

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

1) MATHEMATICS & BASIC SCIENCES (36 hrs min.) _____

<u>Mathematics</u> (20 min.)		<u>Basic Sciences</u> (16 min.)	
MATH 125 ^{GE1.2}	4__	PHSX 210 ^{GE1.1}	3__
MATH 126	4__	PHSX 216	1__
MATH 127	4__	PHSX 212	3__
MATH 220	3__	PHSX 236	1__
MATH 290	2__	CHEM 150 ^{GE3N}	5__
MATH 526	3__	Elect. _____	3__

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

2) GENERAL EDUCATION (24 hrs min)

		<u>KU Core Electives</u>	
ENGL 101 ^{GE2.1}	3__	Arts & Humanities (GE3A&H)	3__
ENGL 102 ^{GE2.1}	3__	Human Diversity (AE4.1)	3__
COMS 130 ^{GE2.2}	3__	Global Awareness (AE4.2)	3__
ECON EI.† ^{GE3S}	3 or 4	Ethics & Soc. Resp. (AE5.1)	3__

† Approved ECON courses: ECON 104 (4 cr), ECON 142 (3 cr), and ECON 144 (3 cr)

3) ENGINEERING SCIENCE AND INTRODUCTION TO DESIGN (48 hrs - Gen Civil, 45 hrs Environ) _____

A) Basic Engineering Science (25 hrs min.) _____

Statics	CE 201	2__	Str. Mtls.	CE 310	4__	Comp. Asst. Bldg. Dsgn.	ARCE 217	3__
Dynamics	CE 300	3__	Fluid Mech.	CE 330/331	4__	Computing:	EECS 137	3__
	or CE 301	5__	Const.Proj.Mgt	CMGT 457	3__		or EECS 138	3__

One of the following: Thermodynamics: ME 312 or CPE 221 3__
 Circuits: ARCE 315 3__
 Materials Science: ARCE 350 or ME 306 3__

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

Geomatics	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 hrs Environ) _____

General Civil Concentration		Environmental Concentration	
Dsgn. of Steel Str. ^{AE6.1}	CE 562 3__	Wtr. Res. Design	CE 552 4__
Dsgn. of Conc. 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 CE 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, CE 755, CE 757, or CE 791)	

5) ELECTIVES IN SELECTED AREAS OF EMPHASIS _____

To bring the total number of hours to 128, 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 ROTC Program).

Intro. Civil Engrg.	CE 191	2__	Special problems 1-5	_____	Other	_____
Tech. Writing	ENGL 362	3__	Hum & Soc. Science	_____		_____