

Bachelor of Science Degree

Construction Management (CM) Based on 2024-2025 Catalog

First Year		Second Year		Third Year		Fourth Year	
First Semester	Second Semester	Third Semester	Fourth Semester	Fifth Semester	Sixth Semester	Seventh Semester	Eighth Semester
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
CNST 1330 3 Graphics I P: None	CNST 1301 3 Cons. Materials Methods P: Min of C in CNST 1361 & CNST 1330 or 1315	CNST 2321 3 Mech. & Elect. (MEP) Systems P: Min of C in CNST 1301 or 1325	CNST 2341 3 Construction Documents P: Min of C in CNST 2321 or CNST 2325	CNST 3351 3 Construction Estimating I P: Min of C in CNST 2351	CNST 3205 2 Construction Safety Management P: Min of C in CNST 2351	CNST 4331 3 Construction Management II P: Min of C in CNST 3205, 3301, 3331, & 3351	CNST 4341 3 Project Controls P: Min of C in CNST 4331
OR	OR	OR	OR	OR	OR	OR	OR
CNST 1315 3 Project Drawings & Graphics P: None	CNST 1325 3 Process & Industrial Construction P: Min of C in CNST 1361 & 1330 or 1315	CNST 2325 3 Process & Industrial Subsystems P: Min of C in CNST 1301 or 1325	CNST 2345 3 Contract Doc. For Capital Projects P: Min of C or better in CNST 2321 or 2325	CNST 3365 3 Cost Estimating for Capital Projects P: Min of C in CNST 2351	CNST 3210 2 Safety for Industrial Projects P: Min of C in CNST 2351	CNST 4335 3 Capital Projects Development P: Min of C CNST 3210, 3301, 3331, & 3365	CNST 4385 3 Field Operations for Capital Projects P: Min of C in CNST 4335
MATH 1324 3 Math/reas Finite Math W/Apps P: None	MATH 2312 3 math reas Precalculus P: C- or better in MATH 1314	MATH 2413 4 MATH Calculus I P: C- or better MATH 2312	MATH 1342 3 math reas Elementary Statistical Methods P: None	CNST 3301 3 Constr. Equip. & Methods P: Min of C in CNST 2351 & MATH 2413	CNST 3331 3 Construction Planning & Scheduling P: Min of C in CNST 2351	CNST 4381 3 Reinf Concrete & Building Codes P: Min of C in CNST 3355	CNST 4311 3 Structural Steel & Timber Construction P: Min of C in CNST 3355
OR	OR	OR	OR	OR	OR	OR	OR
CNST 1361 3 Construction Management I P: None	GOVT 2305 3 PS US Government P: None	CNST 2360 3 Effective Communication in Construction P: ENGL 1301 & Min of C in (CNST 1361 & (CNST 1301 or 1325) & (CNST 1315 or 1330))	CNST 2351 3 Construction Estimating I P: Min of C in CNST 2321 or 2325	CNST 3185 1 Cons. Experience (Appr. Field Experience) P: Min of C in CNST 2351 & CNST 2360	CNST 3265 2 Constr. Layout & Site Develop. P: Min of C in MATH 2413	CNST 4345 3 Reinforced Concrete Structure P: Min of C in CNST 3355	CNST 4315 3 Steel Construction P: Min of C in CNST 3355
ENGL 1301 3 Comm First Year Writing I P: App score on TSI	ENGL 1302 3 Comm First Year Writing II P: ENGL 1301 or equivalent	PHYS 1301 3 NS College Physics I P: MATH 2312 or Equiv	PHYS 1302 3 NS College Physics II or GEOL 1303 Physical Geology P: PHYS 1301	CNST 3355 3 Strength of Const. Materials P: Min of C in PHYS 1301 & MATH 2413	CNST 3372 3 Soil Mechanics & Foundations P: Min of C in CNST 3355	CNST 4220 2 Comprehensive CM & Emerging Practices P: Concurrent enrollment in CNST 4331 or 4335	CNST 4302 3 Construction Law & Ethics P: Min of C in CNST 2341 or 2345
HIST 1301 3 Hist The U.S. to 1877 P: None	HIST 1302 3 Hist The U.S. Since 1877 P: None	ECON 2302 3 SS Prin of Microeconomics OR ECON 2301 Princ of Macroeconomics P: MATH 1314 or Equiv. or COI	GOVT 2306 3 PS US/Texas Const & Politics P: None	CNST 3155 1 Constr. Materials & Testing P: Min of C in PHYS 1301 & MATH 2413	MANA 3335 3 Intro to Organizational Behavior & Management P: Good Academic Standing and CM major	BUSI 4350 3 Bus. Elective See approved list P: Junior Standing	Lang, Phil & Culture from approved list
ACCT 2301 3 Prin of Financial Acct P: None	ACCT 2302 3 Prin of Mangerial Acct P: Min of C in ACCT 2301	BUSI 4350 3 Bus Law & Ethics (Inten. Writing Req.) P: Declared CM major and CNST 1361					

15

15

16

15

14

16

14

15

Lower Division Classes

Upper Division Classes

Total credit hours required =

120

Construction Courses

Commercial Track	OR	Process & Industrial track
------------------	-----------	----------------------------

Engineering (Construction Science)

Commercial Track	OR	Process & Industrial track
------------------	-----------	----------------------------

Business and Management

FINA 3332- Prin of Financial Mgmt
MARK 3336- Elmnt-Mkt Admin
ENTR 3310- Entrepreneurship
ENTR 3312-Corporate Entrepreneurship
SCM 3301- Service and Manufacturing Operations

Math & Physics

--

General Education Core

--

Course prerequisites STRICTLY enforced. Students will be automatically dropped from classes if missed prerequisites.

Courses required for Degree are based on catalog year student declares major, please verify this is the correct course sequence. Prerequisites for course are effective at the time student enrolls in coursework and may change, please check catalog for current prerequisites.

Students must receive a "C" or better in major courses.