

BIM Minor (135 hrs)

FOR STUDENTS ENTERING FALL 2020
 (C- POLICY IN EFFECT)

FRESHMAN

MA 16500 MA 16100 Analytic Geometry & Calc. I F S 4.0	CHM 11500 General Chemistry F S 3.0	Written Communication F S 3.0		ENGR 13100 Transforming Ideas to Innovation I F S 2.0	
MA 165161 MA 16600 MA 16200 Analytic Geometry & Calc. II F S 4.0	Science Selective F S 3.0	Oral Communication F S 3.0	MA 165 PHYS 17200 Modern Mechanics F S 4.0	ENGR 13200 Transforming Ideas to Innovation II F S 2.0	CEM 18000 Constr Engr Pre-Prof Dev 2S 1.0

CEM 191: Summer Internship 1 Sponsor: _____ Location: _____ Year: _____

13
16
1

SOPHOMORE

MA 166162 MA 26100 Multivariate Calculus F S 4.0	PHYS172/LMA261 CE 29700 Basic Mechanics I: Statics F S 3.0	CEM 20100 Life Cycle Eng Mgmt Constructd Facility F S 3.0	CGT 164 CE 20300 Principles & Pract. of Geomatics F S 4.0	CGT 16400 Graphics for CE and Construction F S 2.0	
MA 26200 Linear Algebra & Diff Equations F S 4.0	CE 297 CE 27000 Intro. Structural Mechanics F S 4.0	MGMT 20000 Gen Elective Introductory Accounting F S 3.0	PHYS 172/MA 166 PHYS 24100 Electricity & Optics F S 3.0	CEM 19100 CEM 28000 Gen Elective Construction Eng. Prof. Devel. I S 1.0	

SUMMER
 CEM 291: Summer Internship 2 Sponsor: _____ Location: _____ Year: _____
 GENERAL ELECTIVE (3) _____

16
15
3

JUNIOR

CE 27000 CE 33500 Civil Engr Materials F S 4.0	CE 297 CE 29800 Basic Mechanics II: Dynamics F S 3.0	MGMT 200 MGMT 30400 Gen Elective Intro. Financial Management F S 3.0	CEM 201 CEM 30100 Proj Cntrl&Life Cycle Constr Fac F S 3.0	CEM 280 CEM 38000 Gen Elective Construction Eng. Prof. Devel. II F S 1.0	
MA 162 STAT 51100 Statistical Methods F S 3.0	CE 298 CE 34000/CE 34300 Hydraulics Elem Hydro Lab F S 4.0	CE 270 CE 37100 Structural Analysis I F S 3.0	CE 340/CE 343 CE 38300 Geotech Eng I F S 3.0	TECH ELECTIVE F S 3.0	CGT 36000 Appl of Const Doc I S 3.0

SUMMER
 CEM 391: Summer Internship 3 Sponsor: _____ Location: _____ Year: _____
 GENERAL ELECTIVE (3) _____

14
19
3

SENIOR

CE 371 CEM 45500 Temp Structures F S 3.0	CE 371 CE 47300 Reinforced Concrete Design F S 4.0	CEM 291 CEM 42501 Construction Eng. Capstone I F S 2.0	CEM291/CEM301 CEM 32400 Human Resource Mgmt Constr F S 3.0	TECH ELECTIVE F S 3.0	CGT 46200 Appl Const Doc II F S 3.0
TECH ELECTIVE F S 3.0	CE 21101 Thermal & Energy Sciences F S 3.0	CEM 48500 Legal Aspects in Construction Eng S 3.0	CEM 42501/CEM291 CEM 42502 Construction Eng. Capstone II S 2.0	GEN ELECTIVE F S 3.0	CGT 46000 Bldg Information Model S 3.0

Refer to advisor for Gen Elective and Tech Elective options.

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17
135

Gen Elec Audit: _____ Gen Elec Audit: _____ Courses Not Utilized: _____ Checked by: _____

BSS _____ Upper level 6 cr hr _____

H _____ MGMT 30400 _____

STS _____ Date: _____