

NAME:**SS #:****CIVIL ENGINEERING****ADVISING FORM****McNEESE STATE UNIVERSITY**

Freshman Year

Fall Semester

	COURSE TITLE	Cr	Gr	PRE/CO-REQUISITES	Taken	Sem
CHEM 101	General Chemistry I	4		'C' in Math 113 or 22 ACT		F,S
ENGL 101	English Composition I	3		Engl 090 or 18 ACT		F,S
ENGR 101	Engineering Graphics	2				F,S
HUMANITY	(see approved list)	3		(see catalog)		F,S
MATH 190	Calculus I	3		Math 170, Math 175		F,S
FFND 101	Freshman Foundations	1				F,S
TOTAL		16				

Freshman Year

Spring Semester

	COURSE TITLE	Cr	Gr	PRE/CO-REQUISITES	Taken	Sem
CHEM 102	General Chemistry II	4		Chem 101		F,S
ENGL 102	English Composition II	3		Engl 101		F,S
ENGR 109	Engineering Science and Computing	3		Math 175 / Math 175		F,S
MATH 291	Calculus II	3		Math 190		F,S
PHYS 211	University Physics I	3		Math 190		F,S
TOTAL		16				

Sophomore Year

Fall Semester

	COURSE TITLE	Cr	Gr	PRE/CO-REQUISITES	Taken	Sem
ENGR 207	Elementary Thermodynamics	3		Phys 211		F,S
ENGR 301	Statics	3		Math 190		F
GEOL 216	Engineering Geology	3				F
MATH 292	Multivariable Calculus	3		Math 291		F,S
CIEN 310	Elementary Surveying	3		Engr 101, Math 175 or 130		F
TOTAL		15				

Sophomore Year

Spring Semester

	COURSE TITLE	Cr	Gr	PRE/CO-REQUISITES	Taken	Sem
ENGR 211	Circuits I	3		Math 190		F,S
ENGR 302	Dynamics	3		Engr 301, Phys 211		S
ENGR 305	Strength of Materials	3		Engr 301, Phys 211		S
CIEN 313	Transportation Engineering	3		Cien 310		S
MAAP 200	Midpoint Assessment of Academic Progress	0				
MATH 301	Differential Equations	3		Math 291		F,S
TOTAL		15				

These courses require a grade of "C" or better.*Student:****Advisor:****Date:****Department Head:****Date:****PREREQUISITE OR A REQUIRED COURSE****COURSE TAKEN**

NAME:**SS #:****CIVIL ENGINEERING****ADVISING FORM****McNEESE STATE UNIVERSITY**

Junior Year

Fall Semester

	COURSE TITLE	Cr	Gr	PRE/CO-REQUISITES	Taken	Sem
	CIEN 308 Structural Analysis	3		Engr 305		F
	ENGR 342 Engineering Economics	3		20 Engineering course Hours		F,S
	ENGR 311 Fluid Mechanics	3		Math 292, Engr 302 or 303		F,S
	HUMANITY (see approved list)	3		(see catalog)		F,S
	MATH 231 Elem. Probability and Statistical Inference	3		Math 113		F,S
	SOC SCI (see approved list)	3		(see catalog)		F,S
TOTAL		18				

Junior Year

Spring Semester

	COURSE TITLE	Cr	Gr	PRE/CO-REQUISITES	Taken	Sem
	CIEN 416 Design of Reinforced Concrete	3		Cien 308		F
	CIEN 316 Materials of Construction	3		Engr 305		S
	ENGR 312 Fluid Mechanics Laboratory	1		Engr 311		S
	CIEN 422 Water Supply and Waste Disposal	3		Chem 102, Engr 311		S
	CIEN 402 Soil Mechanics	3		Engr 305 & 311, Geol 216		F
	BIOL SCI (see approved list)	3		(see catalog)		F,S
TOTAL		16				

Senior Year

Fall Semester

	COURSE TITLE	Cr	Gr	PRE/CO-REQUISITES	Taken	Sem
	CIEN 403 Foundation Engineering	3		Cien 402		S
	HUMANITY (see approved list)	3		(see catalog)		F
	CIEN 417 Design of Steel Structures	3		Cien 308		F
	CIEN 419 Water Resources Engineering	3		Engr 311		F
	CIEN Elective (see approved list)	3		(see catalog)		F,S
	ENGR 490 Senior Design Project I	1		Senior / Cien 402, 416, 417		F
TOTAL		16				

Senior Year

Spring Semester

	COURSE TITLE	Cr	Gr	PRE/CO-REQUISITES	Taken	Sem
	SOC SCI (see approved list)	3		(see catalog)		F,S
	FINE ART (see approved list)	3		(see catalog)		S
	CIEN Elective (see approved list)	3		(see catalog)		F,S
	ENGR 431 Project Management	3		Senior Standing		S
	ENGR 433 The Engineering Profession	1		Engr 490 / Engr 490		F,S
	ENGR 491 Senior Design Project II	3		Engr 490		S
TOTAL		16				

Student:**Advisor:****Date:****Department Head:****Date:****PREREQUISITE OR A REQUIRED COURSE****COURSE TAKEN**