

# Bachelor of Science Degree Construction Management (CM) Based on 2023-20234 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
<p>CNST 1330   3 <b>Graphics I</b></p> <p>P: None</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 1315   3 <b>Project Drawings &amp; Graphics</b></p> <p>P: None</p> <p>MATH 1324   3   Math/reas <b>Finite Math W/Apps</b></p> <p>P: None</p> <p>CNST 1361   3 <b>Construction Management I</b></p> <p>P: None</p> <p>ENGL 1301   3   Comm <b>First Year Writing I</b></p> <p><small>P: App scores on 120</small></p> <p>HIST 1301   3   Hist <b>The U.S. to 1877</b></p> <p>P: None</p>	<p>CNST 1301   3 <b>Cons. Materials Methods</b></p> <p>P: Min of C in CNST 1361 &amp; CNST 1330 or 1315</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 1325   3 <b>Process &amp; Industrial Construction</b></p> <p>P: Min of C in CNST 1361 &amp; 1330 or 1315</p> <p>MATH 2312   3   math reas <b>Precalculus</b></p> <p>P: C- or better in MATH 1314</p> <p>GOVT 2305   3   PS <b>US Government</b></p> <p>P: None</p> <p>ENGL 1302   3   Comm <b>First Year Writing II</b></p> <p>P: ENGL 1301 or equivalent</p> <p>HIST 1302   3   Hist <b>The U.S. Since 1877</b></p> <p>P: None</p>	<p>CNST 2321   3 <b>Mech. &amp; Elect. (MEP) Systems</b></p> <p>P: Min of C in CNST 1301 or 1325</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 2325   3 <b>Process &amp; Industrial Subsystems</b></p> <p>P: Min of C in CNST 1301 or 1325</p> <p>MATH 2413   4   MATH <b>Calculus I</b></p> <p>P: C- or better MATH 2312</p> <p>CNST 2360   3 <b>Effective Communication in Construction</b></p> <p>P: ENGL 1301 &amp; Min of C in (CNST 1361 &amp; CNST 1301 or 1325) &amp; (CNST 1315 or 1330)</p> <p>PHYS 1301   3   NS <b>College Physics I</b></p> <p>P: MATH 2312 or Equiv</p> <p>ECON 2302   3   SS <b>Prin of Microeconomics OR ECON 2301</b> Princ of Macroeconomics P: MATH 1314 or Equiv. or COI</p>	<p>CNST 2341   3 <b>Construction Documents</b></p> <p>P: Min of C in CNST 2321 or CNST 2325</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 2345   3 <b>Contract Doc. For Capital Projects</b></p> <p>P: Min of C or better in CNST 2321 or 2325</p> <p>MATH 1342   3   math reas <b>Intro Probability &amp; Statistics</b></p> <p>P: None</p> <p>CNST 2351   3 <b>Construction Estimating I</b></p> <p>P: Min of C in CNST 2321 or 2325</p> <p>PHYS 1302   3   NS <b>College Physics II or GEOL 1303 Physical Geology</b></p> <p>P: PHYS 1301</p> <p>GOVT 2306   3   PS <b>US/Texas Const &amp; Politics</b></p> <p>P: None</p>	<p>CNST 3351   3 <b>Construction Estimating II</b></p> <p>P: Min of C in CNST 2351</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 3365   3 <b>Cost Estimating for Capital Projects</b></p> <p>P: Min of C in CNST 2351</p> <p>CNST 3301   3 <b>Constr. Equip. &amp; Methods</b></p> <p>P: Min of C in CNST 2351 &amp; MATH 2413</p> <p>CNST 3185   1 <b>Cons. Experience (Appr. Field Experience)</b></p> <p>P: Min of C in CNST 2351 &amp; CNST 2360</p> <p>CNST 3355   3 <b>Strength of Const. Materials</b></p> <p>P: Min of C in PHYS 1301 &amp; MATH 2413</p> <p>CNST 3155   1 <b>Constr. Materials &amp; Testing</b></p> <p>P: Min of C in PHYS 1301 &amp; MATH 2413</p> <p>ACCT 2301   3 <b>Prin of Financial Acct</b></p> <p>P: None</p>	<p>CNST 3205   2 <b>Construction Safety Management</b></p> <p>P: Min of C in CNST 2351</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 3210   2 <b>Safety for Industrial Projects</b></p> <p>P: Min of C in CNST 2351</p> <p>CNST 3331   3 <b>Construction Planning &amp; Scheduling</b></p> <p>P: Min of C in CNST 2351</p> <p>CNST 3265   2 <b>Constr. Layout &amp; Site Develop.</b></p> <p>P: Min of C in MATH 2413</p> <p>CNST 3372   3 <b>Soil Mechanics &amp; Foundations</b></p> <p>P: Min of C in CNST 3355</p> <p>MANA 3335   3 <b>Intro to Organizational Behavior &amp; Management</b></p> <p>P: Good Academic Standing and CM major</p> <p>ACCT 2302   3 <b>Prin of Managerial Acct</b></p> <p>P: Min of C in ACCT 2301</p>	<p>CNST 4331   3 <b>Construction Management II</b></p> <p>P: Min of C in CNST 3205, 3301, 3331, &amp; 3351</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 4335   3 <b>Capital Projects Development</b></p> <p>P: Min of C CNST 3210, 3301, 3331, &amp; 3365</p> <p>CNST 4381   3 <b>Reinf Concrete &amp; Building Codes</b></p> <p>P: Min of C in CNST 3355</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 4345   3 <b>Reinforced Concrete Structure</b></p> <p>P: Min of C in CNST 3355</p> <p>CNST 4220   2 <b>Comprehensive CM &amp; Emerging Practices</b></p> <p>P: Concurrent enrollment in CNST 4331 or 4335</p> <p>Bus. Elective See approved list</p> <p>P: Junior Standing</p> <p>BUSI 4350   3 <b>Bus Law &amp; Ethics (Inten. Writing Req.)</b></p> <p>P: Declared CM major and CNST 1361</p>	<p>CNST 4341   3 <b>Project Controls</b></p> <p>P: Min of C in CNST 4331</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 4385   3 <b>Field Operations for Capital Projects</b></p> <p>P: Min of C in CNST 4335</p> <p>CNST 4311   3 <b>Structural Steel &amp; Timber Construction</b></p> <p>P: Min of C in CNST 3355</p> <p style="text-align: center;"><b>OR</b></p> <p>CNST 4315   3 <b>Steel Construction</b></p> <p>P: Min of C in CNST 3355</p> <p>CNST 4302   3 <b>Construction Law &amp; Ethics</b></p> <p>P: Min of C in CNST 2341 or 2345</p> <p>Lang, Phil &amp; Culture from approved list</p> <p>Creative Arts from approved list</p>
15	15	16	15	14	16	14	15
Lower Division Classes				Upper Division Classes			

Total credit hours required = **120**

<b>Construction Courses</b> Commercial Track <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">OR</div> Process & Industrial track	<b>Engineering (Construction Science)</b> Commercial Track <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 2px;">OR</div> Process & Industrial track	<b>Business and Management</b> FINA 3332- Prin of Financial Mgmt MARK 3336- Emnt-Mkt Admin ENTR 3310- Entrepreneurship ENTR 3312-Corporate Entrepreneurship SCM 3301- Service and Manufacturing Operations	<b>Math &amp; Physics</b>	<b>General Education Core</b>
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**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.