

CIVIL ENGINEERING 2006-2008 CATALOG DEGREE PLAN

FALL

	3	CH 301 Principles of Chemistry I*
	3	CE 301 Civil Engineering Systems*
	2	ME 210 Engineering Design Graphics*
	4	M 408C Differential & Integral Calculus*◆
	3	Fine Arts/Humanities elective# _____
	15	

First Year

	3	CH 302 Principles of Chemistry II*
	3	EM 306 Statics*
	4	M 408D Sequences, Series, & Multivariable Calculus*◆
	3	RHE 306 Rhetoric & Writing*
	3	PHY 303K, Engineering Physics I*
	1	PHY 103M, Laboratory for Physics 303K*
	17	

SPRING

Second Year

	3	EM 311M Dynamics*
	3	CE 311K Introduction to Computer Methods*
	3	EM 319 Mechanics of Solids*
	3	American government _____
	3	PHY 303L, Engineering Physics II*
	1	PHY 103N, Laboratory for Physics 303L*
	16	

	3	CE 311S Elementary Statistics for Civil Engineers*
	3	CE 319F Elementary Mechanics of Fluids*
	3	CE 314K Properties & Behavior of Eng. Materials*
	4	M 427K Advanced Calculus for Applications I
	3	E 316K Masterworks of Literature
	16	

Third Year

	3	ME 320 Applied Thermodynamics
	3	Base Level Course** _____
	3	Base Level Course** _____
	3	Base Level Course** _____
	3	American history _____
	15	

	3	CE 333T Engineering Communication**
	3	Base Level Course** _____
	3	Base Level Course** _____
	3	Base Level Course** _____
	3	Base Level Course** _____
	3	Approved math or science elective _____
	15	

The Base Level Courses are:

ARE 323K Project Mgmt & Econ, **CE 321** Transportation Systems, **CE 329** Structural Analysis,
CE 341 Intro to Environmental Engr, **CE 356** Elements of Hydraulic Engr, **CE 357** Geotechnical Engineering

Fourth Year

	3	American history _____
	3	Level I Elective**+ _____
	3	Level I Elective**+ _____
	3	Level I Elective**+ _____
	3	Level I Elective**+ _____
	3	Approved math or science or engineering science elective _____
	15	

	3	Level I Elective**+ _____
	3	Level I Elective**+ _____
	3	Level II Elective**+ _____
	3	Social science elective# _____
	3	American Government _____
	15	

+ Required: five Level I electives and one Level II elective taken among three different areas of specialization.

NOTES AND COMMENTS

*Basic Sequence Courses

**Major Sequence Courses

◆M 408K + M 408L + M 408M = M 408C + M 408D

These non-technical electives can be taken in any semester, but three hours must be an approved social science elective, and three hours must be an approved fine arts or humanities elective.

Lists of approved non-technical and technical electives are available in the Departmental Office.

Indicate courses in progress as Courses completed as Show **T** for approved transfer credit.

Indicate semester/year courses to be taken **F 00** **Sp 00** **Su 00**

Foreign Language Deficiency: Y / N
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