Program pending OSRHE approval for the 2020-2021 Academic Year

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.00
Total Hours: 140

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>General Education Requirements</td>
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<tr>
<td>All General Education coursework requirements are satisfied upon completion of this degree plan</td>
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<tr>
<td>English Composition</td>
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<tr>
<td>See Academic Regulation 3.5 (<a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition">http://catalog.okstate.edu/university-academic-regulations/#english-composition</a>)</td>
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<tr>
<td>ENGL 1113  Composition I</td>
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<tr>
<td>or ENGL 1313 Critical Analysis and Writing I</td>
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<td>Select one of the following:</td>
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<tr>
<td>ENGL 1213 Composition II</td>
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<td>ENGL 1413 Critical Analysis and Writing II</td>
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<tr>
<td>ENGL 3323 Technical Writing</td>
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<tr>
<td>American History &amp; Government</td>
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<td>Select one of the following:</td>
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<tr>
<td>HIST 1103 Survey of American History</td>
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<tr>
<td>HIST 1483 American History to 1865 (H)</td>
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<tr>
<td>HIST 1493 American History Since 1865 (DH)</td>
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<tr>
<td>POLS 1113 American Government</td>
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<tr>
<td>Analytical &amp; Quantitative Thought (A)</td>
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<tr>
<td>MATH 2144 Calculus I (A)</td>
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<tr>
<td>MATH 2153 Calculus II (A)</td>
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<tr>
<td>Humanities (H)</td>
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<tr>
<td>ARCH 2003 Architecture and Society (H)</td>
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<td>Select 3 hours:</td>
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<tr>
<td>ARCH 3083 History and Theory of Renaissance and Baroque Architecture (H)</td>
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<tr>
<td>ARCH 4173 History and Theory of Skyscraper Design (H)</td>
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<tr>
<td>ARCH 4293 The Ethics of the Built Environment (H)</td>
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<td>ARCH 4374 International Field Study (H)</td>
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<td>Any other ARCH course (H)</td>
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<tr>
<td>ART 3603 History of Classical Art (H)</td>
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<td>ART 3623 History of Italian Renaissance Art (H)</td>
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<td>ART 3633 History of Baroque Art (H)</td>
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<tr>
<td>Any upper-division HIST (H)</td>
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<tr>
<td>Natural Sciences (N)</td>
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CHEM 1414 General Chemistry for Engineers (LN) 4
PHYS 2014 University Physics I (LN) 1 4
PHYS 2114 University Physics II (LN) 4
Three additional hours of (N) 3

Social & Behavioral Sciences (S)
Any lower division course designated (S) 3
Diversity (D)
Any course designated (D)

Students are encouraged to meet the requirement in their selection of (H) or (S) course work

International Dimension (I)
ARCH 2003 meets the (I) requirement.

Scientific Investigation (L)
Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.

Hours Subtotal 43

College/Departmental Requirements

Architecture
ARCH 1112 Introduction to Architecture 1 2
ARCH 1216 Architectural Design Studio I 1 6
ARCH 2116 Architectural Design Studio II 1 6
ARCH 2252 Design Communication I: Visual and Graphic Acuity 1 2
ARCH 2263 Building Systems 1 3

Engineering Science
ENGR 1412 Introductory Engineering Computer Programming 1 2
ENSC 2113 Statics 1 3
ENSC 2143 Strength of Materials 1 3
ENSC 2141 Strength of Materials Lab 1 1

Hours Subtotal 28

Major Requirements/Professional School

Admitted to Professional School of Architecture (see requirements for admission to the upper-division)

Architecture
ARCH 3043 Structural Loadings in Architecture 3
ARCH 3262 Design Communication II: Advanced Digital Applications 2
ARCH 3323 Structures: Steel 1 3
ARCH 4093 Architectural Project Management 3
ARCH 4123 Structures: Concrete I 3
ARCH 4143 Structures: Foundations for Buildings 3
ARCH 4163 Architecture Science 1: Thermal Systems and Life Safety for Architectural Engineers 3
ARCH 4263 Architecture Seminar 3
ARCH 4433 Architectural Science II: Acoustics, Lighting, and Service Systems for Architectural Engineers 3
ARCH 5023 Masonry Design and Analysis 3
ARCH 5226 Architectural Engineering Comprehensive Design Studio 6

Civil Engineering
CIVE 3623 Engineering Materials Laboratory 3
CIVE 4183 Construction Estimating 3
or CIVE 4103  Construction Simulation
or CIVE 4113  Construction Business Management
or CIVE 4133  Construction Contracts and Specifications

CIVE 4273  Construction Engineering and Project Management 3
CIVE 4711  Basic Soils Testing Laboratory 1

Industrial Engineering & Management
IEM 3503  Engineering Economic Analysis 3

Engineering Science, Engineering
ENSC 2123  Elementary Dynamics 3
ENSC 3313  Materials Science 3

Mathematics
MATH 2163  Calculus III 3
MATH 2233  Differential Equations 3

Statistics
STAT 4033  Engineering Statistics 3

Controlled Electives
Select 6 credit hours from:
- ARCH 2890  Honors for Topics in Architecture
- ARCH 3100  Special Topics in Architecture
- ARCH 4100  Special Topics in Architecture
- ARCH 4233  Sustainable Design in Architecture
- ARCH 4293  The Ethics of the Built Environment (H)
- ARCH 5023  Masonry Design and Analysis
- ARCH 5093  Real Estate Development
- ARCH 5193  Management of Architectural Practice
- ARCH 5493  Entrepreneurship and Architecture
- CIVE 5123  The Legal and Regulatory Environment of Engineering
- CIVE 5133  Construction Contracts and Specifications
- CIVE 5143  Project Engineering and Management
- CIVE 5153  Contract Administration
- CET 2263  Estimating I
- CET 3273  Scheduling Construction Projects
- CET 4263  Estimating II
- CET 4283  Business Practices for Construction
- Upper division ARCH, CIVE, CMT, or ENGR.

Hours Subtotal 69
Total Hours 140

1 Courses that must be completed prior to admission to professional school with a ‘C’ or better.

2. A final grade of ‘C’ or better in all ARCH prefix courses, substitutions for ARCH prefix courses, and all non-ARCH prefix courses that are a prerequisite to an ARCH prefix course. The final grade of ‘C’ is however not needed in the terminal courses in a series.

3. The capstone course for Architectural Engineering majors is ARCH 5226 Architectural Engineering Comprehensive Design Studio.

Additional State/OSU Requirements
- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.

Admission to Professional School (required)
- Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

Graduation Requirements
1. A minimum GPA of 2.00 Technical GPA. The Technical GPA is calculated from all courses in the curriculum with a prefix belonging to the degree program, or substitutions for these courses.