

Bachelor of CONSTRUCTION MANAGEMENT (CMG)

5-Year Recommended Course Sequence with *Calculus Entry*

Click on the [Course Name](#) to access the course description in the Undergraduate Catalog 24-25

Fall Semester 1	Spring Semester 2	Summer Semester #1	Fall Semester 3	Spring Semester 4	Summer Semester #2	Fall Semester 5	Spring Semester 6	Summer Semester #3	Fall Semester 7	Spring Semester 8	Summer Semester #4	Fall Semester 9	Spring Semester 10	
CMG 120 [2] Intro to Construction Methods in the Built Environment	GEO 100 [3] Intro to Geology	Work or School	MET 201 [3] Statics for Engineering Tech (MTH 181 & PHY 221)	MET 320 [3] Mechanics of Materials (MTH 181 & MET 201)		*CMG 360 [3] Occupational Health Regulations in Construction		CMG 230 [3] Construction Equipment		MGT 321 [3] Organizational Behavior (ENG 101 & ESC/ENG 102)		-CMG 420 [3] Applied Sustainability	*CMG 490 [2] Construction Capstone (WAC)	
★ESC 100 [1] New Student Orientation	GEO 101 [1] Intro to Geology Lab		CVE 211 [2] Surveying (MTH 181)	ECN 201 [3] Principles of Macroeconomics (SS)		MGT 301 [3] Principles of Management (ENG 101 & ESC/ENG 102)		OSM 311 [3] Introduction to Operations Management		CMG 320 [3] Estimating Project Costs		CMG 430 [3] Advanced Digital Applications	MGT 340 [3] Human Resource Management (ENG 101 & ESC/ENG 102)	
CMG 210 [2] Construction Safety and Health Management	PHY 221 [5] College Physics I (MTH 181)		CVE 212 [1] Surveying Lab (*CVE 211)	BUS 201 [3] Applied Business Statistics (≥ MTH 148)	ESC 400 Required Summer Co-Op	ECN 202 [3] Principles of Microeconomics (SS)	ESC 300 Required Spring Co-Op			ESC 300 Required Fall Co-Op	FIN 351 [3] Introduction to Financial Management (ACT 221 & Sophomore Standing)	ESC 400 Required Summer Co-Op	CMG 330 [3] Project Planning, Scheduling and Quality Control	General Ed. Elective [3]
MTH 181 [4] Calculus I	CVE 170 [2] Civil Engineering Graphics		ACT 221 [3] Introductory Accounting I (ENG 100 or ENG 101)	ACT 222 [3] Introductory Accounting II (ACT 221)		CMG 241 [3] Construction Materials and Testing					MKT 301 [3] Fundamentals of Marketing (ENG 101 & ENG 102)		*CMG Tech Elective [3] 300-400 Level	*CMG Tech Elective [3] 300-400 Level
ENG 100 [3] Intensive Writing or ENG 101 [3] College Writing I			GAD 250 [3] Business Comm. (ENG 101 or ESC/ENG 102) (WAC)	CMG 220 [2] Means and Methods for Mechanical and Electrical Building Systems		CMG 242 [1] Construction Materials and Testing Lab					CMG 410 [3] Construction Ethics, Contracts & Project Delivery Systems		General Ed. Elective [3]	General Ed. Elective [3]
IST 203 [3] Software Tools			General Ed. Elective [3]	**ESC 130 [1] Engineering Co-op Orientation		General Ed. Elective [3]								
15 Total Credit Hours	14 Total Credit Hours			15 Total Credit Hours	15 Total Credit Hours		16 Total Credit Hours		12 Total Credit Hours		15 Total Credit Hours		15 Total Credit Hours	14 Total Credit Hours
Total Credits for CMG Degree: 138 including ESC 130 Engineering Co-op Orientation														

(Prerequisites) • [# of Course Credits] • CMG XXX = Only Offered That Fall/Spring Semester

- Required Math
- Required Science Courses
- Required English Courses (ESC 102 is preferred. However, can be substituted with ENG 102.)
- Required Writing Across the Curriculum (WAC) Courses

- Required CMG Courses **Highly recommended, yet optional.
- Required CMG 300-400 Technical Elective Courses
- Required Business Courses
- [General Ed. Electives \(2 A&Hs, 2 SSs, 1 ALAAME, & 2 DIVs\)](#)

★ Must take ESC 100 OR special required ASC 101 section.

* CMG Technical Elective must be chosen from the Means and Method Group

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To eliminate one (1) of your General Education Requirements,
consider taking a course that qualifies as two (2) General Ed. Electives

Recommended Courses that Qualify as Two (2) General Ed. Electives

Course	Social Sciences (SS)	Arts & Humanities (AH)	Non-Western Social Sciences (ALAAME & NW-SS)
ANT 153 – Intro to African Cultures	X		X
ANT 275 – Ancient Mysteries	X		X
COM 201 – Com & Relationships / East Asian	X		X
COM 233 – Bollywood & Beyond	X		X
HIS 103 – Ancient World His to 1300 C.E.	X		X
HIS 104 – Modern World History	X		X
SOC 210 – Dev. Societies in Changing World	X		X
UST 206 – Megacities of Asia	X		X
UST 222 – World Population and Society	X		X
ANT 103 – Rise/Fall of Civilizations		X	X
ANT 171 – Native Civilization of Americas		X	X
ARB 274 – Introduction to Middle East		X	X
ART 281 – Asian Art		X	X
ART 286 – African Art		X	X
ENG 204 – World Literature		X	X
HIS 165 – Intro to Latin American History		X	X
HIS 175 – Intro to African History		X	X
HIS 185 – Survey of Middle Eastern History		X	X
HIS 195 – Intro to East Asian History		X	X
MUS 263 – Black Music of Two Worlds		X	X
PHL 255 – Non-Western Philosophy		X	X
PHL 262 – Medieval Philosophy		X	X
REL 101 – Understanding Religion		X	X
REL 268 – Religion & Culture in Africa		X	X
WLC 265 – Francophone Lit in Translation		X	X

Popular Introductory General Ed.
Courses for Engineering Students

SOCIAL SCIENCES (SS)

[PSY 220 – Child Development](#) (SS)

[UST 200 – Intro to Urban Studies](#) (SS)

[COM 233 – Bollywood & Beyond](#) (SS & ALAAME)

ARTS & HUMANITIES (AH)

[MUS 161 – Roots of Rock & Soul](#) (AH)

[UST 201 – Building Cleveland](#) (AH)

[REL 101 – Understanding Religion](#) (AH & ALAAME)

[MUS 263 – Black Music of Two Worlds](#) (AH & ALAAME)

[ANT 171 – Native Civilization of America](#) (AH & ALAAME)

US DIVERSITY (US DIV)

[ANT 100 – Human Diversity](#) (US DIV)

[SOC 201 – Race/Class/Gender](#) (US DIV)

AFRICAN-AMERICAN (AFRICAN-AMER.)

[SWK 150 – The Black Experience](#) (African- Amer.)

[UST 202 – Cleveland: The Afr-Amer Exp.](#) (African-Amer.)