



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

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

MAJOR (PLAN) **AGRICULTURAL BIOLOGY**

OPTION/EMPHASIS (SUB-PLAN) _____

UNITS REQUIRED **194**

NAME _____
 LAST FIRST MI

STUDENT I.D. # _____

TERM ADMITTED _____ YEAR: **2005-2006**

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
Orientation to the College of Ag	AG 100	1		GENERAL EDUCATION COURSES	
Ag & Modern World	AG 101	4		Area A Communication and Critical Thinking–12 units	
Ethical Issues in Ag	AG 401	4		1 Written Communication	4
Introduction to Arthropods	AGB 165/165L	4	Internship	2 Oral Communication	4
Environmental Toxicology	AGB 411	4	AGB 441	3 Critical Thinking	4
Senior Project	AGB 461	2	AGB 442		
Senior Project	AGB 462	2	CHM 122/122L		
Undergraduate Seminar	HPS 463	2	STA 120		
Weeds and Weed Control	AGR 330/330L	4	42	Area B Math and Natural Sciences–17 units	
Crop Ecology	AGR 401	4		1 Mathematics and Quantitative Reasoning	4
Plant Structures & Functions	BOT 124/124L	5		2 CHM 121/121L	4
Plant Pathology	BOT 323/323L	4		3 BIO 115/115L	5
Basic Soil Science	SS 231/231L	4		4 Science and Technology Synthesis	4
Agricultural Insect Pests	AGB 228/228L	4		Area C Humanities–16 units	
Integrated Pest Mgmt	AGB 231	3		1 Fine/Performing Arts	4
Pesticide & Haz Mat Laws	AGB 301	3		2 Philosophy and Civilization	4
Vertebrate Pest Mgmt	AGB 323/323L	4		3 Literature and Foreign Language	4
Produce Quality & Protection	AGB 325/325L	3		4 Humanities Synthesis	4
or Post Harvest Phys of Fruit/Veg	AGR 351/351L	(4)		Area D Social Sciences–20 units	
Invertebrate Vector Control	AGB 342/342L	4		1a PLS 201	4
Immature Insects	AGB 455/455L	3		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)	69
				UNRESTRICTED ELECTIVES:	0-1
UNITS REQUIRED:	68-69	UNITS REQUIRED:	56	UNITS REQUIRED:	69-70

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

**DIRECTED ELECTIVES
AGRICULTURAL BIOLOGY**

Agricultural Biology Support::	Minimum 20 Units
AGB 224 Plant Identification	4
AGB 301 Pesticide & Hazardous Material Laws	3
AGB 322 Regulatory Exclusion/Detection	4
AGB 336 Bee Science	3
AGB 377 Insect Population Ecology	3
AGB 403 Biological Control	4
AGB 424 Pest Control Methodology	3
AGB 426 Fruit & Vegetable Standards	4
AGB 470 Plant Growth Regulators	3

Agricultural Support:	Minimum 13 Units
AG 464 Development of Leadership Skills	3
AGR 220 Field Crop Systems	4
AGR 223 Pasture & Forage Systems	4
AGR 226 Vegetable Crop Systems	4
AGR 351 Post Harvest Physiology of Fruits/Veg.	4
AGR 404 Plant Breeding	4
AGR 421 Crop Diseases	4
AGR 437 Environmentally Sustainable Ag.	4
FI 101 Fruit Science Fundamentals	4
FI 201 Citrus & Avocado Production	4
FI 203 Pomology	4
HOR 131 Landscape Horticulture Principles	4
HOR 132 Plant Propagation	3
HOR 224 Nursery Management	4
HOR 336 Native Plant Materials	3
HOR 427 Diseases of Ornamentals	4
SS 233 Soil Fertility	4
SS 332 Soil Management & Materials	4
SS 334 Soil Resource Conservation	4
SS 339 Soil & Plant Analysis	3

Science Support:	Minimum 9 Units
BIO 201 Environmental Conservation	3
BIO 303 Genetics	4
BOT 428 Plant Physiology	4
BOT 423 Plant Nematology	4
BOT 440 Diagnosis & Control of Plant Diseases	4
MIC 201 Basic Microbiology	5
CHM 201 Organic Chemistry	3
CHM 250 Organic Chemistry Lab	1
ZOO 137 Invertebrate Zoology	4
ZOO 138 Vertebrate Zoology	4
Any 400 Level Botany or Biology Course	4/5

**DIRECTED ELECTIVES
ENVIRONMENTAL HEALTH SPECIALIST**

Required:	25 Units
*CHM 201 Organic Chemistry	3
*CHM 250 Organic Chemistry Lab	1
*MIC 201 Basic Microbiology	5
*MIC 330 General Epidemiology	4
*PHY 121 College Physics	3
*PHY 141 College Physics Lab	1
*PHY 122 College Physics	3
*PHY 142 College Physics Lab	1
*PLS 314 Public Administration	4

Science Support	Minimum 10 Units
*BIO 201 Environmental Conservation	3
*BIO 420 Water Pollution Biology	3
*BIO 431 Radiation Biology	5
*CHM 460 Air Pollution Problems	3
*MIC 310 Applied Microbiology	5
*ZOO 435 Public Health Entomology	4
Any 300/400 Level BOT/BIO Course	4/5

General Support:	Minimum 7 Units
*AGB 301 Pesticide & Hazardous Materials Laws	3
AGB 377 Insect Population Ecology	3
CE 351 Environmental Resource Systems	4
FN 420 Food Chemistry	4
GEO 103 Image & Map Interpretation	4
GSC 250 Environmental Geology	4
HRT 225 Hotel & Restaurant Sanitation	4
MAT 105 College Algebra	4
MHR 301 Principles of Management	4
PSY 314 Human Relations	3
PSY 332 Industrial & Personnel Psychology	4
PSY 420 Environmental Psychology	4
SS 339 Soil & Plant Analysis	3
SS 431 Soil Chemistry	4
SS 432 Soil Physics	4
URP 101 Introduction to Cities & Planning	4

*Courses which are critical to satisfying Environmental Health Specialist minor. Refer to *University Catalog*.