

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING

COLLEGE OF ENGINEERING THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education
Summer 2006 through Spring 2007

GENERAL REQUIREMENTS

Total Credit Hours **128***
Minimum Retention/Graduation Grade Point Averages:
 Overall - Combined and OU **2.00**
 Major - Combined and OU **2.00**
 Curriculum - Combined and OU **2.00**
A minimum grade of C is required for each course in the curriculum.

Architectural Engineering

0904A
Bachelor of Science in
Architectural Engineering

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

Year	FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
FRESHMAN	ENGL 1113 , Prin. of English Composition (Core I)	3	ENGL 1213 , Prin. of English Composition (Core I), or	3
	CHEM 1315 , General Chemistry (Core II)	5	EXPO 1213 , Expository Writing (Core I)	3
	MATH 1823 , Calculus & Analytic Geometry I (Core I)	3		
	ENGR 1410 , Freshman Engineering Orientation I	0	MATH 2423 , Calculus & Analytic Geometry II (Core I)	3
	ARCH 1153 , Studio I	3	PHYS 2514 , General Physics for Engineering & Science	4
	*CEES 1111 , Intro. to CEES	1	Majors (Core II)	
			ENGR 1420 , Freshman Engineering Orientation II	0
			ARCH 1133 , Introduction to Building Technology	3
			ARCH 1253 , Studio II	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16
SOPHOMORE	ARCH 2243 , History of the Built Environment I (Core IV: Western Civilization & Culture)	3	ARCH 2343 , History of the Built Environment II	3
	MATH 2433 , Calculus & Analytic Geometry III	3	MATH 2443 , Calculus & Analytic Geometry IV	3
	PHYS 2524 , General Physics for Engineering & Science Majors	4	MATH 3113 , Intro. to Ordinary Differential Equations	3
	ARCH 2354 , Studio III	4	§CEES 1000 , CEES Seminar	0
	§CEES 1000 , CEES Seminar	0	CEES 2153 , Mechanics of Materials	3
	CEES 2113 , Statics and Dynamics	3	CEES 2223 , Fluid Mechanics	3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	15
JUNIOR	ARCH 3433 , Environmental Controls I	3	ARCH 4833 , Environmental Controls II	3
	§CEES 1000 , CEES Seminar	0	GEOL 1114 , Physical Geology for Sci. & Engr., or other MATH or Basic Science Elective (four credit hrs.)	4
	CEES 3253 , Introduction to Continuum Mechanics	3	§CEES 1000 , CEES Seminar	0
	CEES 3364 , Soil Mechanics	4	CEES 3334 , Measurements in CEES	4
	CEES 3414 , Structural Analysis I	4	CEES 3403 , Materials	3
	ENGL 3153 , Technical Writing	3	ENGR 2003 , Engineering Practice I	3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	17
SENIOR	HIST 1483 , U.S., 1492-1865, or	3	ANTH 4623 , Approaches to Cross-Cultural Human Problems or approved substitute (Core IV, Non-Western Civ.)	3
	1493 , U.S., 1865-Present (Core IV)	3	P SC 1113 , American Federal Government (Core III)	3
	§CEES 1000 , CEES Seminar	0	§CEES 1000 , CEES Seminar	0
	CEES 4803 , Professional Practice	3	CEES 4903 , Civil Engineering Design (architectural/structural/geotechnical emphasis)	3
	ARCH 4754 , Studio VII	4		
	‡Professional Elective	3	‡Professional Elective	3
†Approved Elective: Core III: Social Science	3	†Approved Elective: Artistic Forms (Core IV)	3	
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15

NOTE: Engineering transfer students may take ENGR 3410 in place of ENGR 1410 and ENGR 1420.

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.

†To be chosen from the University-Wide General Education Approved Course List. Three of these 12 hours must be upper-division (3000-4000). See list in the Class Schedule.

In the College of Engineering, in order to progress in your curriculum, and as a specific graduation requirement, a grade of C or better is required in each course in the curriculum. Please refer to the General Catalog for additional enrollment limitations.

Students must successfully complete prerequisite courses (with a minimum C grade) before proceeding to the next course.

*Two college-level courses in a single foreign language are required; this may be satisfied by successful completion of 2 years in a single foreign language in high school. Students who must take foreign language at the University will have an additional 6-10 hours of coursework.

‡ Chosen with approval of the faculty adviser from the following courses: CEES 3663, 3673, 4753, or 5333.

§Students must complete a minimum of four semesters of CEES 1000.

*This course fulfills the Computer Literacy Requirement for graduation as required by the Oklahoma State Regents for Higher Education.