

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT PROGRAM OUTLINE | 2020-2021

Electives: Courses in other programs not listed here may be available for professional elective credit. Those interested should contact their senior academic administrator of the academic unit.

REQUIRED LECTURE COURSES - 101 CREDITS		
AR271	Building Systems I	3
AR321	Structural Systems I	3
AR372	Building Systems II	3
CM153	Introduction to Construction Management and Team Building	3
CM201	Construction Graphics & Documents	5
CM202	Construction-Estimating	5
CM222	Structures	4
CM301	Residential and Light Construction	4
CM302	Commercial Construction Practices	5
CM303	Advanced Scheduling & Project Controls	5
CM306	Fundamentals of Construction Scheduling	5
CM352	Construction Finance and Accounting	4
CM353	Construction Safety	3
CM354	Construction Law	3
CM401	Project Delivery Systems	4
CM403	Senior Capstone Integration Project	6
CM451	Project Management	5
CM452	Heavy/Civil Construction	3
CM454	Construction Inspection and Quality Control	5
CM455	Managing Models of the Built Environment	5
CM5211	Plan Reading/Analog and Digital	3
CM5311	Green Building Laboratory	5
CM5431	Jobsite Leadership and Management	3
CM5521	Life Cycle Cost Accounting	4
CSC5021	Advanced CAD	3

REQUIRED INTEGRATIVE STUDIES COURSES - 61 CREDITS		
ACC273	Financial and Managerial Accounting	3
BUS281	Business Law	3
BUS282	Principles of Management	3
BUS381	Principles of Real Estate	3
COM113	Speech Communication	3
CRSS000	Resume & Portfolio Development	0
ECN281	Microeconomics	3
ECN282	Macroeconomics	3
ENG111	English Composition	3
ENG112	Advanced English Composition	3
ENG213	Business Communication	3
MTH174	Geometry	3
PHL261	Ethics	3
POL181	Introduction to Political Science	3
PSY181	General Psychology	3
RSH481	Introduction to Research	3
SCI170	Physics I	3
SCI270	Geology	3
SCI272	Physics II	4
SOC380	Issues of Gender, Race, & Class	3
	Foreign Language Elective	3

CREDIT BREAKDOWN		
Credits	% of Total	Area
101	56%	Required Lecture Credits
61	34%	Required Integrative Studies Credits
18	10%	Required Professional Elective Credits
180 Total Credits		

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

	YEAR 1	YEAR 2	YEAR 3	YEAR 4
FALL	CM153 Intro to Const. Mgmt. & Team Building (3)	ACC273 Financial/Managerial Accounting (3)	BUS281 Business Law (3)	CM403 Senior Capstone Integration Project (6)
	CM5211 Plan Reading / Analog & Digital (3)	AR321 Structural Systems I (3)	CM301 Residential and Light Construction (4)	CM454 Construction Inspection & Quality Control (5)
	ENG111 English Composition (3)	AR372 Building Systems II (3)	CM306 Fundamentals of Construction Scheduling (5)	CM455 Managing Models of the Built Environment (5)
	MTH174 Geometry (3)	SCI270 Geology (3)	RSH481 Introduction to Research (3)	
	Foreign Language Elective (3)	SOC380 Issues of Gender, Race, & Class (3)		
TOTAL CREDITS	15	15	15	16

WINTER	ENG112 Advanced English Composition (3)	BUS282 Principles of Management (3)	CM5521 Life Cycle Cost Accounting (4)	CM303 Advanced Scheduling & Project Controls (5)
	AR271 Building Systems I (3)	CM222 Structures (4)	CM302 Commercial Construction Practices (5)	CM353 Construction Safety (3)
	CSC5021 Advanced CAD (3)	ECN281 Microeconomics (3)	CM352 Const. Finance & Accounting (4)	CM452 Heavy/Civil Construction (3)
	SCI170 Physics I (3)	ENG213 Business Communication (3)	PE Professional Elective (3)	CRS5000 Resume & Portfolio Development (0)
	PE Professional Elective (3)	PSY181 General Psychology (3)		PE Professional Elective (3)
TOTAL CREDITS	15	16	16	14

SPRING	CM201 Construction Graphics & Docs (5)	CM202 Construction-Estimating (5)	BUS381 Principles of Real Estate (3)	CM451 Project Management (5)
	COM113 Speech Communication (3)	ECN282 Macroeconomics (3)	CM354 Construction Law (3)	CM5311 Green Building Laboratory (5)
	SCI272 Physics II (4)	PE Professional Elective (6)	CM401 Project Delivery Systems (4)	CM5431 Jobsite Leadership and Management (3)
	PE Professional Elective (3)		PHL261 Ethics (3)	
			POL181 Intro to Political Science (3)	
TOTAL CREDITS	15	14	16	13

TOTAL ANNUAL CREDITS	45	45	47	43
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TOTAL PROGRAM CREDITS = 180