

**Construction Management
Bachelor of Science Major Requirements**

Fall 2011

	CR HRS	CR REC	CR BAL	Prerequisites		CR HRS	CR REC	CR BAL	Prerequisites
General Education Requirements (50-53)					Construction Management (45 Hrs)				
The following special requirements can be counted toward the General Education Requirements:					TCM 121 - Construction Principles & Practices	3			
MTH 287 - Comput Calc w/Analy Geometry I or MTH 261 - Analytical Geometry & Calc I or MTH 285 - Calc for Business & Soc Sci	3			C or better in MTH 135 or 138	TCM 122 - Construction Materials & Methods	3			
PHY 123 - Introduction to Physics ¹	4			Eligibility for MTH 261; CIS/CSC 101	TCM 221 - Construction Drawings	3			TCM 121 or 122 or concurrent enrollment
Lab based Science course ² (GLG110 - Principles of Geology or GRY142 - Introductory Physical Geography recommended)	4				TCM 318 - Structural Design Principles	3			TCM 267
ECO 155 - Principles of Macroeconomics	3				TCM 320 - Construction Contracts, Specifications & Law	3			LAW 231
PSY 121 - Introductory Psychology	3				TCM 321 - Mechanical Systems for Buildings	3			TCM 121 or 122 and MTH 135 or higher
PHI 115 - Ethics & Contemporary Issues	3				TCM 322 - Electrical Systems for Buildings	3			TCM 221
Writing II: ENG 321 (3) is recommended	3			ENG 110 or equiv	TCM 323 - Construction Surveying	3			TCM 221; MTH 261 or 287 & 53 hours
Note 1: OR PHY 203					TCM 324 - Construction Cost Estimating I	3			TCM 122 & TCM 221
Note 2: May choose from any lab-based science. Effective Fall 2006, both science courses must be lab based.					TCM 326 - Construction Soils & Foundations	3			TCM 267
Complete the following Industrial Management Core Courses (24 hrs.)					TCM 424 - Construction Cost Estimating II	3			TCM 267
TCM 267 - Statics	3			PHY 123 ¹ MTH 261 or 287	TCM 425 - Construction Planning & Scheduling	3			TCM 324, Concurrent enroll in TCM 425 recommended
TCM 359 - Principles of Project Management	3			53 hrs.	TCM 426 - Construction Project Administration	3			TCM 324 & TCM 359. Concurrent enroll in TCM 424 recommended
TCM 454 - Construction Safety Mgt. Or TCM 455 - Safety Management	3			53 hrs.	TCM 427 - Construction Equipment Management	3			TCM 320
TCM 456 - Supervision	3			53 hrs.	TCM 453 - Construction Cost Management	3			TCM 324
TCM 494 - Professional Internship	1			Permission of Dept Head					TCM 324, ACC 201
TCM 499 - Senior Project	2			Permission of Dept Head	Select 6 hrs. from the following:				
ACC 201 - Intro. to Financial Accounting	3			24 hrs; MTH 135 or above	ACC 211(3), 311(3); BUS 135(3); CIS 201(2); ECO 165(3); FIN 266(3), 380(3), 367(3), FIN/LAW368(3), FIN 369(3); LAW 332(1), 335(2), 531(3), 532(3); MGT 345(3), 364(3), 367(3), 368(3), 465(3); MKT 350(3), 355(3), 430(3), 440(3), 450(3); QBA 337(3); TCM 358(3); approved TCM technical elective (3)				
QBA 237 - Basic Business Statistics	3			MTH 135 or higher; CIS/CSC 101					
LAW 231 - Legal Environment of Business	3			24 hrs					
Informational Notes:									
CR REC - Credit received for courses completed.									
CR BAL - Credit balance needed to fulfill requirements.									
A minimum of 12 credit hours not counted as requirements on any other major or minor, and exclusive of "problems" and readings" courses is required for the completion of any additional major in business.									
Electives as needed to total 125 hours overall, and 40 hours upper division (300+).									
No more than 31 hours of coursework from the Business unit will be allowed. CIS 101, QBA and ECO courses do not apply to the 31 hours.									
Admission Requirements: Formal admission to the Construction Management major requires completion of MTH 261, 285 or 287.									
The selected math course must be completed with a grade of "C" or better. In addition the following courses: GEP 101/UHC 110, CIS/CSC 101 or CSC 111, COM 115, ENG 110, and PED 100 are also required.									