

**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.*