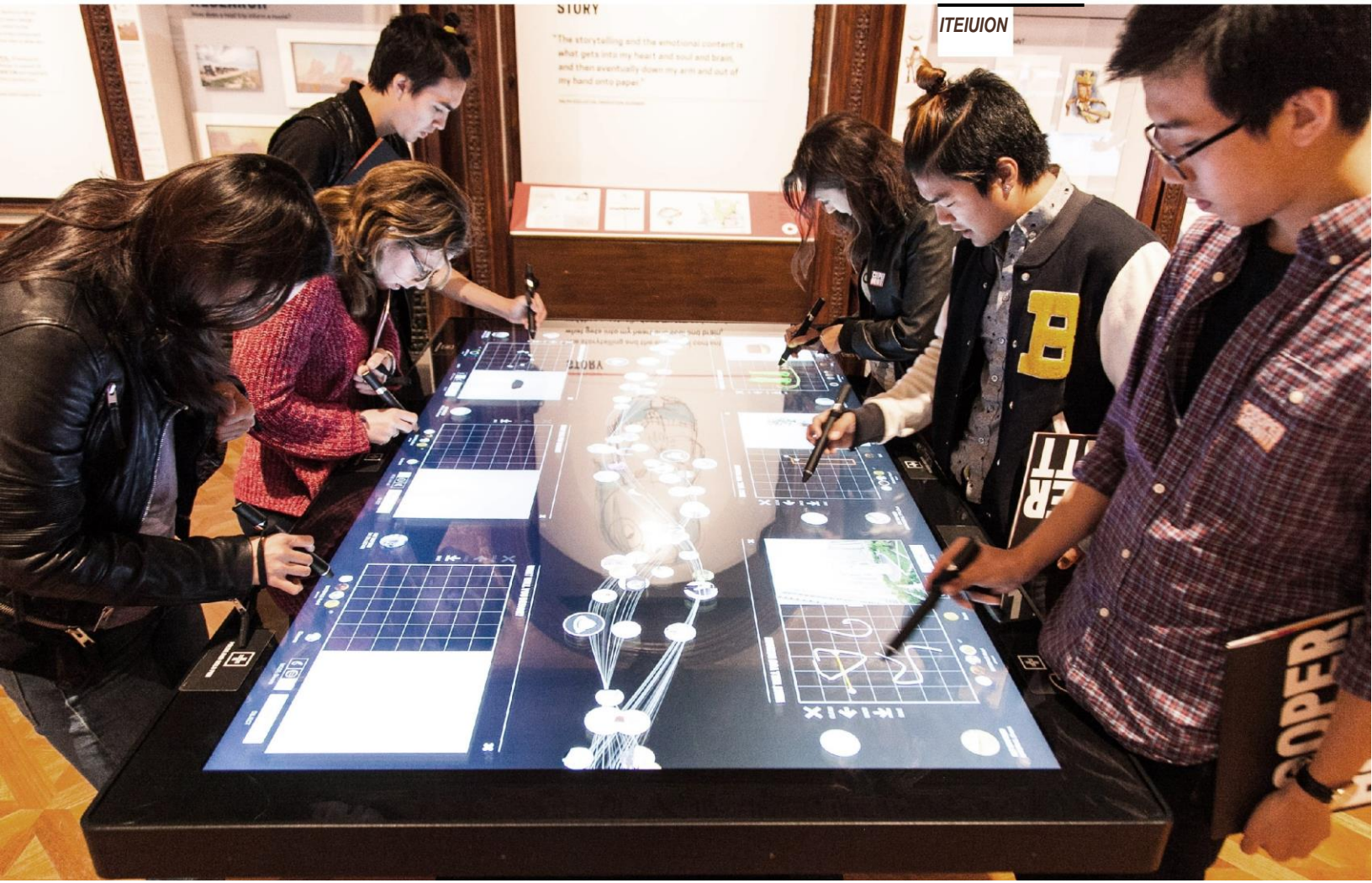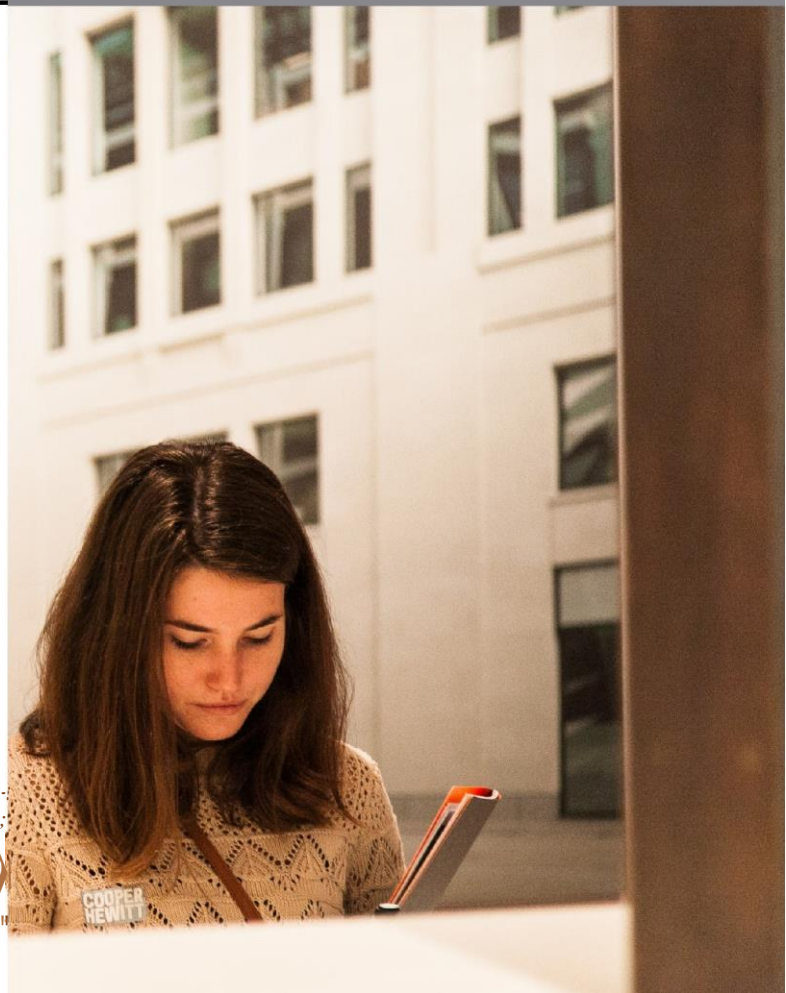Summer Studies Program

Texas

Rice University, School of Architecture
Summer Program in Architectural Design (LAUNCH)

University of Texas at Austin, School of Architecture
Summer Academy in Architecture

Washington

University of Washington, Department of Architecture
Arch 100 Summer Program

Through coursework on and off campus, Colby students can craft a major that will prepare them for a career in the fields of architecture and design. Below are three sample pathways--mapped through the Studio Art major, Art History major, and an independent major in architectural studies. Courses in brackets are recommended for students considering a graduate degree. On major requirements in Art, see **http://www.colby.edu/catalogue/requirements/ar.**

Sample 1: Studio Art major

Year 1   AR221 Drawing I
AR265 Sculpture I
100-level Art History course
[MA122 Series and Multivariable Calculus]

Year 2   AR218 Architectural Design Workshop (Jan Plan)
AR228 Print and Digital Media I
200-level Art History course
[PH141 Foundations of Mechanics]

Year 3   AR265 Architectural Imaging (TD365)
AR266 Sculpture II
Art History elective
[Study abroad]

**Year 4**   AR401-402 Studio Art Capstone
AR365 Sculpture III
AR366 Sculpture IV

Year 1   AR127 History of Architecture I: Pyramids to Cathedrals
AR131 Introduction to Studio Art
[MA122 Series and Multivariable Calculus]

Year 2   AR111 Introduction to Western Art and Architecture
AR173 or AR174 East Asian Art and Architecture
[AR221 Drawing I]
[PH141 Foundations of Mechanics]

Year 3   AR215 Art and Archaeology of the Ancient Near East and Egypt
AR257 Renaissance Art
AR328 Nature and the Built Environment
[AR265 Architecutral Imaging (TD365)]
[Study abroad]

Year 4   AR411 Theories and Methods of Art History
AR423 Modern Exhibition Culture
AR454 Picturing Nature: American Art and Science
AR494 Senior Research Seminar in Art History

Sample 3: Independent Architecture major

Year 1   100-level Studio Art course and/or AR221 Drawing I
MA122 Series and Multivariable Calculus
TD135 Introduction to Design
AR218 Architecutral Design Workshop (Jan Plan)

Year 2   AR127 History of Architecture I: Pyramids to Cathedrals
AR265 Sculpture I: Architecture and Site
PH141 Foundations of Mechanics

Year 3 AR265 Architectural Imaging (TD365)
AM221 Mapping Waterville
[Study abroad]

Year 4 AR328 Nature and the Built Environment
[Electives in AR, ES, EN, AM, etc.]
Capstone: Independent Study in Architecture/Design
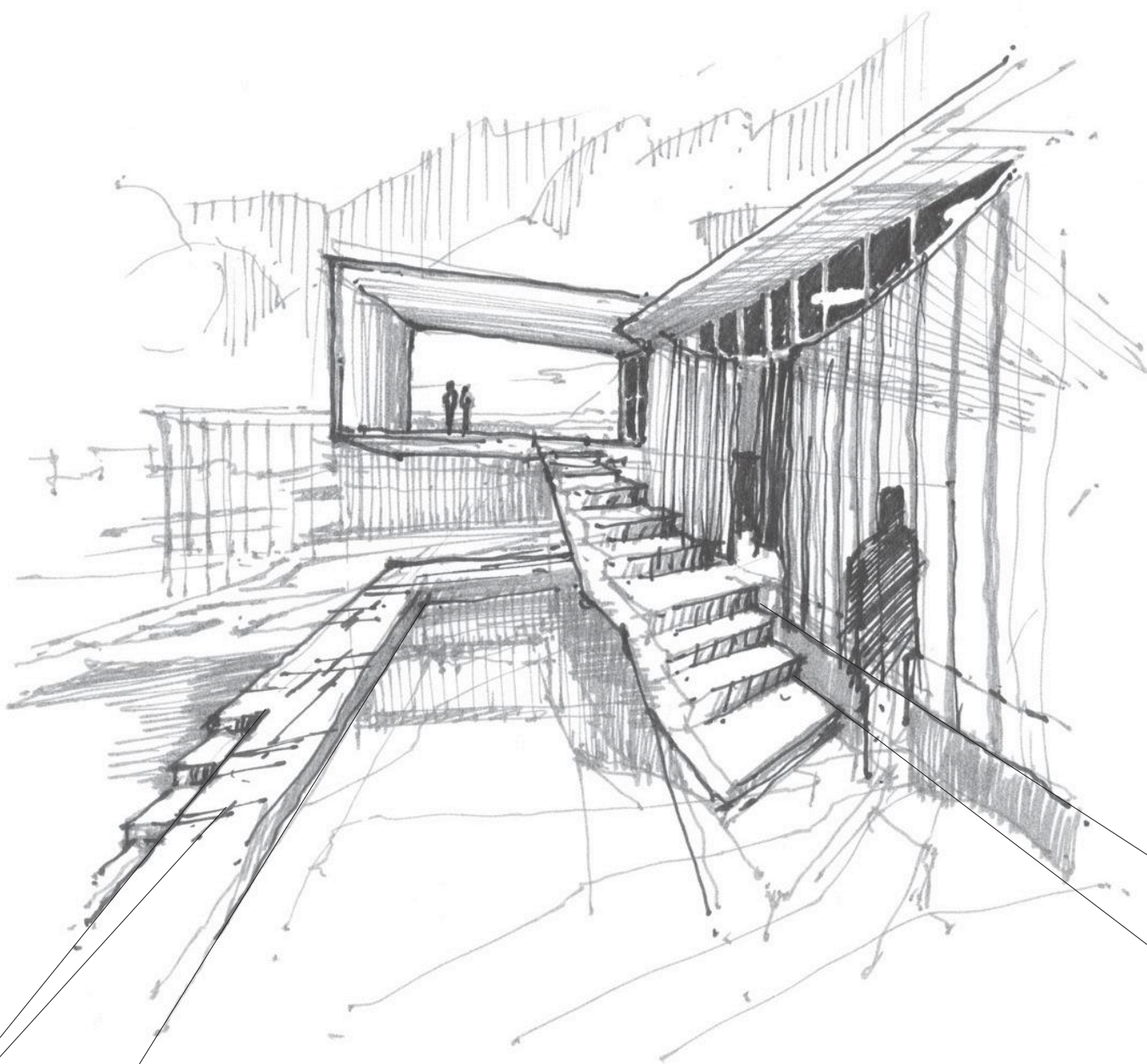
Graduate study

Graduate schools seek applicants from many backgrounds and often view students with a liberal arts education as strong candidates for their programs. Recent Colby graduates have attended the following degree programs. All require an architecture, design, or studio art portfolio as well as coursework in calculus, physics, art history / history of architecture, and studio art.

Listed below are additional requirements (if any) for liberal arts college graduates at the time of application and links to more information.

City College of New York (ccny.cuny.edu/architecture)
> Offers Masters degrees in Urban Design, Architecture, and Landscape Architecture. Applicants for the Masters in Landscape Architecture must have proficiency in design software and basic graphic design skills, or enroll in a summer intensive course, Spatial and Regional Representation.

Columbia University (arch.columbia.edu)

Cornell University (aap.cornell.edu)
> Liberal arts grads complete a 3 ½-year M.Arch. Introduction to Architecture Summer Program at Cornell is recommended.

MIT (arch.mit.edu)
> Liberal arts grads complete a 3 ½-year M.Arch.
> Application requirements:
> 2 Math courses (1 pre-calculus, 1 calculus)
> 2 Natural Science courses (usually Chemistry and Physics)
> 6 Humanities and/or Social Sciences courses

Northeastern University (northeastern.edu/camd/architecture)
> Liberal arts grads complete a 3-year M.Arch degree plus one summer term. Offers M. Arch and Masters in Sustainable Building Systems and in Sustainable Urban Environments.

Pratt Institute (pratt.edu/academics/architecture)
Liberal arts grads complete a 3-year M.Arch.

Rice University (arch.rice.edu)
Liberal arts grads begin with a design/architecture foundations curriculum.

University of California, Berkeley (ced.berkeley.edu/academics/architecture)
Liberal arts grads complete a 3-year M.Arch.

University of Michigan (taubmancollege.unmich.edu)
Liberal arts grads complete a 3-year M.Arch, with a summer intensive prior to their first year. Offers a PhD in Architecture.

University of Oregon (architecture.orgeon.edu)
Liberal arts grads complete a 3-year M.Arch degree. Emphasis on environmental design, green architecture, and sustainable systems design. Offers a PhD in Sustainable Design.

University of Pennsylvania (design.upenn.edu/architecture/graduate/professional)
Liberal arts grads complete a 3-year M.Arch.
Application requirements:
1 Descriptive drawing course or portfolio of architectural drawings
2 Architecture design studio courses

University of Texas at Austin (soa.utexas.edu)
Offers 12 Masters degrees in architecture and design fields, and 2 PhDs.

University of Virginia (arch.virginia.edu)
Liberal arts grads complete path 3 in the curriculum, typically a 3-year program. Students enroll in a five-week Summer Design Institute (SDI) prior to their first year.
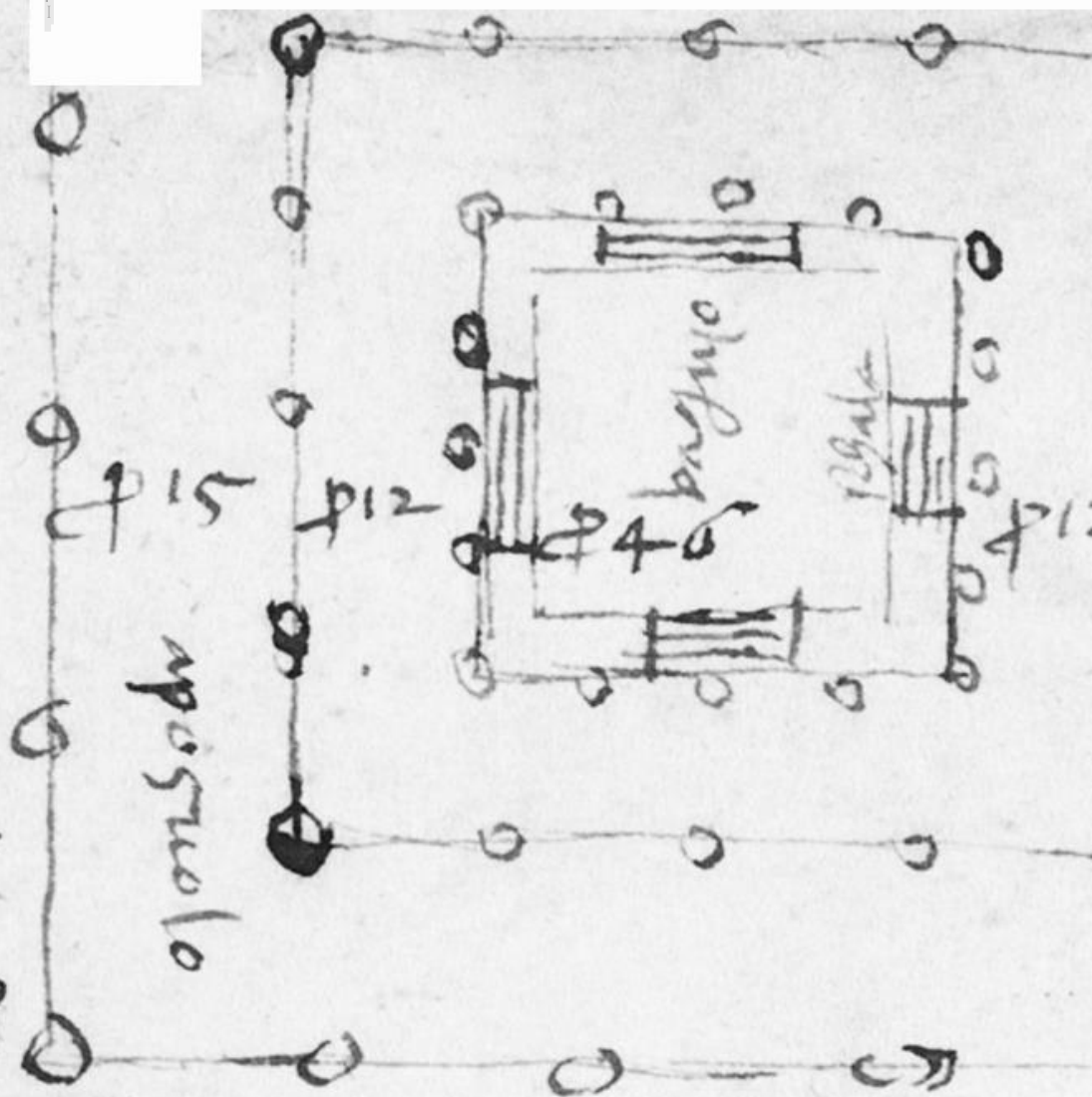
Yale University (arch.yale.edu)
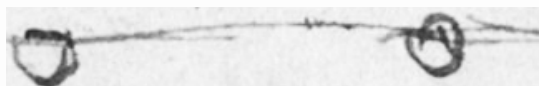Liberal arts grads complete the M.Arch I path in the curriculum.

Contacts

For questions concerning	Contact:
this advising guide and Art at Colby	Bradley Borthwick, Associate Professor of Art and Coordinator of Architecture and Design Advising, Bradley.Borthwick@colby.edu 207-859-5637
internships and careers in architecture and design	Jason Wall, DavisConnects Advisor for Communications, Entertainment, and the Arts, Jason.Wall@colby.edu 207-859-4144
studying off-campus (summer and abroad)	Nancy Downey, Director, Off-Campus Study, Nancy.Downey@colby.edu 207-859-4503
Colby's built environment	Mina Amundsen, Assistant Vice President for Facilities and Campus Planning, Mina.Amudsen@colby.edu 207-859-5012

Right: Francesco di Giorgio, sketch of the Baths of Trajan in Pozzuoli, 15th century

15

12

apostolo

apostolo

bagnio

bagnio

loggia

4

12

Colby