



# Bachelor of Science in Construction Management

Catalog Year: 2020

Total Degree Credit Hours: 129

## General Education Requirements (42 credit hours)

See [2020-2021 Undergraduate Catalog](#) or DegreeWorks for prerequisites

A-1	ENGL 1101 Composition I	3	
	ENGL 1102 Composition II	3	
A-2	MATH 1113 Pre-Calculus	3	

### Area A: Essential Skills

9 credit hours

Must complete all three requirements in this area within first 30 credit hours.

Students must have C or better on all classes in this area.

B-1	ECON 1000 Contemporary Economic Issues	2	
B-2	COM 1100 Human Communication*	3	

### Area B: Institutional Options

5 credit hours

\**Recommended COM 1100 Human Communication*

C-1	ENGL 2000-level Literature or PHIL 2010 Intro to Philosophy	3	
C-2	ART/DANC/MUSI/TPS 1107 Arts and Culture of the World	3	

### Area C: Humanities/Arts

6 credit hours

Choose one course from both groups.

D-1	MATH 1190 Calculus I or MATH 2202 Calculus II	4	
D-2	PHYS 1112/L, CHEM 1211/L, or CHEM 1212/L	8	

### Area D: Science, Math & Technology 10-12 credit hours

Must complete 2 lab sciences excluding Life Sciences

"L" denotes required accompanying lab section.

*For Example: CHEM 1211L must be taken with CHEM 1211*

E-1	POLS 1101 American Government	3	
E-2	HIST 2111/2112 US History	3	
E-3	HIST 1100/1111/1112 World History	3	
E-4	CRJU/GEOG/PSYC/SOCI/STS 1101, ANTH 1102 or ECON 2106	3	

### Area E: Social Sciences

12 credit hours

Choose one course from each group for requirements E-2 to E-4.

*ECON 2106 (formerly ECON 2100) is strongly recommended*

## Area F Lower Division Major Requirements (18 credit hours)

All Area F and their prerequisites must be completed with a grade of C or better.

### Prerequisites

F-1	CM 1000 Orientation to Construction		2	
F-2	BLAW 2200 Legal & Ethical Environment of Business	ENGL 1101	3	
F-3	ACCT 2101 Intro to Financial Accounting ( <i>formerly ACCT 2100</i> )	ENGL 1101, MATH 1111	3	
F-4	SURV 2200 Construction Measurements	MATH 1113*	4	
F-5	PHYS 1111 Introductory Physics I	MATH 1113*	3	
F-6	PHYS 1111L Introductory Physics I Lab	PHYS 1111 (or corequisite)	1	
	Two credit hours carried over from Core Curriculum (Areas D)		2	

## Upper Division Major Courses (57 credit hours)

All Upper Division courses and their prerequisites must be completed with a grade of C or better.

	Prerequisites		
<b>CM 2000</b> Construction Graphics	CM 1000	3	
<b>CM 2210</b> Intro to Structures	PHYS 1111/1111L	3	
<b>CM 3000</b> Computer Applications in Construction	CM 2000	3	
<b>CM 3040</b> Building Information Modeling I	CM 2000, CM 3000	3	
<b>CM 3110</b> Residential & Light Construction Methods	CM 2000	3	
<b>CM 3180</b> Mechanical & Electrical Building Systems	CM 3110	3	
<b>CM 3400</b> Risk & Quality Management	CM 3110	3	
<b>CM 3410</b> Construction Quantity Surveying	CM 3110	3	
<b>CM 3800</b> Construction Finance	ACCT 2101	3	
<b>CM 4510</b> Construction Scheduling	CM 3110, CM 3410	3	
<b>CM 4560</b> Construction Project Management	CM 4510, CM 3410	3	
<b>CM 4660</b> Advanced Scheduling and Project Management	CM 3410, CM 4510	3	
<b>CM 4710</b> Construction Safety	CM 3110, CM 3180	3	
<b>CM 4760</b> Construction & Real Estate Property Law	BLAW 2200	3	
<b>CM 4900</b> Capstone Project	CM 3800, CM 4560, CM 4660	3	
<b>MGT 3100</b> Management & Behavioral Sciences	60 earned hours	3	
<b>MKTG 3100</b> Principles of Marketing	60 earned hours	3	
<b>TCOM 2010</b> Technical Writing	ENGL 1102	3	
<b>IS 2200</b> Information Systems & Communication	ENGL 1101, MATH 1111	3	

## Required CM Concentration (12 hours)

*Must have C or better in all courses in the concentration.*

*Please see advisor or coordinator to discuss courses in concentration.*

<b>General</b>
<b>Facilities Management</b>
<b>Land Development</b>
<b>Specialty</b>
<b>Heavy</b>
<b>Residential</b>

After choosing your concentration, please fill in this table to mark progress. Concentration courses and their prerequisites may be found by going to the ***Undergraduate Catalog*** or <https://cacm.kennesaw.edu/constructionmanagement/programs/bachelors/concentrations.php>

Concentration Courses	Prerequisites	Credits	
		3	
		3	
		3	
<b>CM Elective</b>		3	

## Select Required CM Concentration

Courses by Concentration	Prerequisite(s)	Credits	CR*
<b>General</b>			
CM 3500 Building Codes	CM 3110	3	S
CM 3260 Temporary Structures	CM 2210	3	F
CM 3420 C. Estimating & Bid Preparation	CM 3410	3	S
<b>Land Development</b>			
CM 3310 Real Estate Development Practices	ACCT 2101, CM 3110	3	F
CM 3710 Market & Site Analysis	CM 3310	3	F
CM 4620 Development Process & Finance	CM 3800	3	F
<b>Specialty Construction</b>			
CM 3280 Building Mech. Elec. Codes & Loads	CM 3180	3	S
CM 3480 Mech. & Electrical Systems Estimating	CM 3280*	3	F
CM 4480 Design/Build MEP Systems	CM 3280*	3	S
<b>Heavy Construction Management</b>			
CM 3170 Heavy Construction Practices	CM 3110	3	S
CM 3440 Heavy Estimating	CM 3410	3	S
CM 4230 Heavy Materials & Temporary Structures	CM 3170*	3	F
<b>Facilities Management</b>			
CM 3270 Facility Management Strategies		3	F
CM 3290 Facility Management Practices	CM 3270*	3	S
CM 4190 Sustainable Operation & Maintenance	CM 3180	3	S
<b>Residential</b>			
CM 3310 Real Estate Development Practices	ACCT 2101, CM 3110	3	F
CM 3910 Sustainable Residential Practices	CM 3110	3	S
CM 4512 Emerging Trends in Residential Construction	CM 3110	3	F

\*Course Rotation by Semester: **F** - Offered in *Fall* Semester | **S** - Offered in *Spring* Semester