

BACHELOR OF ARCHITECTURAL ENGINEERING

154 CREDIT HOURS
OKLAHOMA STATE UNIVERSITY

FIRST YEAR

ARCH 1112

Intro to Arch

College Algebra
Calculus Prep

MATH 2144

Calculus I (A)

Statics

CHEM 1414

General
Chemistry (L,N)

ARCH 1216

Arch Design I

PHYS 1114

General Physics
(L,N)

Statics

ENGR 1412

Engineering
Computer

ARCH 2183

Arch H/T I

ENGL 1113

Fresh Comp I

ENGL 1213

Fresh Comp II

SECOND YEAR

ARCH 2116

Arch Design II

MATH 2153

Calculus II (A)

ENSC 2113

Statics

ARCH 2252

Communications I

POLS 1113

American Govt

ARCH 2263

Arch Systems

MATH 2163

Calculus III

ENSC 2143

Strength of Mat

ENGR 2141

Strengths Lab

ARCH H/T (H)

HIST 1103

American Hist

STRUCTURES OPTION

ACADEMIC YEAR 2020-2021

ADMISSION REQUIREMENTS TO PROFESSIONAL SCHOOL

Students in the major of Architecture who meet the criteria for consideration will be selected for admission to the Professional School in the School of Architecture.

Professional School Criteria:

- Obtain a minimum of 55 credit hours applicable towards the degree
- Completion of ARCH 1112, 2183, 2283, 1216, 2116, 2216, 2263, 2252, MATH 2144, ENSC 2113, PHYS 1114, ENGL 1113 with a Selection Grade point Average of 2.8.

For detailed explanation of the Professional School admission policy, obtain a copy of the application form from the School of Architecture Office.

GENERAL EDUCATION

Students are required to take at least 41 credit hours of General Education courses met by required courses and electives. These must include:

- (A) 7 hours Analytical: MATH 2144 and 2153.
- (H) 6 hours Humanities: ARCH 2283 and ARCH __3 H/T course.
- (S) 3 hours Social Science
- (D) Diversity
- (N) 15 hours Natural Science: PHYS 2014, 2114, CHEM 1414 and one course from: ASTR 1013, 1023; BIOL 1114; CHEM 1314, 1515; GEOL 1014, 1114, 1013; SOIL 1113.

ARCH ELECTIVES

Students are required to take 6 credit hours of ARCH History and Theory; ARCH 2183 and one other ARCH H/T with an (H) designation.

DIRECTED ELECTIVES

Students are required to take 6 credit hours from the following courses: ARCH 5143, 6243, 6343, 5093, 5495, 4374, 4233, 4293, 5133, 5003, 6543; CIVE 3623, 3614, 5403, 5433, 5533, 5573; up to 6 hours of upper division or graduate level courses approved by the department head advisor.

NOTE: The school of Architecture requires a final grade of "C" or better in all ARCH prefix courses, substitutions for ARCH prefix courses, and prerequisites for ARCH prefix courses.

NOTE: This flow chart is for planning purposes only. Official degree requirements can be found in the Academic Catalog 2020-2021. (catalog.okstate.edu)

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THIRD YEAR

ARCH 3043
Structural Loads

ARCH 3143
Analysis I

ARCH 3323
Steel I

ENSC 2123
Dynamics

PHYS 2114
General Physics
(L,N)

ARCH 4123
Concrete I

ARCH 3343
Steel II

ENSC 3313
Material Science

ARCH 3262
Communications II

GEN ED (3)
Natural Sci (N)

FOURTH YEAR

ARCH 4143
Foundations

ARCH 4243
Concrete II

MATH 2233
Differential Eq

CIVE 4711
Soils Lab

ARCH 3163
Arch Science I

GEN ED (3)
Social Sci (S,D)

ARCH 5023
Timbers/Masonry

STAT 4033
Eng Statistics

IEM 3503
Eng Econ Analysis

ARCH 3433
Arch Science II

DIR ELECT (3)

FIFTH YEAR

ARCH 5226
Comp Eng Design

ARCH 4263
Seminar

ARCH 4093
Proj Mgmt

DIR ELECT (3)