Construction Engineering and Management
Curricular Flowchart

Fall 1
- MATH 241 Calc A
- CHEM 103/133 General Chemistry
- PHYS 207/227 General Physics I
- EGGG 101 Intro to Engineering
- CISC 106 Computer Science
- CIEG 191 Introduction to CEM

Spring 1
- MATH 242 Calc B
- PHYS 207/227 General Physics I
- CIEG 191 Introduction to CEM
- ENGL 110 Seminar in Composition
- CIEG 222 Introduction to Surveying
- Science/Math Elective

Fall 2
- CIEG 315 Probability and Stats
- CIEG 292 Enviro. Health, and Safety
- CIEG 213 Materials Lab
- CIEG 222 Introduction to Surveying
- Science/Math Elective

Spring 2
- MATH 349 or MATH 351
- CIEG 212 Solid Mechanics
- CIEG 214 Construction Materials
- CIEG 291 CAD and BIM in Construction
- CIEG 391 Construc. Est/Cost Control

Fall 3
- CIEG 301 Structural Analysis/Design
- CIEG 305 Fluid Mechanics
- CIEG 391 Construc. Est/Cost Control
- CIEG 291 CAD and BIM in Construction
- CEM Breadth

Spring 3
- CIEG 486 Engineering Project Mgmt.
- CIEG 392 Construction Planning/Scheduling
- CIEG 394 Construction Law and Reg.
- CIEG 399 Construction Means and Methods
- CEM Breadth

Fall 4
- CIEG 393 Construction Means and Methods
- CIEG 481 Co-Op
- CIEG 459 Optimization in Design and Construction
- CIEG 401 Senior Design
- Technical Elective

Spring 4
- Technical Elective
- General Elective
- CEM Breadth
- CEM Breadth
- CEM Breadth

16 credits 17 credits 16 credits 16 credits 17 credits 16 credits 15 credits 13 credits

COMM 212 Professional Comm/Presentation