

BACHELOR OF ARCHITECTURAL ENGINEERING

140 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 2014

General Physics
(L,N)

Statics

ENGR 1412

Engineering
Computer

ARCH 2003

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

ENSC 2141

Strengths Lab

ARCH H/T (H)

HIST 1103

American Hist

CPM OPTION

ACADEMIC YEAR 2020-2021

ADMISSION REQUIREMENTS TO PROFESSIONAL SCHOOL

Students in the major of Architectural Engineering 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, 2003, 1216, 2116, 2263, 2252, MATH 2144, ENSC 2113, 2143, PHYS 2014, 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 43 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 2003 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 2003 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

CIVE 4183

Estimating

CIVE 3263

Engr Materials

ARCH 3043

Structural Loads

ARCH 4123

Concrete I

ARCH 3323

Steel I

ARCH 3343

Steel II

ENSC 2123

Dynamics

ENSC 3313

Material Science

ARCH 3262

Communications II

PHYS 2114

General Physics
(L,N)

GEN ED (3)

Natural Sci (N)

FOURTH YEAR

CIVE 4273

Engr Proj Mgmt

ARCH 4143

Foundations

MATH 2233

Differential Eq

CIVE 4711

Engr Surveying

ARCH 4163

Arch Science I

GEN ED (3)

Social Sci (S,D)

ARCH 5023

Timbers/Masonry

STAT 4033

Eng Statistics

IEM 3503

Eng Econ Analysis

ARCH 4433

Arch Science II

DIR ELECT (3)

FIFTH YEAR

ARCH 5226

Comp Eng Design

ARCH 4263

Seminar

ARCH 4093

Proj Mgmt

DIR ELECT (3)