ARCHITECTURE

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Architecture is a humanistic endeavor. The purpose of the undergraduate major is to include the study of architecture within a comprehensive liberal arts education, drawing from the broader academic and professional environment of the Yale School of Architecture. The curriculum includes work in design; in history, theory, and criticism of architecture; and in urbanism, and leads to a bachelor of arts degree with a major in Architecture. As a liberal arts major in Yale College, it is not an accredited professional degree program. For accredited professional degree programs, refer to the requirements of the National Architectural Accrediting Board (NAAB).

INTRODUCTORY COURSES FOR NONMAJORS AND MAJORS

Introductory courses are ARCH 150, 200, and 280. They are open to all Yale College students and are required for those interested in the Architecture major prior to submitting a Declaration of Intent to Major. Interested students may also consider courses such as ARCH 260, 262, 312, or STCY 176.

PREREQUISITES

Three courses are prerequisite for all concentrations: ARCH 150, 200, and 280.

REQUIREMENTS OF THE MAJOR

Students majoring in Architecture are required to take fifteen course credits, including prerequisites and the senior requirement. Majors are expected to take the three prerequisites by the end of their sophomore year and to complete a core of four courses, for five course credits, by the end of their junior year. They must also base their studies in one of three areas of concentration: Design; History, Theory, and Criticism; or Urbanism. Majors are also required to complete three orientation sessions: advanced technology orientation, library orientation, and shop orientation. Within the concentrations, electives are categorized under four broad subject areas: history and theory of architecture; urbanism and landscape; materials and design; and structures and computation.

Design concentration The Design concentration explores the role of architecture in shaping the world around us. It introduces complex processes involved in solving spatial and programmatic problems. Creative work is grounded in the study of history and culture, and in the analysis of social conditions influencing architecture. Design studios provide a forum for production and discourse. Studio projects address issues of architectural form, space, composition, site, tectonics, and programs within broader humanistic ideals.

For the Design concentration, the following additional courses are required:

1. A core of four courses: the studio courses ARCH 250 and 251 taken during the junior year after the student is accepted into the major; and the history of architecture surveys ARCH 260, and 262 or 312, to be completed by the end of the junior year
2. One elective in history and theory of architecture as outlined in the elective options below
3. One elective in urbanism and landscape as outlined in the elective options below
4. One elective in materials and design as outlined in the elective options below
5. One elective in structures and computation as outlined in the elective options below
6. The senior requirement, ARCH 450 and 494

History, Theory, and Criticism concentration The History, Theory, and Criticism concentration is intended to establish a broad historical and intellectual framework for the study of architecture. An interdisciplinary approach is encouraged through additional courses taken in various fields of humanities and social sciences. Normally these interdisciplinary courses address subjects closely linked to architectural history, theory, and criticism. Such courses may include archaeology, history of religion, aesthetics, philosophy, or visual culture. Permission of the director of undergraduate studies (DUS) is required if the courses fall outside the specified course of studies. During their senior year students complete a written senior essay on a topic approved by the faculty.

For the History, Theory, and Criticism concentration, the following additional courses are required:

1. A core of four courses: the urban laboratory, ARCH 250 or 360 taken during the fall term of junior year; ARCH 362 or an elective taken during the spring term of junior year; and the history of architecture surveys ARCH 260, and 262 or 312 to be completed by the end of junior year
2. Four electives in history and theory of architecture as outlined in the elective options below
3. One elective in urbanism and landscape, materials and design, or structures and computation or other relevant course approved by the DUS as outlined in the elective options below
4. The senior requirement, ARCH 490 and 491

Urbanism concentration The Urbanism concentration encourages a broad, interdisciplinary investigation of the complex forces that shape the urban physical environment. The sequence of courses culminates in a senior essay that builds on course work, and either develops analysis and planning proposals for a specific site or furthers an individual research agenda.
For the Urbanism concentration, the following additional courses are required:

1. A core of four courses: ARCH 360 and 362 taken during the junior year; and ARCH 341 and 345, to be completed by the end of the junior year
2. Four electives in urbanism and landscape as outlined in the elective options below
3. One elective in history and theory of architecture, materials and design, or structures and computation, as outlined in the elective options below
4. The senior requirement, ARCH 490 and 491

**ELECTIVE OPTIONS IN SUBJECT AREAS**

**History and theory of architecture** Electives can be chosen from ARCH 271, ARCH 304, 314, 316, 354, 368, 380, 431 or other relevant courses approved by the DUS in History of Art. Examples of approved courses include: HSAR 118, 143, 200, 273, 383, 459, and 485.

**Urbanism and landscape** Electives can be chosen from ARCH 230, 314, 316, 324, 344, 345, 347, 354, 385, or other relevant courses in American Studies; Ethics, Politics, and Economics; Environmental Studies; or Political Science approved by the DUS. Examples include: AFAM 297, 358, 450, AFST 235, 345, AMST 258, 331, 348, ANTH 414, ENAS 425, ER&M 293, EVST 196, 227, 255, 292, 403, SOCY 341 and 584.

**Materials and design** Electives can be chosen from ARCH 162, 325, 330 or another relevant course approved by the DUS. One example of an approved course is MENG 285.

**Structures and computation** Electives can be chosen from ARCH 161, an approved calculus course such as MATH 112, 115, 120, or physics course such as PHYS 180, 201, 280, or other relevant course approved by the DUS. One example of an approved course is MENG 280. (Elementary calculus is strongly recommended as preparation for graduate studies in architecture.)

**REQUIRED ORIENTATIONS**

**Advanced Technology orientation** All Architecture students are required to complete orientation sessions in advanced technology workshop and materials laboratory. Students enrolled in ARCH 200 are required to complete these sessions at the beginning of the spring term of the sophomore year. Access to digital media equipment will not be allowed until the required orientation sessions have been completed. Questions should be addressed to the DUS or the director of advanced technology, Vincent Guerrero (vincent.guerrero@yale.edu), 432-7552.

**Library orientation** The Architecture program requires all students to complete a ninety-minute introductory library research session. Students enrolled in ARCH 200 must take this session at the beginning of the spring term of the sophomore year. Failure to complete the required orientation will preclude completion of the major. Students may not offer substitutions for this orientation. Students should register with the Haas Family Arts Library Public Services Librarian, Lindsay King (lindsay.king@yale.edu), 436-8052. Questions should be addressed to the DUS.

**Shop orientation** The Architecture program requires all majors to complete several woodshop and materials lab orientation sessions. Students who are enrolled in ARCH 200, and who are interested in using the shop, must take these sessions during the first weeks of the spring term of the sophomore year. Access to the woodshop and materials lab will not be allowed until the required orientation sessions have been completed. Questions should be addressed to the DUS or to the shop coordinator, Timothy Newton (timothy.newton@yale.edu), 432-7234.

**Credit/D/Fail** No course taken Credit/D/Fail may be counted toward the Architecture major.

**SENIOR REQUIREMENT**

Seniors in the Design track take ARCH 450 in the fall term and 494 in the spring term. Seniors in the History, Theory, and Criticism track and in the Urbanism track take ARCH 490 in the fall term and 491 in the spring term. Proposals for senior projects and essays are submitted in the fall term for review and approval by the senior project coordinator; they are then distributed to faculty members for review. Upon successful review, students may ask faculty members to act as senior advisers. Senior essays and projects for ARCH 491 are due in the office of the DUS by early April. Design projects for ARCH 494 are due as specified by the course instructor. All seniors must submit a portfolio of their work to the office of the DUS by late April. For all architecture majors, this portfolio must be representative of the student's design work including prerequisites and the senior project. History, Theory, and Criticism majors and Urbanism majors must also include a copy of the senior essay and other appropriate texts.

**ADVISING AND DECLARATION OF INTENT TO MAJOR**

Yale College students interested in the Architecture major must submit a Declaration of Intent to Major during the spring term of their sophomore year, after taking ARCH 150, 200, and 280. The Declaration of Intent to Major must be submitted to the office of the DUS (contact DUS for deadlines) and must include the following information: name, address, telephone number, courses related to architecture already taken, and a statement of purpose. Students should also indicate their desired concentration at this time. Additionally, students must submit an electronic portfolio representative of coursework for ARCH 150, 200, and a paper from ARCH 280. Upon the successful completion of these requirements, students are notified in writing regarding their acceptance to the major. Refer to the department website for important deadlines.
Courses in the School of Architecture  Unless otherwise indicated in the course descriptions, all courses in the School of Architecture are open to majors and nonmajors with permission of the instructor and the graduate registrar. They are not available for the Credit/D/Fail option. Students are admitted on the basis of their previous course work and previous performance.

REQUIREMENTS OF THE MAJOR

Prerequisites  ARCH 150, 200, and 280

Number of courses  15 course credits (incl prereqs and senior req)

Specific courses required  Design – ARCH 250, 251; 260; and 262 or 312; History, Theory, and Criticism – ARCH 250 or 360; 362 or elective; ARCH 260; and 262 or 312; Urbanism – ARCH 360, 362; 341, 345

Distribution of courses  Design – 1 elective in history and theory of arch, 1 in urbanism and landscape, 1 in materials and design, 1 in structures and computation, all approved by DUS; History, Theory, and Criticism – 4 electives in history and theory of arch, 1 elective in urbanism and landscape, or materials and design, or structures and computation; all approved by DUS; Urbanism – 4 electives in urbanism and landscape, 1 in history and theory of arch, or materials and design, or structures and computation; all approved by DUS

Other  Orientation sessions in advanced technology, library, and shop

Senior requirement  All concentrations – portfolio representative of design work, including prereqs and senior req; Design – ARCH 450 and 494; History, Theory, and Criticism and Urbanism – ARCH 490 and 491

A liberal arts education provides an ideal framework for studying architecture. Students in the major understand and pursue architecture as a humanistic endeavor. They graduate with a comprehensive understanding of the discipline of architecture as it relates to the ideas, concepts, and methods of designing buildings, cities, and landscapes within the broader context of culture. The major includes course work in design, history and theory, urbanism, landscape, and technology, and leads to a bachelor of arts degree. Architecture majors are prepared for advanced study in a variety of fields, including architecture, art, history of art, urban planning, environmental studies, social studies, and public affairs.

The major is open to all students; sophomores submit a Declaration of Intent to Major after taking three prerequisite courses.

The Architecture program offers several courses open to first-year students, including those listed below. First-year students may also take architecture courses offered through Yale Summer Session.

• ARCH 006 Architectures of Urbanism: Thinking, Seeing, Writing the Just City
• ARCH 154 Drawing Architecture
• ARCH 260 History of Architecture to 1750
• ARCH 262 Modern Architecture From the Enlightenment to the Millennium
• ARCH 312 Modern Architecture in a Global Context, 1750-present
• ARCH 341 Globalization Space

MEMBERS OF THE SCHOOL OF ARCHITECTURE TEACHING IN YALE COLLEGE

Professors  Turner Brooks (Adjunct), Keller Easterling, Alexander Garvin (Adjunct), Steven Harris (Adjunct), Eeva-Liisa Pelkonen, Alan Plattus, Alexander Purves (Emeritus)

Associate Professors  Kyoung Sun Moon, Elihu Rubin

Assistant Professors  Anthony Acciavatti (Visiting), Sunil Bald (Adjunct), Bimal Mendis (Adjunct)

Lecturers  Bryan Fuermann, Jerome Haferd, Erleen Hatfield, Justin Moore

Critics  Anne Barrett, Marta Justo Caldeira, Katherine Davies, Kyle Dugdale, Andrei Harwell, Gavin Hogben, Adam Hopfner, Joyce Hsiang, George Knight, Timothy Newton, M. Surry Schlabs

View Courses