

**ChE 5 Year Sample Curriculum Plan (must be approved by CHE major advisor)**

Year	FALL SEMESTER	Units
1	MATH 30 CALCULUS I (P)	3
	GE (ORAL COMMUNICATION)	3
	ENGL 1A COMPOSITION (P)	3
	ENGR 10 PROC. & ANALYSIS	3
	<b>SEMESTER TOTAL</b>	<b>12</b>
2	MATH 32 CALCULUS III	3
	PHYS 51 GEN. PHYSICS.	4
	CHEM 1A GEN. CHEM	5
	WRITING SKILLS TEST	0
	<b>SEMESTER TOTAL</b>	<b>12</b>
3	CHEM 112A ORGAN. CHEM. I	3
	CHE 115 INDUS.CHEM.CALCS. (JR)	3
	AMS 1A	6
	<b>SEMESTER TOTAL</b>	<b>12</b>
4	CHE 190 INTRO. TRANSPORT. (JR)	3
	CHE 162 STATISTICS & ANALYSIS	3
	CHE 161 SAFETY & ETHICS	1
	CHEM 112B ORGAN. CHEM. II	3
	TECH ELECTIVE	3
	<b>SEMESTER TOTAL</b>	<b>13</b>
5	CHE 165A PLANT DESIGN	1
	CHE 158 KINETICS & RXNS. (SR)	3
	CHE 160B UNIT OPER. II (SR)	4
	CHE 161L UNIT OPS. LAB (SR,100W)	2
	CHE 161 SAFETY & ETHICS	1
	GE AREA V	3
	<b>SEMESTER TOTAL</b>	<b>13</b>

	SPRING SEMESTER	Units
	MATH 31 CALCULUS II	4
	PHYS 50 GEN. PHYSICS (P)	4
	ENGL 1B COMPOSITION	3
	<b>SEMESTER TOTAL</b>	<b>11</b>
	MATH 133A ORD. DIF. EQN	3
	CHEM 1B GEN. CHEM	5
	MATE 25 INTRO. TO MATERIALS	3
	CE 99 STATICS	2
	<b>SEMESTER TOTAL</b>	<b>13</b>
	CHEM 113A ORGAN.CHEM.LAB	2
	CHE 151 THERMODYNAMICS	4
	AMS 1B	6
	<b>SEMESTER TOTAL</b>	<b>12</b>
	CHE 160A UNIT OPERATIONS I	4
	GE AREA S	3
	TECH ELECTIVE	3
	ENGR 100W ENGR. REPORTS (WST)	3
	<b>SEMESTER TOTAL</b>	<b>13</b>
	CHE 162L UNIT OPS. LAB	1
	CHE 165 PLANT DESIGN	3
	CHE 185 PRO. DYN. & CONT.	3
	TECH ELECTIVE	3
	<b>SEMESTER TOTAL</b>	<b>10</b>
	<b>TOTAL</b>	<b>120</b>

NOTES: FOOTNOTES	MEANING
(P)	MUST TAKE PLACEMENT EXAM TO ENTER THIS COURSE
(JR)	CE 99 TO START THIRD YEAR CHE COURSES, no course less than a C
(WST)	MUST PASS THE WRITING SKILLS TEST TO ENTER THIS COURSE
(100W)	MUST PASS ENGR 100W TO PRIOR TO STARTING THIS COURSE
(SR)	115, CHE 151, CHE 160A, CHE 162 AND CHE 190) and no grade less than C-