

**Construction Management Major
Bachelor of Science**

Fall 2024 6/13/2024

	CR HRS	CR Bal	CR Rec	Prerequisites/Periodicity
General Education Requirements (45-49 Hrs)				
Specific General Education for Construction Majors				
MTH 137 - Precalculus 2 or higher	3			C or better in MTH 136 or appropriate score on the math placement exam
Recommended Writing II: ENG 321 - Beginning Technical Writing	3			ENG 110, 45 hours
Physical Science: PHY 123 - Intro to Physics I OR	4			C or better in MTH 136 or 287; Eligibility for MTH 261
PHY 203 - Foundations of Physics 1	5			MTH 261 completed or concurrent if ACT >= 29
Recommended Life Science: BIO 101 - Biology in your World OR	3			
GLG 115 - Life of the Past	3			
ECO 155 - Principles of Macroeconomics OR	3			
ECO 165 - Principles of Macroeconomics	3			
PSY 121 - Intro to Psychology	3			
Recommended Public Issues: ITC 200 - Critical and Creative Thinking OR	3			12 hours
CSC 210 - Public Affairs Issues in Computing	3			12 hours
Construction Management				
TCM 121 - Construction Principles & Practices	3			Fall
TCM 122 - Construction Materials & Methods	3			Spring
TCM 221 - Construction Documents and Quantity Take-off	3			TCM 121 or 122 or TCM 123
TCM 223 - Construction Surveying	3			TCM 221; and MTH 137 or higher
TCM 226 - Construction Project Administration	3			TCM 221
TCM 267 - Statics	3			PHY 123 or 203 / Fall
TCM 313 - Virtual Design and Construction	3			TCM 221
TCM 318 - Structural Design Principles	3			TCM 267/ Spring
TCM 320 - Construction Contracts, Specifications & Law	3			LAW 231 or TCM 303/Fall
TCM 321 - Mechanical Systems for Buildings	3			TCM 221 and MTH 134 or higher/ Fall
TCM 322 - Electrical Systems for Buildings	3			TCM 221/ Spring
TCM 324 - Construction Cost Estimating I	3			TCM 221 and TCM 226 or concurrent enrollment
TCM 326 - Construction Soils & Foundations	3			TCM 267/ Spring
TCM 366 - Adv. Mech. and Elect. Systems OR	3			TCM 321 and TCM 322
TCM 424 - Mech. and Elect. Systems Estim.	3			TCM 321, 322, 324/ Demand
TCM 401 - Construction Leadership	3			TCM 494/ Fall
TCM 425 - Construction Planning & Scheduling	3			TCM 226 and 324
TCM 427 - Construction Equipment Management	3			TCM 324/ Spring
TCM 453 - Construction Cost Mgt	3			TCM 324, ACC 201/ Spring
TCM 454 - Construction Safety and Quality Mgt.	3			TCM 221/Fall
TCM 494 - Professional Internship	1			TCM 454, Permission
TCM 499 - Senior Project	3			Permission
ACC 201 - Intro. to Financial Accounting	3			12 hrs; "C" or better in MTH 134 or above
ITC 201 - Computer Applications for Business	3			
LAW 231 - Legal Environment of Business	3			24 hours
MGT 340 - Organizational Behavior and Management	3			54 hours, PSY 121
QBA 237 - Basic Business Statistics	3			"C" or better in MTH 134 or higher

No more than 30 hours of coursework from the Business unit will be allowed.

Admission Requirements:

Formal admission to the Construction Management major requires a passing grade in MTH 137 or higher. In addition the following courses: GEP 101/UHC 110, COM 115, and ENG 105 or 110 are also required for admission.

Cr Rec - Credit hours received for courses completed. Cr Bal - Credit balance needed to fulfill requirements.

Electives, as needed to bring total credit hours to a minimum of 120 and upper division hours (300+) to 40.

For advisement only. Consult appropriate catalog for degree requirements.