## REQUIREMENTS FOR THE BACHELOR OF ARCHITECTURE
### COLLEGE OF ARCHITECTURE
#### THE UNIVERSITY OF OKLAHOMA

**For Students Entering the Oklahoma State System for Higher Education**
**Summer 2011 through Spring 2012**

<table>
<thead>
<tr>
<th>Year</th>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
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<tbody>
<tr>
<td></td>
<td><strong>Hours</strong></td>
<td><strong>Hours</strong></td>
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<tr>
<td>FRESHMAN</td>
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<tr>
<td>ENGL 1113, Principles of English Composition (Core I)</td>
<td>3</td>
<td>ENGL 1213, Principles of English Composition (Core I), or</td>
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<tr>
<td>MATH 1823, Calculus &amp; Analytic Geometry I (Core I)</td>
<td>3</td>
<td>MATH 1823, Expository Writing (Core I)</td>
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<tr>
<td>*ARCH 1142, Design, Construction &amp; Society</td>
<td>2</td>
<td>ARCH 1133, Intro. to Building Technology</td>
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<tr>
<td>ARCH 1154, Design &amp; Graphics Studio I</td>
<td>4</td>
<td>ARCH 1254, Design &amp; Graphics Studio II</td>
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<tr>
<td>PHYS 1114, Physics for Non-Science Majors (Core II)</td>
<td>4</td>
<td>PHYS 1114, Physical Science, with lab</td>
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<tr>
<td>$Minor/Open Elective</td>
<td>3</td>
<td>$Minor/Open Elective</td>
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<tr>
<td><strong>TOTAL CREDIT HOURS</strong></td>
<td><strong>16</strong></td>
<td><strong>TOTAL CREDIT HOURS</strong></td>
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**First Semester**: American Federal Government (Core III)
**Second Semester**: Expository Writing (Core I)

**Freshman**

- **First Semester**: American Federal Government (Core III)
- **Second Semester**: Expository Writing (Core I)

**Sophomore**

- **First Semester**: Architectural Structures I
- **Second Semester**: Studio III

**Junior**

- **First Semester**: Studio VII (Capstone)
- **Second Semester**: Elective (in Architecture/history/theory)

**Senior**

- **First Semester**: Architectural Structures II
- **Second Semester**: Elective (in Architecture/history/theory)

**Fifth Year**

- **First Semester**: Professional Practice I
- **Second Semester**: Professional Practice II

**Senior Capstone Experience** (14 hours, 3 courses - as required by the College of Architecture)

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OU encourages students to complete at least 32 hours of applicable coursework each year to have the opportunity to graduate in five years.

A minimum grade of C is required in all major coursework. Completion of a university-approved minor or Division approved concentration is also required. All first-year courses are to be completed before advancing to the second year unless otherwise approved by the Architecture Division Director.

**University-Wide General Education Requirements (minimum 40 hours)**

- **Core I**: Symbolic and Oral Communication (9–19 hours, 3–5 courses)
  - English Composition—6 hours, 2 courses
  - Mathematics—3 hours, 1 course
  - Foreign Language—0–10 hours, 2 courses in the same language, (which can be met by successfully completing two years of the same foreign language in high school)
  - Other (courses such as communication, logic or public speaking)
- **Core II**: Natural Science (7 hours, 2 courses)
- **Core III**: Social Science (6 hours, 2 courses)
- **Core IV**: Humanities (12 hours, 4 courses)
  - Understanding Artistic Forms—3 hours, 1 course
  - Western Civilization and Culture—6 hours, 2 courses, including HIST 1483 or HIST 1493
  - Non-Western Cultures—3 hours, 1 course

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Courses designated as Core I, II, III, IV, or Capstone are part of the General Education curriculum. Students must complete a minimum of 40 hours of General Education courses, chosen from the approved list, including at least one upper-division Gen. Ed. course outside of the student’s major. Courses graded S/U or P/NP will not apply.
§Minor/Open Elective (30 hours)—Within these 30 hours students must complete a University-approved minor or a multidisciplinary concentration as approved by a faculty adviser appointed by the Division Director. Any open elective hours beyond the minor requirements are the student’s choice but may not include architecture courses.

§PROFESSIONAL ELECTIVE (9 hours)—student choice of upper-division courses in architecture or related discipline.

COURSES IN ARCHITECTURE (ARCH)

1133 Introduction to Building Technology. Introduction of the historical development and application of basic architectural technology including building service systems, structures and systems of building technology. (Sp)

1142 Design, Construction and Society. An introduction to the issues forming and informing the built environment. The history, principles, and practices of architecture, construction, and interior design will be explored. (F)

1154 Design and Graphics Studio I. Individual and/or team projects at an introductory level focused on the comprehensive integration of social, cultural, theoretical, environmental, and technical influences. Application of professional techniques of representation and communication required. (F)

1254 Design and Graphic Studio II. Prerequisite: 1154 with grade of C or better. Students are introduced to the basic principles and concepts for design professionals. Topics include cultural, social, theoretical and behavioral factors and their implications for planning and designing the built environment. Application of professional techniques of representation and communication are required. (Sp)

2233 Architectural Structures I. Prerequisite: Architecture major and completion of 1133, 1142, 1154, 1254, Physics 1114 and Mathematics 1823, or Construction Science major and completion of Physics 2414, and Mathematics 1823. Concepts, knowledge and methods of statics and strengths of materials for architects and constructors. (Sp)

2243 History of the Built Environment I. Prerequisite: majors only or permission of instructor. A theoretical investigation of the cultural, historical, political and aesthetic values of diverse Western and non-western cultures that result in significant built environments through the 16th century. Buildings, urbanism, theories, and cultural context will be emphasized. (F)

2333 Architecture and the Environment. Prerequisite: majors only; 1133, 1142, 1154, 1254. Building/site relationships and introduction of selected environmental and site design concepts, knowledge and methods appropriate for architects. (F)

2343 History of the Built Environment II. Prerequisite: majors only or permission of instructor. Overview of built artifacts in Europe and the Americas since 1750. Emphasis on the formal, philosophical, social, technical and economic context of the projects discussed, as well as their later reinterpretations. (F)

2354 Studio IV. Prerequisite: majors only; 1133, 1142, 1154, 1254. Continuation of 2354. Introduces advanced techniques of representation and communication. Individual and/or team architectural projects of moderate complexity focusing on the comprehensive integration of social, cultural, theoretical, environmental and technical influences on architecture. Application of professional techniques of representation and communication required. Laboratory (F)

3433 Environmental Controls I. Prerequisite: Architecture major and completion of 2233, 2243, 2333, 2343, 2354, 2454; or Construction Science major. Introduction to psychrometrics, heat transmission in buildings, heating, air conditioning and ventilation, solar heat gain, passive solar conditioning, plumbing and fire protection. (F)

3443 Modern and Contemporary Architecture. Prerequisite: 2233, 2243, 2333, 2343, 2354, 2454, and full program admission. Survey and discussion of built artifacts of 20th century architectural culture and the last 25 years of American, Japanese, and European architecture. Emphasis on the formal, philosophical, social, technical and economic context of the projects discussed, as well as their later reinterpretations. (F)

3533 Architectural Materials. Prerequisite: 2233, 2243, 2333, 2343, 2354, 2454, and full program admission. The nature of building materials with regard to form, strength, durability, workability, structure, connections, surfaces and edges. Analysis of architectural expression in use of building materials. (F)

3554 Studio V. Prerequisite: 2233, 2243, 2333, 2343, 2354, 2454, and full program admission. Continuation of 2454. Introduces projects of increasing complexity. Individual and/or team architectural projects of substantial complexity focusing on the comprehensive integration of social, cultural, theoretical, environmental and technical influences on architecture. Application of professional techniques of representation and communication required. Laboratory (F)

3633 Architectural Structures II. Prerequisite: Architecture major and completion of 2233, 2243, 2333, 2343, 2354, and full program admission, or Construction Science major and completion of 2233. Extension of the study of architectural structures through structural design of simple building frameworks; simple structural systems for gravity, lateral and seismic loads in steel, wood and masonry; basic structural detailing. Laboratory (F)

3654 Studio VI. Prerequisite: 2233, 2243, 2333, 2343, 2354, 2454, and full program admission. Continuation of 3554. Introduces projects of urban issues. Individual and/or team architectural projects of substantial complexity focusing on the comprehensive integration of social, cultural, theoretical, environmental and technical influences on architecture. Application of professional techniques of representation and communication required. Laboratory (Sp)

4733 Architectural Structures III. Prerequisite: Architecture major and completion of 3433, 3443, 3533, 3554, 3633, 3654. Continuation of 3634. Extension of the study of architectural structures through structural design of continuous building frameworks; loads, concrete structural systems, foundations, connections and structural detailing. Laboratory (Sp)

4754 Studio VII. Prerequisite: 3433, 3443, 3533, 3554, 3633, 3654. Continuation of 3654. Introduces issues of building systems. Individual and/or team architectural projects at an advanced level focusing on the comprehensive integration of social, cultural, theoretical, environmental and technical influences on architecture. Application of professional techniques of representation and communication required. Laboratory (F)

4833 Environmental Controls II. Prerequisite: Architecture major and completion of 3433, 3443, 3533, 3554, 3633; or Construction Science major. Introduction to acoustics, electrical design, lighting design, alarm and life safety systems. (Sp)

4854 Studio VIII. Prerequisite: 3433, 3443, 3533, 3554, 3633, 3654. Continuation of 4754. Introduces issues of environmental sustainability. Individual and/or team architectural projects at an advanced level focusing on the comprehensive integration of social, cultural, theoretical, environmental and technical influences on architecture. Application of professional techniques of representation and communication required. Laboratory (Sp)

G5055 Studio X. Prerequisite: 4733, 4754, 4833, 4854, and 5955. A continuation of 5955; capstone course, the third of three required. Comprehensive architectural project at a professional level. Project development from schematic design through design development and partial construction documents. Application of professional techniques of representation and communication required. Final project demonstrates professional skills and comprehension of complete environmental, urban, and systems issues in architecture. Laboratory (Sp)

G5163 Professional Practice I. Prerequisite: 4733, 4754, 4833, and 4854 or graduate standing and permission. Principles and procedures for practice of architecture and related professions. Exploration of professional ethics and services, project documents and management, project delivery methods and contractual relationships. (F)

G5263 Professional Practice II. Prerequisite: 4733, 4754, 4833, 4854, 5162 or 5163 or graduate standing and permission. A continuation of 5163. Principles and procedures for practice of architecture and related professions. Exploration of professional ethics and services, project documents and management, project delivery methods and contractual relationships. (Sp)

G5955 Studio IX. Prerequisite: 4733, 4754, 4833, 4854. Capstone course, the second of three required. Comprehensive architectural project at a professional level. Project development from urban context through schematic design. Application of professional techniques of representation and communication required. Laboratory (F)