

Plant Science, B.S.: 120 units
Associate Degree Transfer, Agriculture Plant Sciences, AS-T
2021-2022 Academic Year

Students should adhere to this recommended plan to ensure completion of 60 additional units.

	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 1	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	PLT 4400 Integrated Pest Management [FSp]	Prereq: PLT 233 or PLT 2330; and PLT 233L or PLT 2330L.	3	
	GE Area C3: Arts and Humanities Synthesis [FSp]	or GE Area D4: Social Science Synthesis	3	PLT 3320 Soil Fertility and Fertilizers [FSp]	Prereq: PLT 2310/PLT 2310L or PLT 231L. Coreq: PLT 3320L.	2	
	PLT 2330 Introduction to Arthropods [FSp]	Coreq: PLT 2330L.	2	PLT 3320L Soil Fertility and Fertilizers Laboratory [FSp]	Prereq: PLT 231 or PLT 2310; and PLT 231L or PLT 2310L. Coreq: PLT 3320.	1	
	PLT 2330L Introduction to Arthropods Laboratory [FSp]		1	PLT 2320 Basic Irrigation Science [FSp]		3	
	PLT 3630 Plant Science Junior Seminar [FSp]	Prereq: Junior Standing.	1	GE Area B5: Science and Technology Synthesis [FSp]		3	
	PLT 3650 Sustainable Agriculture [FSp]		2	American Ideals Part B [FSp]	Choice from PLS 2010 [FSp], or PLS 4205 [FSp]. If American Ideals requirement has been satisfied by lower division transferred courses, take any major elective.	3	
	PLT 3650L Sustainable Agriculture Laboratory	Coreq: PLT 3650.	1			0	
	American Ideals Part A	Choice from HST 2201 [FSp], HST 2202 [FSp] or HST 3340 [FSp]. If American Ideals requirement has been satisfied by lower division transferred courses, take any unrestricted elective.	3			0	
Total Units			16	Total Units		15	

Year 2	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
	PLT 4010 Crop Ecology [FSp]	Prereq: PLT 231 or PLT 2310; and PLT 231L or PLT 2310L.	3	PLT 4190 Plant Pathology [FSp]	Prereq: BOT 201 or BIO 2050; and BOT 201L or BIO 2050L. Coreq: PLT 4190L.	2	<i>All students are expected to choose a career track, either professional track (growers or licensed professionals etc.) or research track, for those who want a career in research or want to pursue further study. Courses for the specific track could chosen</i>
	PLT 4280 Plant Physiology for Plant Science Students [FSp]	Prereq: BIO 2050 and BIO 2050L.	3	PLT 4190L Plant Pathology Laboratory [FSp]	Prereq: BOT 201 or BIO 2050; and BOT 201L or BIO 2050L. Coreq: PLT 4190.	1	
	Major Required	PLT 4410 Internship or PLT 4610 Senior Project	1	PLT 3310 Weed Science [FSp]	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L. Coreq: PLT 3310L.	2	
	Major Electives	Select from Curriculum Sheet	4	PLT 3310L Weed Science Laboratory [FSp]	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L. Coreq: PLT 3310.	1	
	Major Electives	Select from Curriculum Sheet	3	Major Electives	Select from Curriculum Sheet	3	
			0	Major Electives	Select from Curriculum Sheet	3	
	<i>File an application to graduate</i>						
	Semester Total Units		14	Semester Total Units		15	
				Total Units		60	