



Dual Degree Program
BS Construction Engineering Technology
BS Civil Engineering



MWSU—Fall Semester 1		MWSU—Spring Semester 1		UMKC—Summer Semester 1	
	Hrs		Hrs		Hrs
UNV 101 The University Experience	1	CET 254 Construction Methods & Equipment	4	PHY 240 Physics for Scientists & Engineers I	5
CET 105 Construction Materials	3	CET 256 Bituminous, Concrete & Soils	3		
ENG 104 College Writing/Rhetoric	3	COM 104 Oral Communication	3		
EGT 205 Computer-Aided Drafting I	3	EGT 215 Computer-Aided Drafting II	3		
MATH 167 Calculus w/Analytical Geometry I	5	MATH 177 Calculus w/Analytical Geometry II	5		

MWSU—Fall Semester 2		MWSU—Spring Semester 2		UMKC—Summer Semester 2	
	Hrs		Hrs		Hrs
EGT 202 Surveying I	3	CET 260 Mechanics of Materials	4	PHY 250 Physics for Scientists & Engineers II	5
MAT 287 Multivariable Calculus*	5	EGT 350 Technical Report Writing	3		
EGT 260 Statics	3	CET 270 Electrical Installations	3		5
CET 360 Construction Management	3	Humanities & Fine Arts Course	3		1
ENG 108 or ETC 200 College Writing or Intro to Technical Communication	3	Social & Behavioral Sciences Course	3		
		CET 351 Construction Estimating I	3		

MWSU—Fall Semester 3		MWSU—Spring Semester 3		MCC—Summer Semester 3	
	Hrs		Hrs		Hrs
CET 308 Analysis of Structures	3	EGT 370 Financial Aspects of Eng Projects	2	ENGR 240 Mechanics of Materials (at MCC)	3
CET 315 Mechanical Systems	3	CET 456 Construction Contracts Administration	3		
CET 451 Construction Estimating II	2	Humanities & Fine Arts Course	3		
MAT 317 Differential Equations	3	CHE 111/112 General Chemistry I and Lab	6		
Social & Behavioral Sciences Course	3	Social & Behavioral Sciences Course	3		
Humanities & Fine Arts Course	3				

UMKC—Fall Semester 4		UMKC—Spring Semester 4		UMKC—Summer Semester 4	
	Hrs		Hrs		Hrs
STAT 235 Elementary Statistics	3	CIV-ENGR 323 Structural Steel Design	3		
CIV-ENGR 321 Structural Analysis	4	CIV-ENGR 378WI Civil Engineering Materials	3		
CIV-ENGR 335 Soil Mechanics	3	CIV-ENGR 497 Engineering Hydrology	3		
CIV-ENGR 467 Construction Management	3	CIV-ENGR 351 Fluid Mechanics	3		
CIV-ENGR 113 Engineering Measurements	1	CIV-ENGR Special Topics	1		
MATH 345L Ordinary Differential Equations Lab	1				

UMKC—Fall Semester 5		UMKC—Spring Semester 5		UMKC—Summer Semester 5	
	Hrs		Hrs		Hrs
CIV-ENGR 411 System Design I	2	CIV-ENGR 412 System Design II	3		
CIV-ENGR 422WI Reinforced Concrete	3	CIV-ENGR 481 Intro to Transportation	3		
CIV-ENGR 432 Foundation Engineering	3	CIV-ENGR 342 Intro to Environmental Eng	3		
CIV-ENGR Elective 3XX-4XX	3	CIV-ENGR Elective 3XX-4XX	3		
CIV-ENGR Elective 3XX-4XX	3				

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