

CONSTRUCTION SCIENCE, BACHELOR OF SCIENCE IN CONSTRUCTION SCIENCE

Minimum Total Credit Hours: 120
Minimum Upper-Division Hours: 48
Overall GPA - Combined and OU: 2.50
All Required Professional Courses GPA: 2.50

Program Code: B250

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.

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

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 in the first and second years. All of these courses must be completed before applying for admission to the junior year.

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

Course	Title	Credit Hours
Freshman		
First Semester		
MATH 1523	Precalculus and Trigonometry (Core I)	3
ENGL 1113	Principles of English Composition (Core I)	3
HIST 1483 or HIST 1493	United States, 1492 to 1865 (Core IV) or United States, 1865 to the Present	3
CNS 1111	Introduction to Construction Management	1
CNS 2363	Materials and Form	3
Credit Hours		13
Second Semester		
ENGL 1213 or EXPO 1213	Principles of English Composition (Core I) or Expository Writing	3
P SC 1113	American Federal Government (Core III)	3
Choose one of the following:		3
ARCH 2243	History of the Built Environment I (Core IV)	
ARCH 2343	History of the Built Environment II (Core II)	
CNS 1213	Computers in Construction	3
CNS 2833	Materials and Methods for Construction	3
Credit Hours		15
Sophomore		
First Semester		
COMM 1113	Principles of Communication	3
ACCT 2113	Fundamental Financial Accounting	3
ECON 1113	Principles of Economics-Macro (Core III)	3
GEOL 1114	Physical Geology for Science and Engineering Majors (Core II)	4

CNS 2211	Sustainability for Construction Practices	1
Credit Hours		14
Second Semester		
PHYS 2414	General Physics for Life Science Oriented Majors (Core II)	4
CNS 2433	Mechanical Systems	3
CNS 2813	Construction Documents and Quantity Surveying	3
CNS 2812	Construction Fundamentals Lab	2
B C 2813	Business Communications	3
Credit Hours		15
Junior		
First Semester		
CNS 3103	Construction Surveying	3
CNS 3413	Construction Communication	3
CNS 3443	Electrical Systems	3
CNS 3512	Cost Estimating	2
CNS 3612	Project Controls Lab	2
CNS 3812	Project Planning and Scheduling	2
Credit Hours		15
Second Semester		
CNS 4193	Architectural Structures I	3
CNS 3823	Project Controls Management	3
CNS 3883	Construction Safety	3
CNS elective		3
Understanding Artistic Forms Elective (Core IV)		3
Credit Hours		15
Summer		
CNS 4943	Field Work - Required	3
Credit Hours		3
Senior		
First Semester		
CNS 4233	Architectural Structures II	3
CNS 4133	BIM for Constructors	3
CNS 4523	Pre-Construction Services	3
CNS 4613	Soils and Foundations	3
L S 3323	Legal Environment of Business	3
Credit Hours		15
Second Semester		
CNS 4153	Legal Issues in Construction	3
CNS 4993	Construction Science Capstone (Capstone)	3
MGT 3013	Principles of Organization and Management	3
CNS Elective (upper-division)		3
Non-Western Culture Elective (Core IV) –Upper-Division		3
Credit Hours		15
Total Credit Hours		120