Civil Engineering Curriculum Flowchart

Fall 1  |  Spring 1  |  Fall 2  |  Spring 2  |  Fall 3  |  Spring 3  |  Fall 4  |  Spring 4

MATH 241 | MATH 242 | MATH 243 | MATH 351 | CIEG 321 | CIEG 408 | CIEG 461 | CIEG 461
Calculus A | Calculus B | Calculus C | Engineering Math I | Environmental Engineering | Engineering Project Mgmt. | Senior Design | Senior Design

CHEM 103/133 | PHYS 207 | CIEG 211 | CIEG 212 | CIEG 301 | Technical Elective | Technical Elective | Technical Elective
General Chemistry | General Physics I | Statics | Solid Mechanics | Structural Analysis | | | 

CIEG 101 | Science elective | CIEG 213 | CIEG 320 | CIEG 321 | Technical Elective | Technical Elective | Technical Elective
Intro to Engineering | | Materials Lab | Soil Mechanics | Geotechnical Engineering | | | 

CISC 106 | ENGL 110 | CIEG 402 | CIEG 323 | | Breadth | | Breadth
Computer Science | Seminar in Composition | Intro to Sustainability Prin. in Civil Eng. | Construction Materials | | | | 

Breadth | COMM 212 | ENGL 410 | CIEG 315 | CIEG 305 | CIEG 351 | Breadth | Breadth
Oral Communication in Business | Technical Writing | Probability and Stats | Fluid Mechanics | Transportation Engineering | | | 

CIEG 411 | CIEG 308 | CIEG 451 | weave requisites, co-requisites
Comm. with Stakeholders in Eng. | Fluid Mechanics Lab | Transportation Engineering Lab

16 credits | 17 credits | 17 credits | 16 credits | 15 credits | 16 credits | 14 credits | 14 credits

General Education | Engineering | Math and Science | Technical Elective | Breadth | Breadth | Breadth

CIEG 461 is a year-long course requiring completion of junior year core classes.