ARCH - Architecture

ARCH 121IA Introduction to Design: 3 Credits (2 Lec, 1 Other)
(F, Sp, Su) Introduction to the design and creative process through global architecture and allied professions. Exploration of the history of design. Emphasis on 20th and 21st century architecture. Individual projects where students apply and explore creative process are required.

ARCH 151RA Design Fundamentals I: 4 Credits (1 Lec, 3 Lab)
(F, Su) Study of the creative design process with emphasis on two-dimensional design, basic three-dimensional design concepts and introduction to the essential tools for graphic communication. Development of students‘ self-critical skills.

ARCH 152IA Design Fundamentals II: 4 Credits (1 Lec, 3 Lab)
(F, Su) A study of the design process and methods employed by design disciplines as an introduction to architectonic principles, architectural graphic skills and further understanding of the creative process. Development of student’s ability to make critical and analytical judgments.

ARCH 221 World Architecture: Modern to Contemporary: 3 Credits (3 Lec)
() On demand. This course will examine the historical development of architecture from the 19th century to the present. Within an historical context, the course will focus on the impact of cultural and philosophic trends, technological changes and innovations, and the globalization of the digital revolution on our built environment. Students will be introduced to seminal theoretical approaches professed by architects and thinkers of the 20th and early 21st centuries.

ARCH 223 Intro to Architectural Theory: 3 Credits (3 Lec)
() On demand. Introduction to theoretical approaches advocated by architects urban designers, planners and theorists throughout history. Emphasis is placed on theoretical positions, their advocacies and their impact on architecture.

ARCH 251CS Issues in Sustainability: 3 Credits (3 Lec)
(F, Sp) Introduction to concepts and practices intended to create more sustainable communities where present generations are accountable for the needs of future generations and the natural environment. The course will explore current multi-disciplinary practices in "ecological design".

ARCH 241 Building Construction I: 3 Credits (1 Lec, 2 Lab)
(Sp) Introduction to the materials of construction and an overview of building construction systems. Emphasis upon an understanding of materials and systems as a means to effective and creative design utilization.

ARCH 253 Architectural Design I: 5 Credits (1 Lec, 4 Lab)
PREREQUISITE: Successful Completion of ARCH 151RA and ARCH 152IA. (F, Su) Small-scale design projects requiring integration of spatial, visual concepts, emphasizing relationship of architecture to its context with principles of order, constituents of form, light, structural awareness, nature of materials, architectural coherency. Includes inclusive orthographic graphics design drawing conventions.

ARCH 254 Architectural Design II: 5 Credits (1 Lec, 4 Lab)
PREREQUISITE: ARCH 253. (Sp, Su) Small to medium-size projects extending the development of the design process to site and adjacency analysis, diagramming, fundamental relationship to landscape and context. Topics include hybrid uses of hand and digital graphic communication including 2D and 3D drawing and modeling.

ARCH 261 Architectural Graphics I: 3 Credits (1 Lec, 2 Lab)
PREREQUISITE: Formal admission into the environmental design program- PEVD-BA or ENVD-BA majors Fundamental techniques in architectural graphics. (F, Sp) Course utilizes observation and design drawing studios supplemented by design drawing lecture/demonstrations sessions. Topics include freehand observation drawing and constructed multi-view, paraline, perspective and shade/shadow drawing leading towards the formal graphic presentation of architectural intentions.

ARCH 262 Arch Graphics II: 3 Credits (1 Lec, 2 Lab)
PREREQUISITE: ARCH 261. (F, Sp) Course emphasizes observation drawing studio supplemented by design drawing lecture/demonstration sessions. Topics include freehand, perspective, and shade and shadow drawing techniques. Two and three-dimensional digital applications introduced. Notebook computer required.

ARCH 289R Undergraduate Research and Instruction: 1-3 Credits (1-3 Other)
(F, Sp, Su) Classroom instruction associated with directed undergraduate research/creative activity projects. May be repeated. Repeatable up to 99 credits.

ARCH 290R Undergraduate Research: 1-6 Credits (1-6 Other)
(F, Sp, Su) Directed undergraduate research/creative activity which may culminate in a written work or other creative project. Course will address responsible conduct of research. May be repeated. Repeatable up to 99 credits.

ARCH 291 Special Topics: 1-4 Credits (1-4 Other)
PREREQUISITE: None required but some may be determined necessary by each offering department. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number. Repeatable up to 12 credits.

ARCH 292 Independent Study: 1-3 Credits (1-3 Other)
PREREQUISITE: Consent of instructor and approval of department head. (F, Sp, Su) Directed study and research on an individual basis. Repeatable up to 6 credits.

ARCH 294 Seminar: 1-2 Credits (1 Other)
PREREQUISITE: Determined for each offering. (F, Sp, Su) Topics offered at the lower division level which are not covered in regular courses. Students participate in preparing and presenting discussion material. Repeatable up to 4 credits.

ARCH 321IA World Architecture I: 3 Credits (3 Lec)
PREREQUISITE: Junior standing for non-majors, WRIT 101W or exemption from WRIT 101W per SAT or ACT Test scores. (F) A survey of world architectural history from primitive developments to the Gothic.

ARCH 323IA World Architecture II: 3 Credits (3 Lec)
PREREQUISITE: Junior standing for non-majors, WRIT 101W or exemption from WRIT 101W per SAT or ACT Test scores. (Sp) A survey of world architectural history from the Renaissance to Industrial Revolution.

ARCH 331 Environmental Controls I: 4 Credits (3 Lec, 1 Lab)
PREREQUISITE: ARCH 331. (F) Analysis of climate, passive design strategies, and heat flow fundamentals. Analysis and design of basic heating, ventilating, and air-conditioning systems. Analysis and design of water supply, sanitation and vertical transportation systems. Notebook computer required.

ARCH 332 Environmental Controls II: 4 Credits (3 Lec, 1 Lab)
PREREQUISITE: ARCH 331. (Sp) Analysis and design of architectural lighting systems, acoustics, electrical systems, fire protection, and signal systems. Notebook computer required.
ARCH 340 Building Construction II: 4 Credits (2 Lec, 2 Lab)
PREREQUISITE: ARCH 241, ARCH 343, ARCH 363, ARCH 355. (Sp)
Building systems to be investigated include: structural environmental and
enclosure, life safety and sustainability. Notebook computer required

ARCH 343 Architectural Structures I: 4 Credits (3 Lec, 1 Lab)
PREREQUISITE: ENVIB-BA major- Formal admission into
Environmental Design program. (F) Introduction to structural design/
analysis of horizontal and vertical members as applied to architectural
works; basic statics, moment and shear of rigid bodies and architectural
forms; strength concepts using stress and strain assessment; application of
analytical and intuitive structural concepts in a design context

ARCH 344 Architectural Structures II: 4 Credits (3 Lec, 1 Lab)
PREREQUISITE: ARCH 343 Understanding of design for structural
elements in wood, steel, masonry, and concrete. (Sp) Lateral considerations
and calculations including wind, soil and seismic loads. Understanding of
structural systems; building systems; diaphragms; connections; structural
engineer-architect communications

ARCH 355 Architectural Design III: 5 Credits (1 Lec, 4 Lab)
PREREQUISITE: ARCH 254. (F, Su) Further exploration of ecologically-
sound design with a focus on the integration of structures, building
envelope system and building materials, including design for life
safety and accessibility. Building scale and program complexity increases,
utilizing long-span structural systems. Notebook computer required. Field
trip required

ARCH 356 Architectural Design IV: 5 Credits (1 Lec, 4 Lab)
PREREQUISITE: ARCH 355. (Sp, Su) Advanced architectural design
projects integrating site analysis, programming, building systems,
and contemporary design theory. Emphasis placed on the inclusive synthesis
of conceptual processes, analysis preliminary design investigation, and design
development. Notebook computer required

ARCH 363 Architectural Graphics III: 3 Credits (1 Lec, 2 Lab)
PREREQUISITE: ARCH 261 and ARCH 262 Advanced principles of
computer-aided design and hand applications in architectural practice,
including three-dimensional computer-aided design, hand and digital
delineation, and presentations. (F) Topics provide foundation for graphic
applications in ARCH 354 design studio. Notebook computer required

ARCH 413 Professional Practice: 3 Credits (2 Lec, 1 Lab)
PREREQUISITE: ARCH 356 and ARCH 340. (Sp) Architecture as a
process by which social, economic, and environmental ideas are realized.
Topics include: marketing, business planning, project management, legal
issues, delivery methods, technology, regulation, ethics, accessibility,
interdisciplinary relations, community relations, client relations, and trends
of practice. Notebook computer required

ARCH 414 Architectural Study Abroad: 9 Credits (9 Lec)
PREREQUISITE: ARCH 356
COREQUISITE: ARCH 428. (F, Su) Structured study in foreign
countries under the direction of an architecture faculty member to obtain an
understanding of modern and historical architecture and the forces shaping
them. Holistic study of urban environments combines design, urban design,
architectural history, drawing, and pre-travel design and research. Itineraries
include opportunities for additional destinations and independent travel

ARCH 424 Contemporary Architectural History and Theory: 3 Credits
(3 Lec)
PREREQUISITE: ARCH 322IA and ARCH 323IA. (F, Su) Critique
and discussion of architectural projects built and ideologies proposed in
writings, drawings, and models during the 20th and 21st centuries as the
relate to their social, cultural, technical and economic context

ARCH 425 West Architectural History: 3 Credits (3 Other)
PREREQUISITE: ARCH 322IA and ARCH 323IA. () On demand. A
study of events and influences that led to the development of western
architectural styles, ideology, and forms of individual expression
Repeatable up to 6 credits.

ARCH 426 History of Identity of Contemporary Places: 3 Credits (3 Lec)
PREREQUISITE: ARCH 322IA and ARCH 323IA. () On demand. A
course in applied architectural history and theory. Lectures, discussions, and
student projects investigate characteristics which convey a sense of place
based on historical development, architectural styles, and urban design
Repeatable up to 6 credits.

ARCH 427 Non-Western Architectural History: 3 Credits (3 Other)
PREREQUISITE: ARCH 322IA and ARCH 323IA. () On demand. A
study of events and influences that led to the development of non-western
architectural styles, ideology, and forms of individual expression
Repeatable up to 6 credits.

ARCH 428 Foreign Study History: 3 Credits (3 Lec)
PREREQUISITE: ARCH 356
COREQUISITE: ARCH 414. (F, Su) An on-site study in a foreign country
of the social, cultural, and historic influences on architectural design. This
course is only offered in conjunction with the foreign study program within
the School of Architecture. Course shall include research on-site visits
documented in an appropriate media form

ARCH 431 Sustainability in Architecture: 3 Credits (3 Lec)
PREREQUISITE: ARCH 332 and ARCH 356. (F, Sp) Architectural and
site strategies for reducing the energy footprint of structures and spaces with
an emphasis on the profession’s ethical responsibility and techniques that
maximize the potential of active and passive design strategies to sustain our
natural resources

ARCH 444 Computational Design for Structures: 3 Credits (2 Lec, 2
Lab)
PREREQUISITE: ARCH 243 and ARCH 263. () On demand.
Introduction to spreadsheets and computational software; spreadsheet
developments for typical structural computations used in architecture;
introduction to structural design/analysis software; and development of
a library of computational software tools for the application of structural
architectural design. Notebook computer required

ARCH 450 Community Design Center: 5 Credits (5 Lab)
PREREQUISITE: ARCH 356. (F, Sp, Su) The CDC assists public and
non-profit groups by providing planning, programming, and conceptual
design ideas. Emphasis and scope of projects are determined by the
community needs. Projects are intended to complement and promote the
professional practice of architecture in the State of Montana

ARCH 451 Design for Community: 1-3 Credits (1-3 Lab)
PREREQUISITE: ARCH 355. (F, Sp, Su) Students will be engaged in
architecturally-related activities with government and non-profit agencies.
This will enable students to be involved in a service learning academic
experience
Repeatable up to 6 credits.

ARCH 452 Research Methods in Arch: 3 Credits (3 Lec)
PREREQUISITE: ARCH 356. (Sp) Students are introduced to systematic
architectural inquiry, its purpose in architectural design, the different
approaches to conducting architectural research, and the major components
of architectural research
ARCH 457 Architectural Design V: 5 Credits (1 Lec, 4 Lab)  
PREREQUISITE: ARCH 356. (Sp, Su) Senior capstone course.  
Architectural design integrating building, landscape, and urban context  
using multi-story projects of medium scale and complexity with particular  
focus on mixed-use. Integrated topics include programming structural  
and mechanical integration, ecologically-sound design, building envelope  
systems and building codes.

ARCH 458 Arch Design VI: 5 Credits (5 Lab)  
PREREQUISITE: ARCH 356 A continuation of the holistic design  
synthesis encountered in ARCH 356 with emphasis on development of  
student’s emerging design values and theoretical perspective. (F) Field trip  
possible. Notebook computer required  
Repeatable up to 12 credits.

ARCH 464 Intermediate Computer Applications: 3 Credits (3 Lab)  
PREREQUISITE: ARCH 263 or ARCH 363. () On demand. Investigation  
of digital design, fabrication, modeling and drawing as applied to  
arboricultural practice. Lectures and projects will explore the use of 2D and  
3D applications to explore design and construction processes.  

ARCH 465 Advanced Computer Application I: 3 Credits (3 Lab)  
PREREQUISITE: ARCH 464, or consent of instructor. () On demand.  
The investigation and application of advanced two-dimensional and three-  
dimensional digital application for design, modeling, and presentation  
techniques for architectural practice. Lectures and projects may include  
topics of three-dimensional modeling, animation, delineation, or digital  
fabrication.

ARCH 471 Directed Research/Creative Act: 1-6 Credits (1-6 Other)  
(F, Sp, Su) Directed research/creative activity which may culminate in a  
research paper, journal article, or design project. May be repeated.  
Repeatable up to 99 credits.

ARCH 472 Directed Research/Creative Activity Instruction: 1-2 Credits  
(1-2 Other)  
(F, Sp, Su) Classroom instruction associated with directed research/creative  
activity projects.  
Repeatable up to 4 credits.

ARCH 490R Undergraduate Research: 1-6 Credits (1 Other)  
(F, Sp, Su) Directed undergraduate research/creative activity which may  
culminate in a research paper, journal article, or undergraduate thesis.  
Course will address responsible conduct of research. May be repeated.  
Repeatable up to 12 credits.

ARCH 491 Special Topics: 1-4 Credits (1-4 Lec)  
PREREQUISITE: Course prerequisites as determined for each offering.  
Courses not required in any curriculum for which there is a particular one-  
time need, or given on a trial basis to determine acceptability and demand  
before requesting a regular course number  
Repeatable up to 12 credits.

ARCH 492 Independent Study: 1-3 Credits (1-3 Other)  
PREREQUISITE: Junior standing, consent of instructor, and approval of  
department head. (F, Sp, Su) Directed research and study on an individual  
base  
Repeatable up to 6 credits.

ARCH 494 Seminar: 1-3 Credits (1-3 Other)  
PREREQUISITE: Junior standing and as determined for each offering. (F,  
Sp, Su) Topics offered at the upper division level which are not covered in  
regular courses. Students participate in preparing and presenting discussion  
material  
Repeatable up to 4 credits.

ARCH 498 Architecture Residency Design Studio: 6 Credits (6 Other)  
PREREQUISITE: ARCH 340, ARCH 355 and all other architectural  
courses through the third year. (F) Students arrange for employment in an  
arboricultural office for a continuous period of 6 months. Students will  
participate in a structured work/study professional practice experience and  
are required to present the content of this experience upon their return to  
campus.

ARCH 510 Leadership in Prof Practice: 3 Credits (3 Other)  
() On demand. This course broadens your perspective an understanding of  
the architect’s value as it relates to different types of economics. It presents  
the leading edge of traditional practice, alternative opportunities, and civic  
engagement that utilize the architect’s skill set.

ARCH 519 Synthesis of Arch Practice: 3 Credits (3 Other)  
PREREQUISITE: MSEM 501, ARCH 510. This capstone will synthesize  
the learning acquired in previous courses to culminate in development of  
a transformative business plan for the student’s office. The focus: Research  
in design milieu; Development of theory; Evaluative strategies for measuring  
success; Total cost accountability.

ARCH 521 Arch Theory: 3 Credits (3 Other)  
PREREQUISITE: Graduate standing or seniors by petition. (F, Sp, Su)  
Specific architectural, urban, planning and preservation theories, their  
application and context within contemporary practice will be investigated  
through the study of essays, drawings, models and built projects. May be  
repeated  
Repeatable up to 9 credits.

ARCH 522 Historical Issues in Arch: 3 Credits (3 Other)  
PREREQUISITE: Graduate standing or seniors by petition. (F, Sp, Su)  
Close examination of historic periods and individuals. Emphasis upon in-  
depth studies of particular personalities and the social, cultural, artistic and  
scientific developments that influenced the progress of architecture, urban  
design and city planning. May be repeated  
Repeatable up to 99 credits.

ARCH 523 Issues in City Planning: 3 Credits (3 Other)  
PREREQUISITE: Graduate standing or seniors by petition. (F, Sp, Su)  
Problems and issues, processes and regulations in planning, urban design,  
and historic preservation. Field trip possible.

ARCH 524 Design Competition: 3 Credits (3 Other)  
PREREQUISITE: Graduate standing or seniors by petition. (F, Sp)  
Students will work under the direction of a faculty member in the research,  
design, development and presentation of a project in response to a design  
competition  
Repeatable up to 6 credits.

ARCH 525 Special Design Topics: 3 Credits (3 Other)  
PREREQUISITE: Graduate standing or seniors by petition. (F, Sp, Su)  
Students will work under the direction of a faculty member in the research,  
design, development and presentation of a design, research, or historic  
preservation project. May be repeated as topics vary  
Repeatable up to 12 credits.

ARCH 526 Advanced Architectural Theory: 3 Credits (3 Lec)  
PREREQUISITE: Graduate Standing  
COREQUISITE: ARCH 558, ARCH 535. (F) This course focuses on the  
critique and discussion of current architectural projects built and ideology  
proposed in writings, drawings and model including historic traditions and  
the simultaneous global, social, and technical context, in order to examine  
current architectural issues. To be taken concurrently with ARCH 558 by  
new Graduate students.
ARCH 527 Architecture: Meaning & Place; 3 Credits (3 Other)
PREREQUISITE: Graduate standing or Seniors by petition. (F, Sp, Su)
Close examination of the psychological, existential and traditional meaning
and consequential sense of place in our natural and built environment
Repeatable up to 9 credits.

ARCH 528 Advanced Studies in Interior Design; 3 Credits (3 Other)
PREREQUISITE: Graduate standing or Seniors by petition. (F, Sp)
Exploration of topics related to interior design including theory and
application of the principles of interior design

ARCH 533 Adv Environmental Controls; 3 Credits (3 Lec)
PREREQUISITE: Graduate standing or seniors by petition. (F, Sp)
Advanced environmental control systems explored through experimental
exercises, calculations, physical modeling and computer simulations with
the goal of designing a high-performance buildings with an emphasis on
lighting and HVAC systems. Notebook computer required

ARCH 535 Adv Bldg Sys Integration: 1-3 Credits (2 Lec, 1 Lab)
PREREQUISITE: Graduate standing
COREQUISITE: ARCH 558. (F) Classroom instruction leading to a
demonstrated understanding and integration of environmental, structural,
building envelope, building service, building materials and assembly systems
in a comprehensive studio design project. To be taken concurrently with
ARCH 558 by new graduate students

ARCH 543 Advanced Applied Design and Construction: 3 Credits (3
Lab)
PREREQUISITE: Graduate standing or Seniors by petition. (F, Sp, Su)
Small scale projects industrial products, furniture, buildings, etc., will be
designed and built by students as an exploration of the opportunities and
limitations of materials, technology, economics, and construction methods
Repeatable up to 6 credits.

ARCH 545 Advanced Structures: 3 Credits (3 Other)
PREREQUISITE: ARCH 244 or ARCH 344 and graduate standing
or seniors by petition. (F, Sp) Advanced structural topics, historical and
contemporary structural precedents, load path, performance design,
structural LLEC 2system planning, connection design; structural
restoration; complete 2D and 3D design/analysis/structural projects

ARCH 551 Advanced Arch Studio: 6 Credits (6 Lab)
PREREQUISITE: Graduate Standing. (Sp) Design projects which explore
specific critical positions with regard to contemporary architectural issues,
Research and analysis of theoretical positions are emphasized along with the
development of contemporary methods and techniques for analysis. Field
trip required

ARCH 552 Arch Research Methods: 3 Credits (3 Other)
PREREQUISITE: Graduate standing or seniors by petition. (F) On demand.
An examination of the types of inquiry used to conduct architectural
research. Students will engage in initial studies of traditional and non-
traditional research methods in architecture and its related fields followed by
an individual research project

ARCH 553 Architectural Studio - Theoretical Application: 3 Credits (1
Lec, 2 Other)
PREREQUISITE: Graduate standing. (F) On demand. Graduate research
and analysis of the formal manifestations of the specific theoretical
positions advocated and illustrated through the design work of significant
architectural practitioners. Notebook computer required

ARCH 554 Urban Design Studio: 6 Credits (8 Lab, 2 Other)
PREREQUISITE: Graduate standing. (F) On demand. Urban design
projects that develop an understanding of public planning goals and
constraints, urban infrastructure, formal urban fabric, historic preservation,
and socio-cultural issues. Notebook computer required. Field trip required

ARCH 555 Urban Design Research/Theory: 3 Credits (3 Lec)
PREREQUISITE: Graduate standing. (F) On demand. Methods, models,
and techniques for analyzing the city as an artifact of social, cultural,
historical, economic and physical significance. Notebook computer
required. Field trip required

ARCH 556 Construction Theory: 3 Credits (3 Other)
PREREQUISITE: Graduate standing. (F) On demand. Graduate research
and analysis of contemporary and historic design theory. Notebook
computer required. Field trip required

ARCH 557 Architectural Design Studio: 6 Credits (8 Lab, 2 Other)
PREREQUISITE: Graduate standing. (F) On demand. Advanced
architectural design projects integrating site analysis, programming,
building systems, and contemporary design theory. Emphasis placed on the synthesis
of conceptual processes, analysis, preliminary design investigation, and
design development. Field Trip required

ARCH 558 Comprehensive Design Studio: 6 Credits (6 Lab)
PREREQUISITE: Graduate Standing
COREQUISITE: ARCH 535. (F) Comprehensive architectural studio
which integrated design thinking and investigative skills with site design,
accessibility and life safety, sustainability and environmental, and structural
systems in the design and presentation of a programmatically complex
building

ARCH 560 Masters Studio Project: 4 Credits (4 Lab)
PREREQUISITE: ARCH 575 with grade of B or better, and ARCH 577
COREQUISITE: ARCH 561. (F, Sp) Architectural design project that
builds upon prior research investigations with an emphasis placed on
analysis, synthesis, evaluation and development of a design solution from
conceptual design through schematic/design development

ARCH 561 Design Critique for Master's Studio Project: 2 Credits (2
Lab)
PREREQUISITE: ARCH 575 with grade of B or better, and ARCH 577
COREQUISITE: ARCH 561. (F, Sp) ARCH 561 is a 2-unit credit taken
simultaneously with ARCH 560 as part of the independent professional
project. 560/561 are courses that compose a two-semester independent
research project. ARCH 575/577, the first semester, focuses on research
and writing to establish an intellectual framework for architectural space,
process, or thought. ARCH 560/561, the second semester, is used to realize
a design project that demonstrates critical architectural thinking at a level
appropriate to the Master of Architecture first professional degree. Students
will take 2 units of 561 with their Critic while taking 4 units of 560 with
their advisor

ARCH 564 Adv Arch Graphics: 3 Credits (6 Lab)
PREREQUISITE: Graduate Standing or Seniors by petition. (F, Sp, Su)
Advanced architectural presentation strategies for exploring visual
perception and design development through graphic exploration. May be
taken more than once as topics vary
Repeatable up to 99 credits.

ARCH 565 Advanced Computer Applications II: 3 Credits (3 Other)
PREREQUISITE: Graduate standing or Seniors by petition. (F, Sp)
Computer-aided design and theory for architecture. Lectures and projects
may include topics of three-dimensional modeling, animation, delineation
or digital fabrication

ARCH 566 Photography for Architects: 3 Credits (3 Other)
PREREQUISITE: Graduate Standing or Seniors by petition. (F, Sp, Su)
Theory and application of the principles of photography as a means to view
and interpret the built and natural environment from the perspective of an
allied art
ARCH 575  Professional Paper: 1-4 Credits (1-4 Other)
PREREQUISITE: Graduate Standing. (F, Sp, Su) Research or professional paper/project dealing with a topic in the field. Topic must be mutually agreed upon by the student and their major advisor and graduate committee. This course is required for students in Architecture non-thesis (plan B) master’s degree program
Repeatable up to 4 credits.

ARCH 577 Reader Critique for Professional Paper: 1 Credits (1 Lab)
PREREQUISITE: ARCH 558, ARCH 535 and completion of School of Architecture Master’s Studio Project
COREQUISITE: ARCH 575. (F, Sp, Su) Research for professional paper/project dealing with a topic in the field. Professional paper will be evaluated by a committee chair via ARCH 575 and critiqued by a faculty reader via ARCH 577.

ARCH 589 Graduate Consultation: 1-3 Credits (1-3 Other)
PREREQUISITE: Master’s standing and approval of the Dean of Graduate Studies, (F, Sp, Su) This course may be used only by students who have completed all of their course work but who need additional faculty or staff time or help.
Repeatable up to 3 credits.

ARCH 590 Master’s Thesis: 1-10 Credits (1-10 Other)
PREREQUISITE: Master’s standing. (F, Sp, Su) On demand
Repeatable up to 99 credits.

ARCH 591 Special Topics: 1-4 Credits (1-4 Lec)
PREREQUISITE: Graduate standing or seniors by petition. On demand.
Course prerequisites as determined for each offering. Courses for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number
Repeatable up to 12 credits.

ARCH 592 Independent Study: 1-4 Credits (1-4 Other)
PREREQUISITE: Admission to graduate program. (F, Sp, Su) Directed graduate research and study of architectural, urban design or historic preservation issues on an individual basis.
Repeatable up to 8 credits.

ARCH 594 Seminar: 1 Credits (1 Other)
PREREQUISITE: Graduate standing or seniors by petition. (F, Sp, Su)
Course prerequisites as determined for each offering. Topics offered at the graduate level which are not covered in regular courses. Students participate in preparing and presenting discussion material.
Repeatable up to 4 credits.