Twin Cities Campus

Architecture B.S. Arch.

School of Architecture

College of Design

- **Students will no longer be accepted into this program after Fall 2007. Program requirements below are for current students only.**

- Program Type: Baccalaureate
- Requirements for this program are current for Spring 2012
- Required credits to graduate with this degree: 120
- Required credits within the major: 87
- Degree: Bachelor of Science in Architecture

The bachelor of science (B.S.Arch.) degree with a major in architecture provides instruction in history, representation, design, theory, and technology, emphasizing the development of architecture as a language of form, space, and order. The program requires an understanding of social, cultural, and physical contexts as a foundation for the examination of the methods, values, precedents, and material reality characteristic of the process of shaping natural and built environments. The major combines core prerequisites with a focused introduction to the discipline of architecture, including required courses in representation, history, theory, technology, and design processes.

All major coursework must be taken A-F.

Program Delivery

This program is available:
- via classroom (the majority of instruction is face-to-face)

Admission Requirements

Students must complete 11 courses before admission to the program.

Freshman and transfer students students are usually admitted to pre-major status before admission to this major

A GPA above 2.0 is preferred for the following:
- 2.80 already admitted to the degree-granting college
- 2.80 transferring from another University of Minnesota college
- 2.80 transferring from outside the University

Students apply for admission to the bachelor of science in architecture (B.S.Arch.) at the end of their sophomore year. Admission is competitive and based on portfolio review, GPA, and courses completed. Students must be admitted first to the bachelor of arts with a major in architecture (B.A.) or the bachelor of design in architecture (B.D.A.) to apply for the B.S.Arch. The first group of courses (plus freshman comp and all high school prep classes) must be completed with a minimum grade of C- before admission to the B.A. or the B.D.A. The second group of courses need to be completed prior to admission to the B.S.Arch.

For information about University of Minnesota admission requirements, visit the Office of Admissions website.

Required prerequisites
Requirements for the B.A. or B.D.A.
ARCH 1281 - Design Fundamentals I [AH] (4.0 cr)
ARCH 1701 *{Inactive}*(3.0 cr)

Courses to be taken before admission to B.S.Arch.
ARCH 2301 - Drawing and Critical Thinking (4.0 cr)
ARCH 2281 - Design Fundamentals II (4.0 cr)
ARCH 3711W - Environmental Design and the Sociocultural Context [SOCS, CIV, WI] (3.0 cr)
ARCH 3411W - Architectural History to 1750 [HIS, GP, WI] (3.0 cr)
ARCH 3412W - Architectural History Since 1750 [HIS, GP, WI] (3.0 cr)
LA 3501 - Environmental Design and Its Biological and Physical Context [ENV] (3.0 cr)
MATH 1142 - Short Calculus [MATH] (4.0 cr)
 or MATH 1271 - Calculus I [MATH] (4.0 cr)
PHYS 1101W - Introductory College Physics I [PHYS, WI] (4.0 cr)
 or PHYS 1201W *{Inactive}*[PHYS, WI] (5.0 cr)
 or PHYS 1301W - Introductory Physics for Science and Engineering I [PHYS, WI] (4.0 cr)

General Requirements

All students are required to complete general University and college requirements including writing and liberal education courses. For more information about University-wide requirements, see the liberal education requirements.Required courses for the major or minor in which a student receives a D grade (with or without plus or minus) do not count toward the major or minor (including transfer courses).

Program Requirements

Students should maintain a portfolio of all freehand drawings, projects, and architecture studio designs. A portfolio is required for application to B.S.Arch. and the accelerated program and the graduate professional degree program.

All courses, including courses in math, physics, and English composition must be taken A-F with grades of C- or better to satisfy degree requirements and to progress in sequence courses.

Accelerated status in architecture is a competitive opportunity for qualified undergraduates to complete the B.S.Arch. or the B.A. degree with a major in architecture and the M.Arch. degree in six years rather than seven. See an adviser for more information.

Major coursework
ARCH 3281 - Architecture Studio 01: Material (6.0 cr)
ARCH 3282 - Architecture Studio 02: Site (6.0 cr)
ARCH 4283 - Architecture Studio 03: Program (6.0 cr)
ARCH 4284 - Architecture Studio 04: Urban Design (6.0 cr)
ARCH 4511 - Materials and Methods I (3.0 cr)
ARCH 4521 - Environmental Technology I (3.0 cr)
ARCH 4571 - Architectural Structures I (3.0 cr)

Courses to be completed any time prior to graduation
ARCH 3611 - Design in the Digital Age (3.0 cr)
ARCH 4561 - Architecture and Ecology [ENV] (3.0 cr)
ARCH 4701W - Introduction to Urban Form and Theory [WI] (3.0 cr)
ARCH 4421W - Architecture and Interpretation: The Cave and the Light [WI] (3.0 cr)
  or ARCH 4423 *{Inactive}*(3.0 cr)
  or ARCH 4424 - Renaissance Architecture (3.0 cr)
  or ARCH 4425W - Baroque Architecture [WI] (3.0 cr)
  or ARCH 4431W - Eighteenth-Century Architecture and the Enlightenment [WI] (3.0 cr)
  or ARCH 4432 - Modern Architecture (3.0 cr)
  or ARCH 4434 - Contemporary Architecture (3.0 cr)
  or ARCH 4445W *{Inactive}*[WI] (3.0 cr)
  or ARCH 4446 *{Inactive}*(3.0 cr)
  or ARCH 4461 *{Inactive}*(3.0 cr)

Architecture electives
Nine upper division architecture credits not used elsewhere. ARCH 3351 and 3352 do not satisfy this requirement.
Take 9 or more credit(s) from the following:
•ARCH 3xxx
•ARCH 4xxx

Upper division credits outside the major
Nine upper division credits outside the major.

Program Sub-plans

A sub-plan is not required for this program.

Accelerated Program

Accelerated status in architecture is a competitive opportunity for qualified undergraduates to complete the B.S.Arch. or the B.A. degree with a major in architecture and the M.Arch. degree in six years rather than seven. Accelerated status applicants must complete all but 14 credits of upper division architecture courses before their senior year.

Students complete the first year of the graduate professional degree program in their senior year; courses carry upper division credit and complete the B.S.Arch. or B.A. degree.

To be considered for accelerated status, students must be enrolled at the University as a B.S.Arch. or B.A. major in architecture, have completed one year of architecture design studio (ARCH 3281, ARCH 3282), have completed 90 credits, and have earned an overall GPA of 3.50. Admission to accelerated status does not guarantee admission to the graduate professional program; separate requirements, such as the Graduate Record Examination (GRE) and other application documents, must be submitted in January of the year admission to the graduate program is sought. See the director of graduate studies in the School of Architecture for additional criteria. Deadline for consideration is June 15.

Honors

This is an honors sub-plan.

See an adviser for honors program requirements.