# **Thomas Jefferson University**

BACHELOR OF SCIENCE: Construction Management

2022-2023

Name:	ID #	
FIRST YEAR		

### FALL - 16 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	I K Equiv.
3	CMGT-101	Construction Graphics					
3	CMGT-102	Intro to Construction Industry					
1	FYS-100	Pathways Seminar					
3	WRIT-101/101G	Written Communication					
3	SCI-108/109	Science I: Sustainability & Eco-inovations/ Systems Thinking and Sustainability					
3	MATH-( ) 102 or 103	Quantitative Reasoning I					

#### SPRING - 15 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-104	Intro to Estimating and Scheduling	CMGT-102				
3	ACCT-101	Financial Accounting					
3	AMST-114	Topics in American Studies					
3	MATH-( ) 102 or 103	Quantitative Reasoning II	For Math 103: take Math 100, 101or Math 102/Math 110				
3	PHYS-101	Science II: General Physics	Math 102,103, or 111.				

## SECOND YEAR

### FALL - 18 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-202	Construction Estimating and Budgeting	CMGT-104 or Permission of Program Director				
3	CMGT 204	Behavior of Materials	MATH-103 or 111 & PHYS-101				
3	CMGT-208	Materials and Methods of Construction	CMGT-104 or Permission of Program Director				
3	ABA-201	I Annlied Rusiness Analytics I	Math 100 or 101 or 102 or 103 or Math 111				
3	GDIV-2xx or Lang-101	Global Diversity or World language (no prereq.)	WRIT-1xx and AMST-114				
3	ETHC-2 ( )	Ethics	WRIT-1xx and AMST-114				

### SPRING - 12 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-200	Planning & Scheduling	CMGT 104 or Permission of Program Director				
3	CMGT 206	IRuilding Systems	CMGT 104 or Permission of Program Director				
3	ARCH-204	Great Buildings (Spring)	Writing-1xx				
3 (4)	WRIT-201-202	Multi Media Communication	WRIT-101				

### THIRD YEAR

### FALL - 18 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-300	Const Acct and Cost Control	CMGT 202, ACCT 101				
3	CMGT-302	Const ContractsAdministration	CMGT 200				
3	CMGT-310	Construction Surveying	CMGT-202 or Permission of Program Director				
3	ECON-205 or 206	Principles of Economics					
3	ADIV-2xx	American Diversity	WRIT-101 and AMST-114				
3	CGIS-300	Contemporary Global Issues	WRIT-2xx or WRIT-201; Take 3 Credits; from Subject GDIV or GCIT or Language				

### SPRING - 15 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-304	Construction Safety and Risk Mgnt	CMGT 200 & CMGT 202				
3	CMGT-306	Construction Site Operations	CMGT 200 & CMGT 202				 
3	BLAW-301	IRucinoce I aw	WRTG-101, WRTG-101G, WRITG-101, WRIT-101G				
3	GCIT-2xx or LANG-201	Global Citzenship or World Language (no prereq.)	WRIT-1xx and AMST 114				
3	ISEM-3xx	Integrative Seminar	WRIT 2xx and a GDIV or GCIT Course				

### FOURTH YEAR

### FALL - 15 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-450	Construction Project Mgnt Seminar	CMGT-300 & CMGT-302 or Permission of Program Director				
3	CMGT-4xx	Construction Elective	Reference Elective Chosen				
3	CMGT-4xx	Construction Elective	Reference Elective Chosen				
3	FINC-301	Financial Management	ACCT-101 and ABA 201				
3	РНІС-499	Philosophies of the Good Life	CGIS-3xx, ISEM-3xx,GDIV-2xx, GCIT- 2xx, ETHIC-2xx, ADIV-2xx, MATH-1xx, Scientific understanding				

### SPRING - 12 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-499		Senior Level / Completion of at Least 36 Credit Hours of CMGT Courses				
3		Business Elective					
3		Business Elective					
3		Free Elective					

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Note: A total of 123 Credit Hours is applicable for students who take Writing 202 (4 credits) instead of Writing 201 and Math 111 or 112 (each 4 credits) instead of Math 103.

### **CMGT Electives**

Credit	Course Number	Course	Prerequisites	Substitution	Semester
3	CMGT-401	Codes and Specifications			
3	CMGT-403	Introduction to BIM			
3	CMGT-410	Principles and Practices of Heavy Construction	CMGT 200, 202, and 310 or approval of Program Director		
3	LARCH-207	LA Tech-Grading (Fall)	Permission of course and CM Program Directors		
3	LARCH-210	Soils (Spring)	Permission of course and CM Program Directors		
3	LARCH-303	LA Tech-Advanced Grading (Spring)	Permission of course and CM Program Directors		
3	LARCH-310	GIS for Landscape Analysis (Fall)	Permission of course and CM Program Directors		
3	LARCH-409	LA Tech-Materials and Methods (Spring)	Permission of course and CM Program Directors		
3	LARCH-412	LA Tech-Urban Hydrology (Spring)	Permission of course and CM Program Directors		
4	LARCH-515	Advanced GIS for Landscape Analysis (Fall)	Permission of course and CM Program Directors		
3	xxx	Architectural Undergraduate Courses	Permission of course and CM Program Directors		
3	xxx	Business Undergraduate Courses	Permission of course and CM Program Directors		
3	xxx	CABE Graduate Courses (E.g. SDN-6xx, MRE-6xx, etc. up to 6 credits)	Permission of course and CM Program Directors		

## **Business Electives**

_	Credit	Course Number	Course	Prerequisites	Substitution		Semester
	3	MGMT-xxx	Business Undergraduate Courses (2xx to 4xx)	Permission of course and CM Program Directors			
Ī	3	MKTG-xxx	Business Undergraduate Courses (2xx to 4xx)	Permission of course and CM Program Directors			