

Thomas Jefferson University
BACHELOR OF SCIENCE: Construction Management

2023-2024

Name: _____

ID # _____

FIRST YEAR

FALL - 16-17 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	TR Equiv.
3	CMGT-101	Construction Graphics					
3	CMGT-102	Intro to Construction Industry					
1	FYS-100	Pathways Seminar					
3-4	WRIT-101/G/S	Written Communication					
3	SCI-109	Science I: 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	AVIS-101	American Visions					
3	MATH-() 102 or 103	Quantitative Reasoning II	For Math 103: take Math 100, 101 or Math 102/Math 110				
3	PHYC-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	Applied Business Analytics I	Math 100 or 101 or 102 or 103 or Math 111				
3	GDIV-2()	Global Diversity or world language (no prereq. for languages)	WRIT-101 and AVIS-101				
3	ETHC-2 ()	Ethics	WRIT-101 and AVIS-101				

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	Building Systems	CMGT 104 or Permission of Program Director				
3	ARCH-204	Great Buildings (Spring)	WRIT-101				
3	WRIT-201	Multi Media Communication	WRIT-101 (Transfers need extra hallmarks 1 credit or SERV-100)				

THIRD YEAR

FALL - 18 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
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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	Macroeconomics or Microeconomics					
3	ADIV-2()	American Diversity	WRIT-101 and AVIS-101				
3	CGIS-300	Contemporary Global Issues	WRIT-201 and 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 Mgmt	CMGT 200 & CMGT 202				
3	CMGT-306	Construction Site Operations	CMGT 200 & CMGT 202				
3	BLAW-301	Business Law	WRIT-101				
3	GCIT-2()	Global Citizenship or world language (no prereq. for languages)	WRIT-101 and AVIS-101				
3	ISEM-3()	Integrative Seminar	WRIT-201 and GDIV or GCIT or Language				

FOURTH YEAR

FALL - 15 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-450	Construction Project Mgmt 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	PHIL-499	Philosophies of the Good Life	CGIS-3xx, ISEM-3xx, GDIV-2xx, GCIT-2xx, ETHC-2xx, ADIV-2xx, MATH-1xx, Scientific understanding				

SPRING - 12 Semester Credits

Credit	Course Number	Course	Prerequisites	Substitution	Semester	Grade	Semester
3	CMGT-499	Construction Capstone	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 Math 111 or 112 (each 4 credits) instead of Math 103.

CMGT Electives

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