

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN CONSTRUCTION SCIENCE

CHRISTOPHER C. GIBBS COLLEGE OF ARCHITECTURE

THE UNIVERSITY OF OKLAHOMA

For Students Entering the Oklahoma State System for Higher Education
Summer 2018 through Spring 2019

Credit Hours and Grade Average Requirements

Total Credit Hours **120**
 Minimum Upper-Division Hours Required **48**
Minimum Retention/Graduation Grade Point Averages:
 Minimum OU Retention GPA **2.50**
 Minimum Combined Retention GPA **.250**
 Minimum GPA on all Required Professional Courses **2.50**

Construction Science

B250

Bachelor of Science in
Construction Science

OU encourages students to complete at least 30 hours of applicable coursework each year to have the opportunity to graduate in four years.

Year	FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
FRESHMAN	MATH 1523, Pre-Calculus (Core I)	3	ENGL 1213, Principles of English Composition (Core I), or EXPO 1213, Expository Writing (Core I)	3
	ENGL 1113, Principles of English Composition (Core I)	3	P SC 1113, American Federal Government (Core III)	3
	HIST 1483 or 1493, U.S. History (Core IV)	3	ARCH 2243 or 2343, Hist. of the Built Environ. I (Core IV) or II	3
	CNS 1111, Introduction to Construction Management	1	CNS 1213, Computers in Construction	3
	CNS 2363, Materials & Form	3	CNS 2833, Materials & Methods for Construction	3
	TOTAL CREDIT HOURS	13	TOTAL CREDIT HOURS	15
SOPHOMORE	COMM 1113, Principles of Communication	3	PHYS 2414, General Physics for Life Science Majors (Core II)	4
	ACCT 2113, Fundamental Financial Accounting	3	CNS 2433, Mechanical Systems	3
	ECON 1113, Principles of Economics—Macro (Core III)	3	CNS 2813, Construction Documents & Quantity Surveying	3
	GEOL 1114, Physical Geology for Science & Engineering (Core II)	4	CNS 2812, Construction Fundamentals Lab	2
	CNS 2211, Sustainability	1	B C 2813, Business Communications	3
	TOTAL CREDIT HOURS	14	TOTAL CREDIT HOURS	15
A minimum 2.50 OU and combined retention GPA is required for admission to Construction Science program. Admission is limited to the top 40 students with the required GPAs based on all courses listed above. All courses listed above must be completed before applying for admission to the junior year.				
JUNIOR	CNS 3103, Construction Surveying	3	CNS 4193, Structures I	3
	CNS 3413, Construction Communications	3	CNS 3823, Project Controls Management	3
	CNS 3443, Electrical Systems	3	CNS 3883, Construction Safety	3
	CNS 3512, Cost Estimating	2	CNS elective	3
	CNS 3612, Project Controls Lab I	2	Understanding Artistic Forms Elective (Core IV)	3
	CNS 3812, Project Planning & Scheduling	2		
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15
SUMMER			CNS 4943, Field Work	3
SENIOR	CNS 4233, Architectural Structures II	3	CNS 4153, Legal Issues in Construction	3
	CNS 4133, Building Information Modeling for Construction	3	CNS 4993, Construction Science Capstone (Capstone)	3
	CNS 4523, Pre-Construction Services	3	MGT 3013, Principles of Organization & Management	3
	CNS 4613, Soils and Foundations	3	CNS Elective (upper-division)	3
	L S 3323, Legal Environment of Business	3	Non-Western Culture Elective (Core IV)—Upper-Division	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

A minimum grade of C is required in all CNS courses.

CNS students are strongly encouraged to obtain a minor in Architecture, Business, or Communication.

University-Wide General Education Requirements (minimum 40 hours)

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.

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) •Courses must be taken from different disciplines in the biological and/or physical sciences; one of which must include a laboratory.
Core III	Social Science (6 hours, 2 courses) •One course must be P SC 1113, "American Federal Government"
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 Culture—3 hours, 1 course
Senior Capstone Experience (3 hours, 1 course)	