

Name \_\_\_\_\_

Advisor \_\_\_\_\_

**CONSTRUCTION ENGINEERING AND MANAGEMENT PROGRAM (126 hours)**

The required courses are normally taught in fall or spring semesters as indicated below.

Each student is responsible for tracking future changes in this schedule.

**FIRST YEAR****FALL 16 credits Sem. Grade**

General Chemistry*	CHEM 103/133 (4)		
Computer Science	CISC 106 (3)		
Intro. to Engineering	EGGG 101 (2)		
Anal. Geom. & Calc. A*	MATH 241 (4)		
Breadth Req. (CEM list)	(3)		

**FIRST YEAR****SPRING 17 credits Sem. Grade**

Introduction to CEM	CIEG 191 (3)		
Seminar in Composition	ENGL 110 (3)		
Anal. Geom. & Calc. B*	MATH 242 (4)		
Fundamentals of Physics I*	PHYS 207/227 (4)		
Breadth Req. (CEM list)	(3)		

**SOPHOMORE YEAR****FALL 16 credits Sem. Grade**

Statics (H)	CIEG 211 (3)		
Enviro., Health, and Safety (H)	CIEG 292 (3)		
CAD and BIM in Construct.	CIEG 291 (3)		
Prob. & Stats. for Engineers	CIEG 315 (3)		
Science/Math Elective (a)	(4)		

**SOPHOMORE YEAR****SPRING 16 credits Sem. Grade**

Solid Mechanics	CIEG 212 (3)		
Civil Eng. Materials Lab	CIEG 213 (1)		
Construction Materials*	CIEG 214 (3)		
Eng Survey and Geomatics	CIEG 390 (3)		
Public Spking/Prof Present.	COMM 212(3)		
Math Course (b)	(3)		

**JUNIOR YEAR****FALL 17 credits Sem. Grade**

Construct. Est./Cost Cntrl	CIEG 391 (3)		
Struct. Analysis/Design (H)	CIEG 301 (4)		
Soils Mech and Fndation Eng	CIEG 320 (3)		
Soils Mech/Fndation Eng Lab	CIEG 323 (1)		
Fluid Mechanics (H)	CIEG 305 (3)		
Breadth Req. (CEM list)	(3)		

**JUNIOR YEAR****SPRING 16 credits Sem. Grade**

Survey of Accounting*	ACCT 200 (4)		
Construction Plan/Sched. (H)	CIEG 392 (3)		
Construction Law/Reg. (H)	CIEG 394 (3)		
Engineering Proj. Mgmt. (H)	CIEG 486 (3)		
Breadth Req. (CEM list)	(3)		

**SENIOR YEAR****FALL 15 credits Sem. Grade**

Optim. in Design/Const.	CIEG 459 (3)		
Constr. Means/Methods	CIEG 393 (3)		
Co-op in Civil/Enviro Eng.	CIEG 481 (3)		
Technical Elective (c)	(3)		
Breadth Req. (CEM list)	(3)		

**SENIOR YEAR****SPRING 13 credits Sem. Grade**

Senior Design	CIEG 491 (4)		
Technical Elective (c)	(3)		
General Elective	(3)		
Breadth Req. (CEM list)	(3)		

\*Grade of C- or higher for degree requirement or as pre-requisite for other courses.

(H) Department of Civil and Environmental engineering offers an honors section of this course.

All breadth requirements (18 credit hours) and ENGL110 require a C- or better. See Undergraduate Catalog for more information.

Creative Arts & Humanities	Sem.	Grade	History & Cultural Change	Sem.	Grade	Social & Behavioral Sciences	Sem.	Grade
						ECON 100		
Add'l Breadth Req.			Add'l Breadth Req.			Add'l Breadth Req.		
ENGL 410			BUAD 100			FINC 200		

\_\_\_\_\_ two upper-level (300 and higher) courses

\_\_\_\_\_ Multicultural Requirement

- a) one course from: BISC 207, BISC 208, GEOL 105/115, GEOL 107, GEOG 152, MATH 243, PHYS 208/228, PLSC 204/205  
b) MATH 349 (Elementary Linear Algebra) or MATH 351 (Engineering Math I). 351 requires MATH 243.  
c) two courses from: CIEG 343, CIEG 402, CIEG 492, CIEG 493, CIEG 494, CIEG 495, CIEG 496, or other approved elective