

Plant Science, B.S.: 120 units
2021-2022 Academic Year

	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 1	PLT 1000 Orientation to Plant Science [FSp]		1	GE Area F: Ethnic Studies [FSp] (Success Marker)		3	[] = Term Typically Offered F = Fall Sp = Spring Su = Summer e = even years o = odd years
	PLT 1120 Plant Science I [FSp]	Coreq: PLT 1120L.	3	PLT 1130 Plant Science II [FSp]	Coreq: PLT 1130L.	3	
	PLT 1120L Plant Science I Laboratory [FSp]	Coreq: PLT 1120.	1	PLT 1130L Plant Science II Laboratory [FSp]	Coreq: PLT 1130.	1	
	BIO 1150 Basic Biology (B2) [FSp]	Coreq: BIO 1150L.	3	CHM 1210 General Chemistry I (B1) [FSpSu] (Success Marker)	Prereq: SAT Math ≥ 550; ACT Math ≥ 23; 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.	3	
	BIO 1150L Basic Biology Laboratory (B3) [FSp]	Coreq: BIO 1150.	1	CHM 1210L General Chemistry Laboratory I (B3) [FSpSu] (Success Marker)	Prereq: SAT Math ≥ 550; ACT Math ≥ 23; 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.	1	
	GE Area A2: Written Communication [FSp] (Success Marker)		3	GE Area A1: Oral Communication [FSP]		3	
	STA 1200 Statistics with Applications (B4) [FSp] (Success Marker)	Prereq: Category I, Category II, Category III, appropriate score on ALEKS placement exam, completion of GE Sub-area B4, or C- or better in MAT 1051. Coreq: STA 1200A (only if Category III).	3			0	
			0			0	
	Total Units		15	Total Units		14	

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Year 2	ABM 2240 Accounting for Agribusiness I [FSpSu]		3	PLT 2320 Basic Irrigation Science [FSp]		3	
	CHM 1220 General Chemistry II (B1) [FSpSu]	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 [FSp]		3	
	CHM 1220L General Chemistry Laboratory II (B3) [FSpSu]	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 [FSp]	Prereq: BIO 121/BIO 121L, BIO 122/BIO 122L, and BIO 123/BIO 123L; BIO 121/BIO 121L and BIO 122/BIO 122L/BIO 1220C; BIO 121/BIO 121L/BIO 1210B and BIO 1220/BIO 1220L; BIO 1210/BIO 1210L and BIO 1220/BIO 1220L; BIO 115/115L/115A; or BIO 1150/BIO 1150L. Core	3	
	PLT 2310 Basic Soil Science [FSp]	Prereq: CHM 121 or CHM 1210 and CHM 121L or CHM 1210L. Coreq: PLT 2310L.	2	BIO 2050L Form and Function in Plants Laboratory [FSp]	Prereq: BIO 121/BIO 121L, BIO 122/BIO 122L, and BIO 123/BIO 123L; BIO 121/BIO 121L and BIO 122/BIO 122L/BIO 1220C; BIO 121/BIO 121L/BIO 1210B and BIO 1220/BIO 1220L; BIO 1210/BIO 1210L and BIO 1220/BIO 1220L; BIO 115/115L/115A; or BIO 1150/BIO 1150L. Core	1	
	PLT 2310L Basic Soil Science Laboratory [FSp]	Prereq: CHM 121 or CHM 1210; and CHM 121L or CHM 1210L. Coreq: PLT 2310.	1	PLT 2330 Introduction to Arthropods [FSp]	Coreq: PLT 2330L.	2	
	GE Area A3: Critical Thinking [FSp]		3	PLT 2330L Introduction to Arthropods Laboratory [FSp]	Coreq: PLT 2330.	1	
	GE Area D1: U.S. History American Ideals [FSp]		3	GE Area D2: U.S. Constitution and California Government [FSp]		3	
			0			0	
	Semester Total Units	16		Semester Total Units	16		

	Fall		Units	Spring		Units	Comments	
	Courses	Requirements/Comments		Courses	Requirements/Comments			
Year 3	PLT 3310 Weed Science [FSp]	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L. Coreq: PLT 3310L.	2	PLT 3650 Sustainable Agriculture [FSp]		2		
	PLT 3310L Weed Science Laboratory [FSp]	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L. Coreq: PLT 3310.	1	PLT 3650L Sustainable Agriculture Laboratory [FSp]	Coreq: PLT 3650.	1		
	PLT 3320 Soil Fertility and Fertilizers [FSp]	Prereq: PLT 2310/PLT 2310L or PLT 231L. Coreq: PLT 3320L.	2	GE Area C1 or GE Area C2 [FSp]	Select either C1: Visual and Performing Arts or C2: Literature, Modern Languages, Philosophy and Civilization course	3		
	PLT 3320L Soil Fertility and Fertilizers Laboratory [FSp]	Prereq: PLT 231 or PLT 2310; and PLT 231L or PLT 2310L. Coreq: PLT 3320.	1	Major Electives [FSp]	Select from Curriculum Sheet	3		
	Major Electives	Select from Curriculum Sheet	2	Major Electives [FSp]	Select from Curriculum Sheet	3		
	PLT 3630 Plant Science Junior Seminar [FSp]	Prereq: Junior Standing.	1	PLT 4280 Plant Physiology for Plant Science Students [Sp]	Prereq: BIO 2050 and BIO 2050L.	3		
	GE Area C1: Visual and Performing Arts [FSp]		3			0		
	GE Area C2: Literature, Modern Languages, Philosophy and Civilization [FSp]		3			0		
	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 [FSp]	Prereq: BOT 201 or BIO 2050; and BOT 201L or BIO 2050L. Coreq: PLT 4190L.	2	PLT 4010 Crop Ecology [FSp]	Prereq: PLT 231 or PLT 2310; and PLT 231L or PLT 2310L.	3	
PLT 4190L Plant Pathology Laboratory [FSp]	Prereq: BOT 201 or BIO 2050; and BOT 201L or BIO 2050L. Coreq: PLT 4190.	1	PLT 4400 Integrated Pest Management [FSp]	Prereq: PLT 233 or PLT 2330; and PLT 233L or PLT 2330L.	3		
Major Required	PLT 4410 Internship or PLT 4610 Senior Project	1	GE Area B5: Science and Technology Synthesis [FSp]		3		
Major Electives	Select from Curriculum Sheet	4	Major Electives	Select from Curriculum Sheet	3		
AG 4010 Ethical Issues in Food, Agricultural and Apparel Industries (D4, C3) [FSpSu]	Prereq: Junior or Senior Standing; and Lower division GE requirements in Area A, at least two sub-areas in Area C, and at least two sub-areas in Area D.	3	Major Electives	Select from Curriculum Sheet	3		
GE Area C3: Arts and Humanities Synthesis [FSp]	or GE Area D4: Social Science Synthesis	3			0		
	Coreq:	0			0		
		0			0		
<i>File an application to graduate</i>							
Semester Total Units		14	Semester Total Units		15		
					Total Units	120	