







**G AD A E- EA E LLME**

**G A**. In addition to meeting the General Minimum Admission Requirements for graduate degree programs on p. 44, the following Division requirements apply to the graduate phase of this program. (These are subject to change by action of the Division's Academic Policies and Curricula Committee.)

1. Completion of a baccalaureate degree—BSA: Architecture.
2. Successful completion of all undergraduate coursework with a minimum GPA of 2.75.

**MA C 16 D**

**A C 16**  
ARCH521, 522, 535

**A E 15**

A minimum of 15 credits of architecture electives at the graduate level. Selection of electives outside of Division offerings requires the approval of the Division faculty.

**C G E**

1. No grade lower than C (2.00) in any course in the graduate portion of the program.
2. A student whose cumulative graduate GPA falls below 3.0 in any given term is placed on academic probation. A student is normally disqualified if they do not increase their graduate GPA to 3.0 during the academic term of probation.
3. A minimum cumulative GPA of 3.0 is required to receive the Master of Architecture degree.

**MA 3 1/2**

**A C 84**  
ARCH500, 505, 506, 509, 517, 518, 521, 507 or 522, 534, 535, 549, 559, 601, 602, 605, 606, 607, 615, 616, 635, 636, 670.

**A E 16**  
**MA 98**

**B : A D**

**B C 37**  
**G E 57**

See general education requirements for Bachelor of Science degree.

**M 16**  
ARCH126, 150, 215, 315, 316

**M E 21**  
A minimum of 9 upper division credits from courses with ARCH acronyms.

**C 6**  
ART104, 207.

**M 22**

**G E 5**  
**B 127**

**M A 22**

ARCH126, 150, 215; plus 12 additional credits with a minimum of 6 upper division credits from courses with ARCH acronyms.

**C (C)**

See inside front cover for symbol code.

**A CH126 (3)**

**Drawing and Graphics Studio**

Introduction to freehand drawing and architectural drawing graphic conventions. Exercises include freehand and drafted drawings of building plans, sections, and elevations, and an introduction to 3-dimensional representation. S, S

**A CH150 (2)**

**Introduction to Architecture**

Emphasis on design concepts, professional vocabulary, historical appreciation, contemporary issues, and values that are important to the mission of the Division of Architecture. Open to all students. Far

**A CH201 (3)**

**Construction I**

An overview of site work, foundation, and structural systems as well as an investigation into the structural and material properties, assembly methods and detailing primarily for wood and masonry construction system. Far

**A CH202 (3)**

**Construction II**

An investigation into the structural and material properties, assembly methods and detailing primarily for steel and concrete construction systems as well as an introduction to cost estimating. Prerequisite: ARCH201. S

**A CH205, 305, 405 (4, 2, 2)**

**Structures I, II, III**

Topics in statics, strength of materials, structural analysis, and design in reinforced concrete, steel, and wood. Wind and seismic loading. Prerequisites: MATH166, 167 & PHYS115; ARCH205 is a prerequisite to ARCH305 & 405. Far, S

**A CH215 (3)**

**Introduction to Design Studio**

Introduction to formal composition, abstract architectural elements, and traditional architectural proportioning systems and presentation techniques. Prerequisite: ARCH126, INFS110. Far

**A CH247 (5)**

**Architecture as Craft Studio**

Design projects focusing on the materiality of architecture and the



- A CH506** (5) **Placemaking Studio**  
Introduction to building design as it relates to landscape and to human nature, in simple program projects. Prerequisites: ARCH500 & 505. *Far*
- A CH507** (5) **Architecture as Craft Studio**  
Design projects focusing on the materiality of architecture and the logic of construction. Prerequisites: ARCH506 & meet general education requirement for computer competence. *S*
- A CH509** (5) **Background Building Studio**  
Design of a commercial and/or residential building(s) of increased programmatic complexity, in the physical and cultural setting of a traditional small town or urban neighborhood. Prerequisite: ARCH506. *S*
- A CH517** (6) **Foreground Building Studio**  
Design of a public and/or civic building in the physical and cultural setting of a traditional small town or urban neighborhood. Prerequisite: ARCH605, 509; Corequisite: ARCH549. *Far*
- A CH518** (6) **Integrative Design Studio**  
Comprehensive building design project: site design, building design, and development of architectural detail (including integration of materials and structural and environmental systems). Prerequisite: ARCH517. *S*
- A CH521** (6) **Urban Design Studio**  
Urban design proposal for a small town (or parts thereof), urban neighborhood, or college campus. Prerequisite: ARCH518. *Far*
- A CH522** (6) **Visiting Critic/Topic Studio**  
Design project(s) to be determined by Visiting Critic and regular faculty. Topic of studio varies. Prerequisite: ARCH521. *S*
- A CH534** (4) **Urban Studies**  
A broad survey, both typological and historical, of the physical characteristics of cities and their development, with an emphasis upon urban form as a cooperative human artifact embodying particular cultural values and ideas. *Far*
- A CH535** (4) **Professional Practice**  
Lectures and seminars focusing on Judeo-Christian values and social responsibilities in the profession. Studies introduce conventional practice methods and career planning for present and future. Topical areas include the role of the architect, organization and management of the firm, and project administration.
- A CH549** (3) **Integrative Design**  
Preliminary design of the structure and environmental control systems for a concurrent studio project. Building codes, accessibility standards, and zoning ordinances are reviewed for design implications. Prerequisite: ARCH605; Corequisite: ARCH517. *Far*
- A CH559** (3) **Design Theory**  
A survey and analysis of architectural thought, including readings from both historical and contemporary sources. Prerequisite: ARCH615.
- A CH590** (1-4) **Special Topics in**  
Based on selected topics of current interest in architecture offered by the Division of Architecture. May be repeated in different topic areas. Topics include, but are not limited to, Architecture of the Ancient Americas, Islamic Architecture, Furniture Design, Surveying.
- A CH599** (1-4) **Independent Research**  
Study of special topics not currently offered by the Division of Architecture. In consultation with a professor, the student researches a selected area, filing a copy of the completed project report in the Division of Architecture office. A minimum of 30 hours of work required for each credit. May be repeated for a total of 6 credits. May not be offered each year.
- A CH601** (3) **Construction I**  
An overview of site work, foundation, and structural systems as well as an investigation into the structural and material properties, assembly methods and detailing primarily for wood and masonry construction system. *Far*
- A CH602** (3) **Construction II**  
An investigation into the structural and material properties, assembly methods and detailing primarily for steel and concrete construction systems as well as an introduction to cost estimating. Prerequisite: ARCH601. *S*
- A CH606, 607, 608** (4, 2, 2) **Structures I, II, III**  
Topics in statics, strength of materials, structural analysis, and design in reinforced concrete, steel, and wood. Wind and seismic loading. ARCH606 is a prerequisite to ARCH607 & 608. *Far, S*
- A CH615** (3) **History of Architecture I**  
Chronological overview of the history of architecture from pre-history through the 14th century (Gothic). Emphasis is on the vocabulary and design of buildings, their symbolic relationships, and their meaning in a cultural and human context.
- A CH616** (3) **History of Architecture II**  
Chronological overview of the history of architecture from the 15<sup>th</sup> century (Renaissance) to today. Emphasis is on the vocabulary and design of buildings, their symbolic relationships, and their meaning in a cultural and human context.
- A CH635** (3) **Environmental Technology I**  
Introduction to environmentally, energy-conscious design concepts with the primary focus on climate and site analysis. An overview of standard evaluation methods for thermal performance in both design development and qualitative building evaluations covers heat loss/gain, thermal and solar envelope, HVAC system selection

and layout. Principles of water conservation, collection and supply, and the treatment and disposal of liquid and solid wastes. *Fair*

**A CH636 (3)**

***Environmental Technology II***

Principles of design for fire safety and code compliance. Principles of electricity and a brief survey of electrical systems and wiring design. The design and location requirements of elevators and moving stairways and walks. A qualitative over-view of lighting and acoustics and their integration into the design of buildings with introductory quantitative methods. *S*

**A CH670 (3)**

***Person-Environment Theory***

Studies in the relationship between people and the environment, including a consideration of towns, cities, gardens, buildings, and artifacts, as well as the cultural and natural landscape.

Prerequisite: ARCH506.