



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

ELM Satisfied \_\_\_ Yes \_\_\_ No  
 EPT Satisfied \_\_\_ Yes \_\_\_ No  
 GWT Satisfied \_\_\_ Yes \_\_\_ No

MAJOR CHEMISTRY (7300)  
 OPTION/EMPHASIS Chemistry (7301)  
 UNITS REQUIRED 194

NAME \_\_\_\_\_  
 LAST FIRST MI  
 STUDENT I.D. # \_\_\_\_\_

TERM ADMITTED \_\_\_\_\_ YEAR: **2004-2005**  
 EVALUATOR \_\_\_\_\_  
 DATE \_\_\_\_\_  
 UPDATES \_\_\_\_\_

CORE COURSES	Units	SUPPORT COURSES	Units	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
General Chemistry	CHM 121	3	Introduction to C++	CS 128	4
General Chemistry	CHM 122	3	Analytic Geom & Calculus	MAT 115	4
General Chemistry	CHM 123	3	Analytic Geom & Calculus	MAT 116	4
General Chemistry Lab	CHM 121L	1	Differential Equations	MAT 216	4
General Chemistry Lab	CHM 122L	1	General Physics	PHY 132	3
General Chemistry Lab	CHM 123L	1	General Physics	PHY 133	3
Quantitative Analysis	CHM 221/221L	2/2	General Physics Laboratory	PHY 132L	1
Organic Chemistry	CHM 314	3	General Physics Laboratory	PHY 133L	1
Organic Chemistry	CHM 315	3			
Organic Chemistry	CHM 316	3	A reading knowledge of a foreign language, especially German, is strongly recommended for students planning advanced study in Science		
Organic Chemistry Lab	CHM 317L	1			
Organic Chemistry Lab	CHM 318L	1			
Organic Chemistry Lab	CHM 319L	1			
Spectroanalytical Methods	CHM 342/342L	2/2			
Separation Methods	CHM 343/343L	2/2			
Electroanalytical Methods	CHM 344/344L	2/2			
Physical Chemistry Lab	CHM 352A/352L	1/2			
Organic Synthesis <u>or</u> Organic Analysis	CHM 422/422L CHM 424/424L	2/2 (2/2)			
Senior Research Project	CHM 491	3			
Senior Research Project	CHM 492	3			
Undergraduate Seminar	CHM 493	2			
Advanced Chemistry Electives (Two elective courses, approved 300, 400-level or higher, excluding CHM 400, 491, 492, 493 & 499).		6-8			
<b>OPTION COURSES</b>					
Physical Chemistry	CHM 311	3			
Physical Chemistry	CHM 312	3			
Physical Chemistry	CHM 313	3			
Physical Chemistry Lab	CHM 353L	2			
Inorganic Chemistry	CHM 401	3			
Inorganic Chemistry	CHM 402	3			
Elements of Biochemistry <u>or</u> Biochemistry and Biochemistry	CHM 321/321L CHM 327/327L CHM 328/328L	3/1 (3/1) (3/1)			
			<b>SUMMARY OF ADVANCED STANDING CREDIT:</b> Earned Hours _____ G.P.A. Hours _____ Quality Points _____ G.P.A. _____		
<b>UNITS REQUIRED:</b>	<b>82-84</b>	<b>UNITS REQUIRED:</b>	<b>24</b>	<b>UNITS REQUIRED:</b>	<b>86-88</b>

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.  
 A 2.0 CUMULATIVE GPA IS REQUIRED IN CORE COURSES INCLUDING OPTION COURSES IN ORDER TO RECEIVE A DEGREE IN THIS MAJOR.