



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

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

MAJOR MATHEMATICS (7453)
 OPTION/EMPHASIS Statistics
 UNITS REQUIRED 194

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

TERM ADMITTED _____ YEAR: **2003-2004**
 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
FORTRAN	CS 125	4	General Physics	PHY 132	3
or Intro to C++	CS 128	(4)	General Physics Lab	PHY 132L	1
Analytic Geom & Calculus	MAT 116	4	General Physics	PHY 133	3
Intro to Numerical Methods	MAT 201	4	General Physics Lab	PHY 133L	1
Intro Linear Algebra	MAT 208	4			
Calculus of Sev Variables	MAT 214	3			
Calculus of Sev Variables	MAT 215	3			
Differential Equations	MAT 216	4			
Basic Set Theory & Logic	MAT 310	4			
Intermediate Analysis	MAT 314	4			
Intermediate Analysis	MAT 315	4			
Modern Algebra	MAT 417	4			
Modern Algebra	MAT 418	4			
Complex Variables	MAT 428	4			
Applied Prob Theory	STA 330	4			
Applied Statistics	STA 331	4			
<u>Required Option Courses</u>					
<u>Choose 16 units from the following:</u>		16			
Sampling Theory and Applications	STA 310	(4)			
Nonparametric Statistics	STA 420	(4)			
Stochastic Processes	STA 430	(4)			
Applied Regression	STA 432	(4)			
ANOVA & Design of Experiments	STA 435	(4)			
Mathematical Statistics I	STA 440	(4)			
Mathematical Statistics II	STA 441	(4)			
Special Topics	STA 499	(1-4)			
Computer Simulation	CS 390	(4)			
Choose 8 units in consultation with your advisor.		8			
			SUMMARY OF ADVANCED STANDING CREDIT: Earned Hours _____ G.P.A. Hours _____ Quality Points _____ G.P.A. _____		
				GENERAL EDUCATION COURSES	Units
				Area A Communication and Critical Thinking–12 units	
				1 ENG 104	4
				2 Oral Communication	4
				3 Critical Thinking	4
				Area B Math and Natural Sciences–19 units	
				<i>Select at least one lab course from sub-area 2 or 3.</i>	
				1 <u>MAT 114, MAT 115</u>	8
				2 <u>PHY 131/131L</u>	4
				3 BIO 110	3
				4 Science and Technology Synthesis	4
				Area C Humanities–16 units	
				1 Fine/Performing Arts	4
				2 Philosophy and Civilization	4
				3 Literature and Foreign Language	4
				4 Humanities Synthesis	4
				Area D Social Sciences–20 units	
				1a PLS 201	4
				1b HST 202	4
				2 History, Economics, and Political Science	4
				3 Sociology, Anthropology, Ethnic, and Gender Studies	4
				4 Social Science Synthesis	4
				Area E Lifelong Understanding and Self-Development–4 units	4
				GENERAL EDUCATION (above areas)	71
				UNRESTRICTED ELECTIVES:	19
UNITS REQUIRED:	82	UNITS REQUIRED:	8	UNITS REQUIRED:	90

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.