



**California State Polytechnic University, Pomona
DEGREE REQUIREMENT EVALUATION**

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

MAJOR (PLAN) **CHEMICAL ENGINEERING**

OPTION/EMPHASIS (SUB-PLAN) _____

UNITS REQUIRED **198**

NAME _____
LAST FIRST MI
STUDENT I.D. # _____

TERM ADMITTED _____ YEAR: **2005-2006**
EVALUATOR _____
DATE _____
UPDATES _____

CORE COURSES	Units	SUPPORT COURSES	Units	IGE	GENERAL EDUCATION. Students may fulfill these requirements at Cal Poly Pomona with the General Education (GE) or the Interdisciplinary General Education (IGE) Programs. Select courses from approved lists shown in the Schedule of Classes unless specified.	Units
<i>Students in this major are expected to <u>maintain</u> a GPA of at least 2.00 in all core courses.</i>		Gen Chemistry	CHM 121	3	IGE 120	4
		Gen Chemistry	CHM 122/122L	4	IGE 121	4
		Gen Chemistry	CHM 123	3	IGE 122	4
Intro to CME	CHE 131/141L	Organic Chem	CHM 314/317L	4	IGE 220	4
CME Engineering Analysis	CHE 132/142L	Organic Chem	CHM 315	3	IGE 221	4
CME Data Analysis	CHE 143L	Organic Chem	CHM 316	3	IGE 222	4
		Biochemistry	CHM 327/327L	4	IGE 223	4
Stoichiometry I	CHE 201/211L				IGE 224	4
Stoichiometry II	CHE 202/212L	Elem Elec Engr	ECE 231/231L	4	Area A2,3	8
					Area D2 or	
CME Thermo I	CHE 302	An Geom/Calculus II	MAT 115	4	EGR 403	4
CHE Thermo II	CHE 303	An Geom/Calculus III	MAT 116	4	Area B	
Kinetics and Reactor Design	CHE 304	Calc of Sev Var I	MAT 214	3	16	
Momentum Transport	CHE 311	Calc of Sev Var II	MAT 215	3	Area C4	4
Energy Transport	CHE 312/322L	Diff Equations	MAT 216	4	Area D4	4
Mass Transport Lab	CHE 333L					
		Vector Statics	ME 214	3		
Unit Operations I	CHE 425/435L					
Unt Op II & Proc Con Lab	CHE 436L	Mtl Sci/Engr	MTE 207	3		
Pol Abatement	CHE 432	Mtlis Lab	MTE 317L	1		
Chem Proc Syn & Des I	CHE 441/451L	Corrosion & Matl Degrad	MTE 401	3		
Chem Proc Syn & Des II	CHE 442/452L	UD Mtl. Sci/Engr Elective	MTE XXX	4		
Chem Proc Syn & Des III	CHE 443/453L					
		Gen Physics	PHY 132/L	4		
		Gen Physics	PHY 133/L	4		
		SUMMARY OF ADVANCED STANDING CREDIT: Earned Hours _____ G.P.A. Hours _____ Quality Points _____ G.P.A. _____				
UNITS REQUIRED: 62		UNITS REQUIRED: 68		UNITS REQUIRED: 68		

- GENERAL EDUCATION COURSES**
- Area A Communication and Critical Thinking–12 units**
- ENG 104 4
 - Oral Communication 4
 - Critical Thinking 4
- Area B Math and Natural Sciences–16 units**
- MAT 114 4
 - PHY 131/131L, CHM 121L 5
 - Biological Science 3
 - EGR 481/482* 4
- Area C Humanities– 16 units**
- Fine/Performing Arts 4
 - Philosophy and Civilization 4
 - Literature and Foreign Language 4
 - EGR 402 4
- Area D Social Sciences– 20 units**
- a PLS 201 4
 - b HST 202 4
 - Elective 4
 - Elective 4
 - Social Science Synthesis* 4
- Area E Lifelong Understanding and Self-Development–4 units**

Underlined courses satisfy both major and general education requirements.

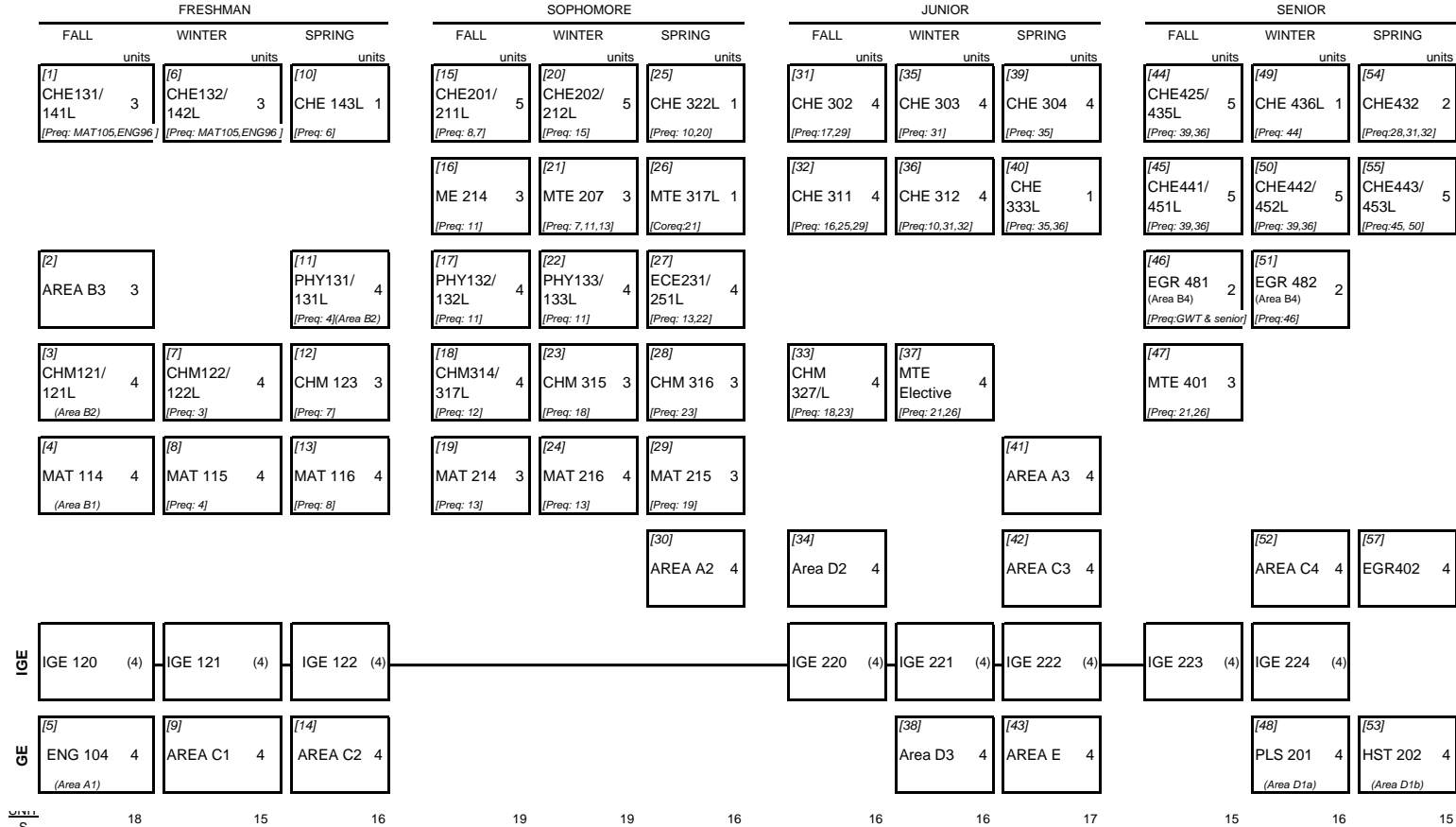
*Department Approval Required

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
CHEMICAL ENGINEERING**

NAME: _____

CPID: _____

CURRICULUM FLOWSHEET, 2005-2006



GWT Test available at the completion of 90 units, mandatory at 120 units

Refer to the University Catalog for complete prerequisite and corequisite requirements.

Revised:02/09/2005

TOTAL
198