Fall

Freshman Year

ENGL	1010	FRESHMAN ENGLISH I	3	ENGL	1020	FRESHMAN ENGLISH II	3
MATH	1910	CALCULUS I	4	MATH	1920	CALCULUS II	4
CHEM	1110	GEN CHEMISTRY I	3	PHYS	2110	CALCULUS BASED PHYSICS I	3
CHEM	1111	GEN CHEMISTRY I LAB	1	PHYS	2111	CALCULUS BASED PHYSICS I LAB	1
ENGR	1020	FRESHMAN ENGR SEMINAR	1	ENGR	2230	ENGINEERING COMP PROG	3
ENGR	1151	COMPUTER ENGR GRAPHICS	1				
UNIV	1000	ORIENTATION	1				
			14				**14**

Spring appears as header above the Freshman Year Spring columns.

Sophomore Year

MATH	2110	CALCULUS III	4	ENGR	2130	MECHANICS OF MATERIALS	3
COMM	2200	SPEECH	3	ENGR	2131	MECHANICS OF **MATERIALS LAB**	1
ENGR	2110	STATICS	3	ENGR	2120	DYNAMICS	3
PHYS	2120	CALCULUS BASED PHYSICS II	3	MATH	3120	ORDINARY DIFFERENTIAL EQN	3
PHYS	2121	CALCULUS BASED PHYSICS II LAB	*1*	ENGL	2110	HUM, ELECT. (ENGL LITERAT)	3
BIOL	1110	GENERAL BIOLOGY	2	HIST	2010	AMERICAN HISTORY I	3
BIOL	1111	GENERAL BIOLOGY LAB	1				
			17				**16**

SEE NOTE 1

Junior Year

CVEN	3000	INTRO TO ENVIRON ENGR	3	CVEN	3130	SOIL MECHANICS	3
CVEN	3100	FLUID MECHANICS	3	CVEN	3131	SOIL MECHANICS LAB	1
CVEN	3101	FLUID MECHANICS LAB	1	CVEN	3200	TRANSPORTATION ENGINEERING	3
CVEN	3400	STRUCTURAL TESTING	1	CVEN	3250	HYDRAULIC ENGINEERING	3
ENGR	3400	NUMERICAL ANALYSIS	3	CVEN	4361	ENVIRON ENGR LAB	1
CVEN	3410	STRUCTURAL ANALYSIS	3	HIST	2020	AMERICAN HISTORY II	3
ENGR	4400	PROBABILITY & STATISTICS[3]	3			HUMANITIES ELECTIVE[2]	3
			17				**17**

Senior Year

CVEN	3420	REINF. CONCRETE DESIGN	3	ENGR	4201	ENGINEERING-IN-TRAINING LAB	0
CVEN	3350	HYDROLOGY	3	CVEN	4250	WATER/WASTE WATER ENGR	3
CVEN	4320	HIGHWAY ENGINEERING	3	ENGR	4510	CAPSTONE DESIGN PROJECT II	1
CVEN	4440	FOUNDATION ENGINEERING	3	CVEN	4470	CONSTR. MANAGEMENT	3
ENGR	4500	CAPSTONE DESIGN PROJECT I	1	CVEN		DESIGN TECH. ELECTIVE[4]	3
ENGR	4900	PROF DEV SEMINAR	1			SOCIAL SCIENCE ELECTIVE[2]	3
		SOCIAL SCIENCE ELECTIVE[2]	3			HUMANITIES ELECTIVE[2]	3
			17				**16**

NOTE1: ALL STUDENTS ARE REQUIRED TO BE WAIVED THE ENGINEERING ENTRANCE EXAMINATION PRIOR TO ENROLLING IN ENGINEERING UPPER (300-400) LEVEL COURSES

NOTE 2: THIS ELECTIVE MUST BE CHOSEN FROM AN APPROVED LIST OF GENERAL EDUCATION CORE COURSES

NOTE 3: COMMUNITY COLLEGE TRANSFER PATH ALLOWS LINEAR ALGEBRA INSTEAD OF THIS COURSE

NOTE 4: THIS ELECTIVE MUST BE CHOSEN FROM AN APPROVED LIST OF DESIGN COURSES:

CVEN 3440: STEEL DESIGN   CVEN 4520: CIVIL ENGR DESIGN + OTHERS

TOTAL REQUIRED NUMBER OF CREDIT HOURS IS   **128**