



DEGREE REQUIREMENT EVALUATION

ELM Satisfied ___ Yes ___ No
 EPT Satisfied ___ Yes ___ No
 GWT Satisfied ___ Yes ___ No

California State Polytechnic University, Pomona

YEAR: 1996-97

MAJOR CHEMICAL ENGINEERING (5200)

NAME _____
 LAST FIRST M.I.

EVALUATOR _____

OPTION _____

DATE _____

UNITS REQUIRED 202

STUDENT ID NO. _____

UPDATES _____

Students in this major are expected to achieve and maintain a GPA of at least 2.00 in all courses included in Column I.

GENERAL EDUCATION (70 units) Pick curriculum of study from either Interdisciplinary G.E. (Column IIIa) or Areas 1 through 5 (Column IIIb). Underlined courses satisfy both major and G.E. requirements.

Column I	Column II	Column IIIa	Column IIIb
<u>CORE COURSES IN MAJOR</u>	<u>SUPPORT AND DIRECTED ELECTIVES</u>	<u>Interdis. G.E.</u>	<u>AREA 1</u> – 12 units a) ENG 104 (4) b) COM 100 (4) c) PHL 202 (4)
Intro to CME CHE 131L 1	Gen Chemistry CHM 111 3	IGE 120 4	<u>AREA 2</u> – 16 units (must include one lab course; area 2d must be upper division) a) <u>MAT 114 (4)</u> b) <u>PHY 131/151L, CHM 121L, 122L (3,1,1,1)</u> c) <u>BIO 110 (3)</u> d) <u>CHM 316 (3)</u>
Comp Programming CHE 132/142L 2	Gen Chemistry CHM 112 3	IGE 121 4	<u>AREA 3</u> – 24 units Arts, Literature, Philosophy, and Foreign Languages a) Elective (4) b) Elective (4) c) UD or LD Elective (4)
CME Data Treatment CHE 133/143L 2	Gen Chemistry CHM 113 3	IGE 122 4	AREA 3d or Social, Political, and Economic Institutions d) <u>EGR 403</u> e, f) <u>SOC/PLS 390 (4)*</u>
Stoichiometry I CHE 201/211L 3	Physical Chem CHM 313 3	IGE 220 4	Integrated Being g) Elective (4)
Stoichiometry II CHE 202/212L 3	Organic Chem CHM 314/317L 4	IGE 221 4	<u>AREA 4</u> – 8 units PLS 201 (4) and HST 202 (4)
Appl Math in CME CHE 301 3	Organic Chem CHM 315/318L 4	IGE 222 4	<u>AREA 5</u> – 10 units (A total of 12 upper division units required in GE-four in Area 2d and eight in Area 5.) <u>CHM 311, 312 (3,3), MTE 4xx (4)</u>
CME Thermo I CHE 302 4	Elem Elec Engr ECE 231/251L 4	IGE 223 4	*course satisfies two requirements
CHE Thermo II CHE 303 3	An Geom/Calculus II MAT 115 4	IGE 224 4	
Kinetics and Reactor Design CHE 304 4	An Geom/Calculus III MAT 116 4	Area 1 4	
Momentum Transport CHE 311 4	Calc of Sev Var I MAT 214 3	Pattern 1b,c 8	
Energy Transport CHE 312/322L 4	Calc of Sev Var II MAT 215 3	or	
Mass Transport CHE 313/333L 4	Diff Equations MAT 216 4	Pattern 2b,c (8)	
Unit Operations I CHE 425/435L 4	Vector Statics ME 214 3	EGR 403 4	
Process Control CHE 426/436L 4	Strength of Materials ME 218 3	Area 3d elec	
Unit Operations II CHE 427/437L 4	Mtl Sci/Engr MTE 207 3	Area 2-16 units (See Col IIIb)	
Pol Abatement CHE 432/433L 4	Mtl Lab MTE 317L 1	Area 5-10 units (See Col IIIb)	
Chem Proc Syn & Des I CHE 441/451L 4	Gen Physics PHY 132/152L 4		
Chem Proc Syn & Des II CHE 442/452L 4	Gen Physics PHY 133/153L 4		
Chem Proc Syn & Des II CHE 443/453L 4			
Senior Project CHE 461 2			
Senior Project CHE 462 2			
Undergrad Seminar CHE 463 3			
Column I Units Required 72	Column II Units Required 60	Column III Units Required 70	
		<u>TRANSFER ELECTIVES</u>	SUMMARY OF ADVANCED STANDING CREDIT: Earned Hours _____ G.P.A. Hours _____ Quality Points _____ G.P.A. _____

NOT MORE THAN 105 UNITS FROM A COMMUNITY COLLEGE NOR MORE THAN 36 UNITS OF EXTENSION WORK MAY BE APPLIED TOWARD A BACHELOR'S DEGREE. ALL SPEAKERS OF ENGLISH AS A SECOND LANGUAGE WHO HAVE NOT ACHIEVED THE MINIMUM EPT SCORE FOR ENGLISH 104 MUST TAKE ENGLISH 102 AND 103. A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR. F-105-15 Rev. 2/96

