



**Dual Degree Program**  
**BS Construction Engineering Technology**  
**BS Civil Engineering**  
**AY 2020-2021**



MWSU—Fall Semester 1	Hrs	MWSU—Spring Semester 1	Hrs	MWSU—Summer Semester 1	Hrs
ENG 104 College Writing & Rhetoric	3	EGT 215 Computer Aided Drafting II	3		
MAT 167 Calculus I	5	MAT 177 Calculus II	5		
EGT 205 Computer Aided Drafting I	3	CET 254 Construction Methods & Equipment	3		
CET 105 Construction Materials	3	CET 256 Bituminous, Concrete & Soils	3		
		COM 104 Oral Communications	3		

MWSU—Fall Semester 2	Hrs	MWSU—Spring Semester 2	Hrs	MWSU—Summer Semester 2	Hrs
EGT 202 Surveying I	3	PHY 211 University Physics II	5		
MAT 287 Calculus III	5	MAT 317 Differential Equations	3		
PHY 210 University Physics I	5	GS Category IV (MDHE Core 42 Approved)	3		
CET 360 Construction Management	3	GS Category IV (MDHE Core 42 Approved)	3		

MWSU—Fall Semester 3	Hrs	MWSU—Spring Semester 3	Hrs	UMKC—Summer Semester 3	Hrs
EGT 265 Engineering Statics	3	EGT 370 Financial Aspects of Eng Projects	3	CE 276 Strength of Materials	3
GS Category III (MDHE Core 42 Approved)	3	CHEM 111 General Chemistry	5	CIMM 100 Shop Safety (at MCC)	1
GS Category III (MDHE Core 42 Approved)	3	MDHE Core 42 Approved Elective	2		
GS Category IV (MDHE Core 42 Approved)	3	CET 260 Mechanics of Materials	4		
ENG 108 College Writing & Research	3				

UMKC—Fall Semester 4	Hrs	UMKC—Spring Semester 4	Hrs	UMKC—Summer Semester 4	Hrs
ECE 217 Engineering Computation	2	CE 335 Soil Mechanics	3		
ME 351 Fluid Mechanics	3	CE 497 Engineering Hydrology	3		
CE 321 Structural Analysis	3	CE Interest Area Elective	3		
CE 378WI Civil Engineering Materials	3	CE Interest Area Elective	3		
CE Interest Area Elective	3	OSHA 10 Hour Certification	-		

UMKC—Fall Semester 5	Hrs	UMKC—Spring Semester 5	Hrs	UMKC—Summer Semester 1	Hrs
CE 319 Engineering Computation & Statistics	3	CE 318 GIS for Engineers	3		
CE 411 System Design I	3	CE 412 System Design II	3		
CE 432 Foundation Engineering	3	CE Interest Area Elective 3XX-4XX	3		
CE 467 Construction Management	3	CE Interest Area Elective 3XX-4XX	3		
CE Interest Area Elective 3XX-4XX	3	CE Interest Area Elective 3XX-4XX	3		

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