

Major Map: Construction (Concrete Industry Management) - Bachelor of Science (B.S.) Ira A. Fulton School of Engineering, Tempe Campus Catalog Year: 2009-2010

		ı	Completed AT		Completed AGEC: Yes No	
Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
TERM ONE: 0-15 CREDIT HOURS	1113.	Division	Course/ Grade	пециней	Additional Critical Requirement Potes	
	1				Complete CIM 105 with a minimum grade of	
# ASU 101-FSE: The ASU Experience # CIM 105: Intro to Concrete Industry	2			Grade of C	ASU 101-FSE should be completed first semester. An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition	
·	3					
MAT 265: Calculus for Engineers I (MA)				Grade of C		
PHY 111/113: General Physics I/ Laboratory I (SQ) # CON 101: Construction and Culture: A Built Environment (HU, G,	3/1			Grade of C		
H)	3				courses	
					ASU Math Placement Exam score determines	
					placement in Mathematics course	
ENG 101 or 102: First-Year Composition OR					**If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor.	
ENG 101 of 102; First-Year Composition ** OR					# Designates Major Course: A minimum cumulative gpa of 2.0 required.	
ENG 107 or 108: English for Foreign Students	3			Grade of C		
TERM TWO: 16-30 CREDIT HOURS						
# CIM 106: Concrete Fundamentals	4			Grade of C	Complete CIM 106 with a minimum grade of "C"; STP 226 # Designates Major Course: A minimum cumulative gpa of 2.0 required.	
# CON 243: Heavy Construction Equipment, Methods, Materials	3					
# CON 244: Working Drawing Analysis	1					
# CON 252: Building Construction Methods, Materials, Equipment	3					
STP 226: Elements of Statistics (CS)	3					
ENG 101 or 102: First-Year Composition OR		_				
ENG 105: Advanced First-Year Composition** OR	_				1	
ENG 107 or 108: English for Foreign Students	3			Grade of C		
TERM THREE: 31-45 CREDIT HOURS		_			G 1. CT 405 TVG 405 405 400	
# CIM 205: Concrete Construction Methods	3			Grade of C	Complete CIM 205; ENG 102 or 105 or 108 with a minimum grade of "C"; COM 225;	
# CON 221 Applied Statics	3				CON 221, ECN 211	
# CON 251: Microcomputer Applications for Construction	3				Complete First-Year Composition requirement:	
•					ENG 101 & 102 or ENG 107 & 108 or ENG 105	
COM 225: Public Speaking (L)	3				# Designates Major Course: A minimum cumulative gpa of 2.0 required.	
ECN 211: Macroeconomic Principles (SB)	3				gpa of 2.0 required.	
TERM FOUR: 46-60 CREDIT HOURS						
# CIM 206: Application of Concrete in Construction	3			Grade of C	Complete CIM 206 with a minimum grade of	
# CON 223: Strength of Materials	3				"C"; CON 271; ECN 212	
# CON 271: Construction Safety	3				# Designates Major Course: A minimum cumulative gpa of 2.0 required.	
ECN 212: Microeconomic Principles (SB)	3				gpu of 2.0 required.	
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the		_			1	
US (C)	3					
TERM SUMMER 2 nd Year: 1 CREDIT HOUR						
# CON 296: Field Internship	1					
TERM FIVE: 61-75 CREDIT HOURS						
# CIM 305: Management of Concrete Products: Ordering and	2	57		0 1 60	# Designates Major Course: A minimum cumulative	
Delivering	3			Grade of C	gpa of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses	
# CON 383: Construction Estimating	4			Grade of C	combined.	
# CON 241: Surveying	3					
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3					
Natural Science: Quantitative (SQ) or General (SG)	4					
TERM SIX: 76-90 CREDIT HOURS						
# CIM 306: Management of Concrete Products: Production Facilities	3	\boxtimes		Grade of C	# Designates Major Course: A minimum cumulative gpa of 2.0 required. Note: maximum of two "D"	
# CON 389: Construction Cost Accounting and Control (CS)	3			Grade of C		
	3				grades are allowed in all 3XX and 4XX courses	
# CON 450: Geotechnical Applications for Construction				Grade of C	combined.	
LES 305: Legal, Ethical, Regulatory Issues in Business	3	\boxtimes				
TERM SUMMER 3 rd Year: 1 CREDIT HOUR	1			C1fC		
# CON 484: Internship	1	\boxtimes		Grade of C		
TERM SEVEN: 91-105 CREDIT HOURS				G 1 66	# Designates Major Courses A misimum and 1	
# CIM 405: Concrete Problems: Diagnosis, Prevention, Dispute	3			Grade of C	# Designates Major Course: A minimum cumulative gpa of 2.0 required. Note: maximum of two "D"	
Upper division CIM Elective	3			Grade of C	grades are allowed in all 3XX and 4XX courses combined.	
# CON 453: Construction Project Management I	4			Grade of C		
# CON 495: Construction Planning and Scheduling	3			Grade of C		
TERM EIGHT: 106-120 CREDIT HOURS		1				
# CIM 406: Concrete Industry Management	4	⊠		Grade of C	# Designates Major Course: A minimum cumulative gpa of 2.0 required. Note: maximum of two "D" grades are allowed in all 3XX and 4XX courses combined.	
# CON 424: Structural Design	3			Grade of C		
# CON 455: Construction Project Management II	3	\boxtimes		Grade of C		
# CON 496: Construction Contract Administration (L)	3	M		Grade of C		



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Graduation Requirements Summary:

Total Hours Regular Curriculum (120)	Total Hrs at ASU (30 min)	Hrs Resident Credit for Academic Recognition (56 min)	Major GPA (2.000 Min. CUM GPA)	Total UD Hrs (45 min)	Total Comm. College Hrs. (64 Max)

General University Requirements: Legend

- General Studies Core Requirements:
 - o Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - o Computer/Statistics/Quantitative applications (CS)
 - o Humanities, Fine Arts, and Design (HU)
 - o Social and Behavioral Sciences (SB)
 - o Natural Science-Quantitative (SQ)
 - o Natural Science-General (SG)
- General Studies Awareness Requirements
 - o Cultural Diversity in the US (C)
 - o Global Awareness (G)
 - o Historical Awareness (H)
- First-Year Composition

Additional Notes:

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