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
Course of study

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](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

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

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: JIW 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
<table>
<thead>
<tr>
<th>Location</th>
<th>Institution</th>
<th>Program</th>
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<tbody>
<tr>
<td>Oregon</td>
<td>University of Oregon, Department of Architecture</td>
<td>Summer Architecture Academy</td>
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<tr>
<td>Pennsylvania</td>
<td>Chestnut Hill College, Design Science</td>
<td>Global Solutions Lab</td>
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<tr>
<td>Rhode Island</td>
<td>Rhode Island School of Design, Continuing Education</td>
<td>Summer Studies Program</td>
</tr>
<tr>
<td>Texas</td>
<td>Rice University, School of Architecture</td>
<td>Summer Program in Architectural Design (LAUNCH)</td>
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<tr>
<td></td>
<td>University of Texas at Austin, School of Architecture</td>
<td>Summer Academy in Architecture</td>
</tr>
<tr>
<td>Washington</td>
<td>University of Washington, Department of Architecture</td>
<td>Arch 100 Summer Program</td>
</tr>
</tbody>
</table>
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.](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
### Sample 2: Art History major

**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 Architectural 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 Architectural 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.umich.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

<table>
<thead>
<tr>
<th>For questions concerning</th>
<th>Contact:</th>
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<tbody>
<tr>
<td>this advising guide and Art at Colby</td>
<td>Bradley Borthwick, Assistant Professor of Art Coordinator of Architecture and Design Advising <a href="mailto:Bradley.Borthwick@colby.edu">Bradley.Borthwick@colby.edu</a> 207-859-5637</td>
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<td></td>
<td>Kelly Doran, Assistant Director for Capital Planning and Construction <a href="mailto:Kelly.Doran@colby.edu">Kelly.Doran@colby.edu</a> 207-859-5031</td>
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