

Construction Management Option for the Bachelor of Science Degree

Suggested Course Sequence with UCC-21 Requirements

Freshman - Fall			
CS	ITCST 104	Intro to Constr. Mgmt.	3
CS	ITCST 106	CAD for Construction Management	3
FDN	ENG 103	Written Communication	3
FDN	Choice	History	3
FDN	MATH 125	Mathematics	3
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Freshman - Spring			
CS	ITCST 180	Construction Documents	3
CS	MATHS 112	Pre-Calculus Trigonometry	3
FDN	COMM 210	Oral Communication	3
T1D	Choice	TIER 1 Domain (FA or HU)	3
TE	Choice	Technical Elective	3
			15

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Sophomore - Fall			
CS	ITCST 200	Site Preparation	3
CS	ITDPT 160	Technical Analysis	3
CS/T1D	PHYCS 110	General Physics 1	4
BA	MGT 200	Management Principles	3
FDN	Choice	Physical Wellness	2
			15

Sophomore - Spring			
CS	ITCST 250	Construction Methods & Materials	3
CS	ITCST 252	Building Diagnostics	3
CM	ITCST 365	Construction Safety	3
CS	CHEM 111	General Chemistry 1	4
BA	ACC 201	Principles of Accounting 1	3
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Sophomore - Summer			
CM	ITDPT 380	Internship in Technology	3

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Junior - Fall			
CM	ITCST 320	Estimating	3
CM	ITCST 355	Planning & Scheduling	3
CM	ITDPT 390	Training & Development	3
CS/T1D	ECON 201	Microeconomics	3
FDN	Choice	Personal Finance	1
T1D	Choice	TIER 1 Domain (FA or HU)	3
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Junior - Spring			
CS	ITCST 300	Structural Mechanics	3
CM	ITCST 310	Ethics in Construction	3
CM	ITCST 400	Constr. Project Management	3
BA	ISOM 251	Introduction to Operations Mgmt.	3
T2	Choice	TIER 2 + WISER "W"	3
			15

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Junior - Summer			
CM	ITDPT 380	Internship in Technology	3

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Senior - Fall			
CS	ITCST 350	Mech. & Elec. Systems	3
BA	MATHS 181	Elem. Prob. & Stat. (or ECON 221)	3
T2	Choice	TIER 2 + WISER designation	3
TE	Choice	Technical Elective	3
TE	Choice	Technical Elective	3
			15

Senior - Spring			
CM	ITCST 420	Constr. Finance & Law	3
CM/T3	ITCST 460	Capstone in Construction	3
TE	Choice	Technical Elective	3
TE	Choice	Technical Elective	1
BA	BL 260	Principles of Business Law	3
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Legend

FDN	TIER1 Foundation course of UCC-21 (15 hours total)
T1D	TIER 1 Domain Course (One each from Fine Arts, Humanities, Natural Sciences, and Social Sciences) (12 hours total - 6 hours overlap w/CS)
T2	TIER 2 Course (6 hours total)
T3	TIER 3 course (overlap with CM)
CS	Construction Science, 41 hours
CM	Construction management, 30 hours
TE	Technical elective, 6-9 hours approved by advisor
BA	Business Administration minor, 15 hours