

NAME: _____ STUDENT I.D. _____ DATE: _____

1) MATHEMATICS & BASIC SCIENCES (34 hrs min.) _____

<u>Mathematics</u> (18 min.)		<u>Basic Sciences</u> (16 min.)	
MATH 121 ^{GE1.2}	5__	PHSX 210 ^{GE1.1}	3__
MATH 122	5__	PHSX 216	1__
MATH 220	3__	PHSX 212	3__
MATH 290	2__	PHSX 236	1__
MATH 526	3__	CHEM 150 ^{GE3N}	5__
		Elect. _____	3__

CREDIT HOURS						
AREA	SEMESTER COMPLETED					
1						
2						
3A						
3B						
4						
5						
TOTAL						

2) GENERAL EDUCATION (24 hrs min.)

ENGL 101 ^{GE2.1}	3__	Arts & Hum El. ^{GE3A&H}	_____	_____	_____
ENGL 102 ^{GE2.1}	3__	Diversity of the US El. ^{AE4.1}	_____	_____	_____
COMS 130 ^{GE2.2}	3__	Global Awareness El. ^{AE4.2}	_____	_____	_____
ECON El. † ^{GE3S}	3__	Ethics Elective ^{AE5.1}	_____	_____	_____
General Elective	3__	General Elective	_____	_____	_____

† ECON 104, 142, or 144

3) ENGINEERING SCIENCE AND INTRODUCTION TO DESIGN (51 hrs-Gen Civil, 48 Environ) _____

A) Basic Engineering Science (28 hrs min.) _____

Statics	CE 201	2__	Str. Mtls.	CE 310	4__	Engrg. Graphics	CE 192	3__
Dynamics	CE 300	3__	Fluid Mech.	CE 330	4__	Computing: EECS 137		3__
	or CE 301	5__	Eng. Econ.	CMGT 357	3__			

Two of the following:

Thermodynamics:	CPE 221 or ME 312	3__
Circuits:	EECS 315	3__
Materials Science:	ME 306 or ARCE 350	3__

B) Civil & Environmental Engineering Science & Introduction to Design (23 hrs-Gen Civil, 20 Environ) _____

Surveying	CE 240	3__	Intro. Env. Engrg.	CE 477	3__
Hydrology	CE 455	3__	CE Materials	CE 412	3__ or CE 484 3__
**Trans. Engrg.	CE 480	3__	Soil Mech.	CE 487	4__
Struct. Analysis	CE 461	4__			

** required only for General Civil Concentration

4) ENGINEERING ANALYSIS & DESIGN (16 hrs.-Gen Civil, 20 Environ) _____

<u>General Civil Concentration</u>			<u>Environmental Concentration</u>		
Des. of Steel Str. ^{AE6.1}	CE 562	3__	Wtr. Res. Design	CE 552	4__
Des. of Concrete Str.	CE 563	3__	Wtr. Sup. & Treat. ^{AE6.1}	CE 576	4__
Water Res. Design	CE 552	4__	Struct. Design Elective	CE 562	3__
	or CE 576	4__		or CE 563	3__
#Construction	CMGT 500	3__	Civil Engrg. Design Elect.	_____	3__
#Highway Engrg.	CE 582	3__	(CMGT 500, or CE 582, or 588)		
# Found. Engrg.	CE 588	3__	Envir. Principles Elective	_____	3__
# 2 of 3 courses required			(CE 570 and 571, or CE 573)		
			Envir. Design Elective	_____	3__
			(CE 574, 755, 757, or 791)		

5) ELECTIVES IN SELECTED AREAS OF EMPHASIS (6 - 7 hrs-Gen Civil, 5-6 Environ) _____

To bring the total number of hours to 132, students may take: the courses shown below; courses in engineering, natural sciences and math (N), humanities (H), social sciences (S), honors (HNRS), urban planning and business subject to the restrictions listed in the CE curriculum manual; up to 3 additional hours of ROTC courses related to the physical sciences or engineering or to social sciences or humanities in excess of the 24 hrs required (must complete the ROTC program).

Intro. Civil Engrg.	CE 191	2__	Special problems 1-5	_____
Tech. Writing	ENGL 362	3__		

TRANSFER INFORMATION -- SEE REVERSE (over)