

Plant Science, B.S.: 120 units
2019-2020 Academic Year

	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 1	PLT 1000 Orientation to Plant Science		1	AG 1010 Agriculture & The Modern World (D3)		3	
	PLT 1120 Plant Science I	Coreq: PLT 1120L.	3	PLT 1130 Plant Science II	Coreq: PLT 1130L.	3	
	PLT 1120L Plant Science I Laboratory	Coreq: PLT 1120.	1	PLT 1130L Plant Science II Laboratory	Coreq: PLT 1130.	1	
	BIO 1150 Basic Biology (B2)	Coreq: BIO 1150L.	3	CHM 1210 General Chemistry I (B1) (Success Marker)	Prereq: C or better in MAT 12, 105, 106, 112, 114, 115, 116, 120, 125, 130, 191, 214, 216, 224, MAT 1050, MAT 1052, MAT 1060, MAT 1140, MAT 1150, MAT 1200, MAT 1250, MAT 1300, MAT 1310, MAT 1910, MAT 2140, MAT 2240, MAT 2250, STA 120, or STA 1200; or C- o	3	
	BIO 1150L Basic Biology Laboratory (B3)	Coreq: BIO 1150.	1	CHM 1210L General Chemistry Laboratory I (B3) (Success Marker)	Prereq: C or better in MAT 12, 105, 106, 112, 114, 115, 116, 120, 125, 130, 191, 214, 216, 224, MAT 1050, MAT 1052, MAT 1060, MAT 1140, MAT 1150, MAT 1200, MAT 1250, MAT 1300, MAT 1310, MAT 1910, MAT 2140, MAT 2240, MAT 2250, STA 120, or STA 1200; or C- o	1	
	GE Area A2: Written Communication (Success Marker)		3	GE Area A1: Oral Communication		3	
	STA 1200 Statistics with Applications (B4) (Success Marker)	Prereq: SAT, ELM, ALEKS, ACT, IRW, GE Area B4; C or better in MAT 106, MAT 1060, MAT 125, MAT 1250, MAT 191, MAT 1910, MAT 105, MAT 1050, or STA 1300; or C- or better in MAT 1051.	3			0	
	Total Units		15	Total Units		14	

Year 2	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
	ABM 2240 Accounting for Agribusiness I		3	PLT 2320 Basic Irrigation Science		3	
CHM 1220 General Chemistry II (B1)	Prereq: C- or better in CHM 1210, CHM 122 or CHM 122B; and C- or better in CHM 1210L, CHM 122L or CHM122LB. Coreq: CHM 1220L.	3	GE Area E: Lifelong Learning and Self-Development		3		
CHM 1220L General Chemistry Laboratory II (B3)	Prereq: C- or better in CHM 1210, CHM 122 or CHM 122B; and C- or better in CHM 1210L, CHM 122L or CHM122LB. Coreq: CHM 1220.	1	BIO 2050 Form and Function in Plants	Prereq: BIO 123/BIO 123L, BIO 1220/BIO 1220L, BIO 122/BIO 122L/BIO 1220C, BIO 115/BIO 115L/BIO 115A, or BIO 1150/BIO 1150L. Coreq: BIO 2050L.	3		
PLT 2310 Basic Soil Science	Prereq: CHM 121 or CHM 1210 and CHM 121L or CHM 1210L. Coreq: PLT 2310L.	2	BIO 2050L Form and Function in Plants Laboratory	Prereq: BIO 123/BIO 123L, BIO 1220/BIO 1220L, BIO 122/BIO 122L/BIO 1220C, BIO 115/BIO 115L/BIO 115A, or BIO 1150/BIO 1150L. Coreq: BIO 2050.	1		
PLT 2310L Basic Soil Science Laboratory	Prereq: CHM 121 or CHM 1210; and CHM 121L or CHM 1210L. Coreq: PLT 2310.	1	PLT 2330 Introduction to Arthropods	Coreq: PLT 2330L.	2		
GE Area A3: Critical Thinking		3	PLT 2330L Introduction to Arthropods Laboratory	Coreq: PLT 2330.	1		
GE Area D1: U.S. History American Ideals		3	GE Area D2: U.S. Constitution and California Government		3		
Semester Total Units		16	Semester Total Units		16		

	Fall		Units	Spring		Units	Comments
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Year 3	PLT 3310 Weed Science	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L. Coreq: PLT 3310L.	2	PLT 3650 Sustainable Agriculture		2	<i>Graduation Writing Test must be taken before completion of 75 units.</i>
	PLT 3310L Weed Science Laboratory	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L. Coreq: PLT 3310.	1	PLT 3650L Sustainable Agriculture Laboratory	Coreq: PLT 3650.	1	
	PLT 3320 Soil Fertility and Fertilizers	Prereq: PLT 2310/PLT 2310L or PLT 231L. Coreq: PLT 3320L.	2	GE Area C1 or GE Area C2	Select either C1: Visual and Performing Arts or C2: Literature, Modern Languages, Philosophy and Civilization course	3	
	PLT 3320L Soil Fertility and Fertilizers Laboratory	Prereq: PLT 231 or PLT 2310; and PLT 231L or PLT 2310L. Coreq: PLT 3320.	1	Major Elective	Select from Curriculum Sheet	2	
	Major Elective	Select from Curriculum Sheet	2	Major Electives	Select from Curriculum Sheet	3	
	PLT 3630 Plant Science Junior Seminar	Prereq: Junior Standing.	1	BIO 4480 Plant Physiology	Prereq: BOT 201/BOT 201L, or BIO 2050/BIO 2050L. Coreq: BIO 4480L.	3	
	GE Area C1: Visual and Performing Arts		3	BIO 4480L Plant Physiology Laboratory	Prereq: BOT 201/BOT 201L, or BIO 2050/BIO 2050L. Coreq: BIO 4480.	1	
	GE Area C2: Literature, Modern Languages, Philosophy and Civilization		3			0	
	<i>Take the Graduation Writing Test</i>						
Semester Total Units			15	Semester Total Units			15

Year 4	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
	PLT 4190 Plant Pathology	Prereq: BOT 201 or BIO 2050; and BOT 201L or BIO 2050L. Coreq: PLT 4190L.	2	PLT 4010 Crop Ecology	Prereq: PLT 231 or PLT 2310; and PLT 231L or PLT 2310L.	3	
PLT 4190L Plant Pathology Laboratory	Prereq: BOT 201 or BIO 2050; and BOT 201L or BIO 2050L. Coreq: PLT 4190.	1	PLT 4400 Integrated Pest Management	Prereq: PLT 233 or PLT 2330; and PLT 233L or PLT 2330L.	3		
Major Core	PLT 4410 Internship or PLT 4610 Senior Project	1	GE Area B5: Science and Technology Synthesis		3		
Major Elective	Select from Curriculum Sheet	4	Major Elective	Select from Curriculum Sheet	3		
AG 4010 Ethical Issues in Food, Agricultural and Apparel Industries (D4, C3)	Prereq: Junior or Senior Standing; and completion of GE Area A2.	3	Major Elective	Select from Curriculum Sheet	3		
GE Area C3: Arts and Humanities Synthesis	or GE Area D4: Social Science Synthesis	3			0		
<i>File an application to graduate</i>							
Semester Total Units		14	Semester Total Units		15		
					Total Units	120	