

ARCH 1100 - Architecture Survey (1)

Introduction to the University, the Knowlton School of Architecture, and the disciplines of architecture, landscape architecture, and city and regional planning.

Prereq: Not open to students with credit for 1100E, 100, 100H, CRPlan 1100 (100), 1100E, LArch 1100 (100), 1100E, or any survey course. Cross-listed in LArch and CRPlan.

ARCH 1100E - Architecture Survey Honors (1)

Introduction to the University, the Knowlton School of Architecture and the professions of architecture, city and regional planning and landscape architecture. Honors section.

Prereq: Honors standing. Not open to students with credit for 1100, 100, 100H, CRPlan 1100 (100), 1100E, LArch 1100 (100), 1100E, or any survey course. Cross-listed in LArch and CRPlan.

ARCH 2220 - Sustainability and the Built Environment (3)

Introduction to sustainability and the built environment, emphasis on cultural context, including contributing geographic, political, social, and economic factors which influence the form of the constructed world.

Prereq: Not open to students with credit for 201 or 3rd and 4th year Arch majors. GE soc sci human, nat, and econ resources course.

ARCH 2220E - Sustainability and the Built Environment (3)

Introduction to sustainability and the built environment, emphasis on cultural context, including contributing geographic, political, social, and economic factors which influence the form of the constructed world.

Prereq: Honors standing. Not open to students with credit for 201, or 3rd and 4th year Arch majors. GE soc sci human, nat, and econ resources course.

ARCH 2300 - Outlines of the Built Environment (3)

Introduction to architecture, landscape architecture, and planning as cultural practices that shape the physical environment.

Prereq: Not open to students with credit for 200, 1210, or LArch 1210 (200). Cross-listed in LArch.

ARCH 2300E - Outlines of the Built Environment (3)

Introduction to the discipline of architecture and landscape architecture and planning with an emphasis on the physical artifact and its formal and cultural context. Honors section.

Prereq: Honors standing. Not open to students with credit for 200, 1210, LArch 1210 (200) or LArch 2300. Cross-listed in LArch.

ARCH 2310 - Introduction to Design (4)

Introduction to the design of the physical environment through the exploration of form, space, and order using drawing and modeling techniques.

Prereq: Not open to students with credit for 1410, 151, LArch 1410 (202), or LArch 2310. Cross-listed in LArch.

ARCH 2410 - Architectural Design I (6)

Architectural design with an emphasis on technique.

Prereq: Acceptance into B.S. Arch program. Concur: 5610. Not open to students with credit for 241 or 242

ARCH 2420 - Architectural Design II (6)

Architectural design with an emphasis on technique. Continuation of Arch 2410.

Prereq: 2410, or both 241 and 242. Concur: 5610 (only for students pursuing a B.S. in Arch). Not open to students with credit for 243.

ARCH 3194 - Group Studies in Architecture (1-15)

For group-based special studies in architecture within the frame of an instructor guided course.

Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 5 completions.

ARCH 3410 - Architectural Design III (6)

Architectural design with an emphasis on materiality.

Prereq: 2420 (243). Not open to students with credit for 341 or 342.

ARCH 3420 - Architectural Design IV (6)

Architectural design with an emphasis on materiality. Continuation of Arch 3410.

Prereq: 3410, or both 341 and 342. Not open to students with credit for 343.

ARCH 3420.01 - Architectural Design IV (3)

Architectural design with an emphasis on materiality. Continuation of 3410. Part one of two with 3420.02.

Prereq: 3410 (341 and 342). Not open to students with credit for 343.

ARCH 3420.02 - Architectural Design IV (3)

Architectural design with an emphasis on materiality. Continuation of 3410. Part two of two with 3420.01.

Prereq: 3410 (341 and 342). Not open to students with credit for 343.

ARCH 4193 - Independent Studies in Architecture (1-15)

For students who wish to pursue special independent studies in architecture with the guidance of an advisor/instructor.

Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 5 completions. This course is graded S/U.

ARCH 4194 - Group Studies in Architecture (1-15)

For group-based special studies in architecture within the frame of an instructor guided course.

Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 5 completions.

ARCH 4410 - Architectural Design V (6)

Architectural design with an emphasis on organization.

Prereq: 3420 (343). Not open to students with credit for 441 or 442.

ARCH 4420 - Architectural Design VI (6)

Architectural design with an emphasis on organization. Continuation of Arch 4410.

Prereq: 4410 (441 and 442). Not open to students with credit for 443.

ARCH 4780H - Undergraduate Research Methods (3)

Focuses on a broad scope of research methods and the development of architectural design and planning research techniques and skills. Honors section.

Prereq: Honors standing, and major within the Knowlton School of Architecture. Not open to students with credit for 783H.

ARCH 4798 - Study Tour (1-15)

Group international and domestic travel programs. Opportunities tailored to complement the classroom experience.

Repeatable to a maximum of 45 cr hrs or 3 completions.

ARCH 4798E - Study Tour(1-15)

Group international and domestic travel programs. Opportunities tailored to complement the classroom experience.

Prereq: Honors standing. Repeatable to a maximum of 45 cr hrs or 3 completions.

ARCH 4880 - Interdepartmental Seminar (1-15)

Interdepartmental seminar; topics to be announced.

Repeatable to a maximum of 15 cr hrs or 5 completions. Cross-listed in CRPlan and LArch.

ARCH 4999 - Design Studio for Thesis (6)

Topical research/design projects in architecture.

Prereq: Enrollment in Knowlton School of Architecture major.

ARCH 4999H - Architecture Honors Design Studio (6)

Topical research/design projects in architecture. Honors section.

Prereq: Honors standing, and major within the Knowlton School of Architecture. Not open to students with credit for 784H.

ARCH 5110 - History of Architecture I (4)

History of architecture from ancient to contemporary: historical inquiry, physical and cultural influences, theories, and analytical techniques. Continues as 5120E.

Prereq: Honors standing. Not open to students with credit for 600 and 601.

ARCH 5110E - History of Architecture I (4)

History of architecture from ancient to contemporary: historical inquiry, physical and cultural influences, theories, and analytical techniques.

Prereq: Honors standing. Not open to students with credit for 600 and 601.

ARCH 5120 - History of Architecture II (4)

History of architecture from ancient to contemporary: historical inquiry, physical and cultural influences, theories, and analytical techniques. Continuation of 5110.

Prereq: Not open to students with credit for 602.

ARCH 5120E - History of Architecture II (4)

History of architecture from ancient to contemporary: historical inquiry, physical and cultural influences, theories, and analytical techniques. Continuation of 5110.

Prereq: Honors standing. Not open to students with credit for 602.

ARCH 5190 - Topics in Architectural History (3)

Investigation of topics in architectural history.

Prereq: Enrollment in Arch major. Repeatable to a maximum of 33 completions.

ARCH 5194 - Group Studies in Architecture (1-15)

For group-based special studies in architecture within the frame of an instructor guided course.

Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 5 completions.

ARCH 5210 - Forms of Architectural Theory (3)

Survey of architectural theory that reviews the history of architecture while searching for reinterpretations, strategies, structures, and precedents.

Prereq: 5110 and 5120 (600, 601, and 602), and enrollment in Architecture major; or permission of instructor. Not open to students with credit for 610.

ARCH 5290 - Topics in Architectural Theory (3)

Investigation of topics in architectural theory.

Prereq: Enrollment in Architecture major, or permission of instructor. Repeatable.

ARCH 5290.01 - Topics in Architectural Theory (1.5)

Investigation of topic in architectural history.

Prereq: Enrollment in Arch major, or permission of instructor. Repeatable.

ARCH 5290.02 - Topics in Architectural Theory (1.5)

Investigation of topics in architectural theory.

Prereq: Enrollment in Arch major, or permission of instructor. Repeatable.

ARCH 5390 - Topics in Social and Economic Factors in Architecture (3)

Investigation of topics in social and economic factors in architecture.

Prereq: Enrollment in Architecture major, or permission of instructor. Repeatable.

ARCH 5510 - Building Construction I (3)

Introduction to construction materials and techniques. Continues as 5520.

Prereq: Not open to students with credit for 626 or 627.

ARCH 5520 - Building Construction II (3)

Introduction to construction materials and techniques. Continuation of 5510.

Prereq: Not open to students with credit for 628.

ARCH 5520.01 - Building Construction II (2)

Introduction to construction materials and techniques. Continuation of 626 and 627 for students without credit for 628.

Prereq: Jr or Sr standing in the B.S. Arch program, or Grad standing, or permission of instructor. Not open to students with credit for 628.

ARCH 5590 - Topics in Building Technology (3)

Investigation of topics in building technology.

Prereq: Enrollment in Architecture major, or permission of instructor. Repeatable.

ARCH 5590.01 - Topics in Building Technology (1.5)

Investigation of topics in building technology.

Prereq: Enrollment in Knowlton School of Architecture major, or permission of instructor. Repeatable.

ARCH 5590.02 - Topics in Building Technology (1.5)

Investigation of topics in building technology.

Prereq: Enrollment in Knowlton School of Architecture major, or permission of instructor. Repeatable.

ARCH 5610 - Architectural Representation I (3)

Introduction to architectural representation techniques. Continues as 5620.

Prereq: Enrollment in a major within the Knowlton School of Architecture. Concur: 2410 (for students pursuing a B.S. in Arch). Not open to students with credit for 271 or 272. GE VPA course.

ARCH 5620 - Architectural Representation II (3)

Introductions to architectural representation techniques. Continuation of 5610.

Prereq: 5610, or both 271 and 272. Concur: 2420 (for students pursuing a B.S. in Arch). Not open to students with credit for 273.

ARCH 5690 - Topics in Architectural Description (3)

Investigation of topics in architectural description.

Prereq: Enrollment in Architecture major, or permission of instructor. Repeatable.

ARCH 5710 - Introduction to Architectural Structures I (4)

Statics, strength of materials, and structural systems: principles, elements, concepts.

Prereq: Physics 1200 (111), or equiv, or Grad standing in Architecture. Not open to students with credit for 426, 616, 617, or 618.

ARCH 5798 - Study Tour (1-15)

Group international and domestic travel programs. Opportunities tailored to complement the classroom experience.

Repeatable to a maximum of 45 cr hrs or 3 completions.

ARCH 5810 - Introduction to Environmental, Mechanical, and Electrical Systems in Architecture (3)

Introduction to environmental issues and building service systems for architecture.

Prereq: Physics 1200 (111) or equiv, or Grad standing in Arch. Not open to students with credit for 661 or 662.

ARCH 5880 - Interdepartmental Seminar (1-15)

Interdepartmental seminar; topics to be announced.

Repeatable to a maximum of 15 cr hrs or 5 completions. Cross-listed in LArch and CRPlan.

ARCH 5960 - Design Competition (1-6)

Learn how to work in interdisciplinary teams to develop design proposals to solve problems in the natural or built environment.

Prereq: Jr, Sr, or Grad standing. Repeatable to a maximum of 9 cr hrs or 3 completions. Cross-listed in CRPlan and LArch.

ARCH 6090 - Topics in Urban Design (3)

Investigation of topics in urban design.

Prereq: Grad standing, or permission of instructor. Repeatable.

ARCH 6194 - Graduate Group Studies in Architecture (1-15)

For group-based special studies in architecture within the frame of an instructor guided course.

Prereq: Grad standing, and permission of instructor. Repeatable to a maximum of 15 cr hrs or 5 completions.

ARCH 6410 - Accelerated Architectural Design I (6)

Architectural design with an emphasis on form and technique. Continues as 6420.

Prereq: Acceptance in the Master of Architecture Graduate Program. Not open to students with credit for 641 or 642.

ARCH 6420 - Accelerated Architectural Design II (6)

Architectural design with an emphasis on form and technique. Continuation of 6410.

Prereq: 6410, or 641 and 642. Not open to students with credit for 643.

ARCH 6710 - Architectural Structures II (3)

Statics, strength of materials, and structural systems: principles, elements, systems.

Prereq: 5710, or 616 and 617; and Grad standing. Not open to students with credit for 618 or 724.

ARCH 6810 - Environmental, Mechanical, and Electrical Systems in Architecture II (3)

Qualitative and quantitative aspects of environmental issues and building service systems for architecture.

Prereq: 5810, or 661 and 662; and Grad standing. Not open to students with credit for 663.

ARCH 6880 - Interdepartmental Seminar (1-15)

Interdepartmental seminar; topics to be announced.

Prereq: Grad standing, or permission of instructor. Repeatable to a maximum of 15 cr hrs or 5 completions. Cross-listed in CRPlan and LArch.

ARCH 7193 - Graduate Independent Studies in Architecture (1-15)

For students who wish to pursue special independent studies in architecture with the guidance of an advisor/instructor.

Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs or 5 completions. This course is graded S/U.

ARCH 7194 - Graduate Group Studies in Architecture (1-15)

For group-based special studies in architecture within the frame of an instructor guided course.

Prereq: Grad standing, and permission of instructor. Repeatable to a maximum of 15 cr hrs or 5 completions. This course is graded S/U.

ARCH 7210 - Architectural Theory I (3)

Investigations in architectural theory. Continues as 7220.

Prereq: Grad standing. Concur: 7410. Not open to students with credit for 801 or 802.

ARCH 7220 - Architectural Theory II (3)

Investigations in architectural theory. Continuation of 7210.

Prereq: Grad standing. Concur: 7420. Not open to students with credit for 803.01.

ARCH 7310 - Practice of the Design Professions (3)

Legal, financial, technical, and ethical issues in architectural practice.

Prereq: Enrollment in Master of Architecture Program. Not open to students with credit for 751 or 752.

ARCH 7410 - Advanced Architectural Design I (6)

Architectural design with an emphasis on materiality and organization.

Prereq: 6420 (643), or Enrollment in the Master of Architecture Graduate Program with advanced standing. Not open to students with credit for 841 or 842.

ARCH 7420 - Advanced Architectural Design II (8)

Architectural design with an emphasis on materiality and organization. Continuation of Arch 7410.

Prereq: 7410 (841). Not open to students with credit for 844.01.

ARCH 7798 - Graduate Study Abroad (6)

International study abroad including guided travel, projects, student exchange and immersion experiences.

Prereq: Permission of instructor. Repeatable to a maximum of 12 cr hrs.

ARCH 8210 - Master Practitioner Seminar (3)

Contemporary strategies in architectural practice and criticism as articulated by contemporary architects, theoreticians, and historians.

Concur: 8410. Not open to students with credit for 810.

ARCH 8220 - Exit Review Seminar (3)

Articulation of an architectural position that accounts for design production, disciplinary concerns, and cultural forces.

Concur: 8420. Not open to students with credit for 844.04.

ARCH 8410 - Advanced Architectural Design III (8)

Advanced topics in architectural design.

Prereq: 7420 or 844.01. Not open to students with credit for 844.02 or 844.03.

ARCH 8420 - Advanced Architectural Design IV (8)

Advanced topics in architectural design.

Prereq: 8410 or 844.02. Not open to students with credit for 844.04.