

## 2021-22 Plant Science B.Sc. Course Checklist

### California State University, Fresno

[For planning purposes only - Consult the official University Catalog for all degree requirements advising notes, prerequisites, etc.]

<http://fresnostate.edu/catalog/subjects/plant-science/plant-sci.html>

Student Name: \_\_\_\_\_ Email Address: \_\_\_\_\_ @mail.fresnostate.edu

Transfer Student? \_\_\_\_\_ Catalog Year: 20\_\_\_\_ Projected Graduation Semester/Year: \_\_\_\_\_

Planned Semester	Course	Semester Offered*	Semester Completed	Units
1st	GE A1 - Oral Communication	Fall/Spring		3
1st	GE A2 - Written Communication	Fall/Spring		3
1st	GE B4 - MATH 11 Elementary Statistics	Fall/Spring		3
1st	GE A3 - CSM 10 The Scientific Method	Fall/Spring		3
1st	Lower Division Elective _____	Fall/Spring		3
2nd	GE B2 - BIOL 11 Plant Biology†	Fall/Spring		3
2nd	GE B3 - Laboratory Component	Fall/Spring		-
2nd	GE C1 - Arts	Fall/Spring		3
2nd	GE C2 - Humanities	Fall/Spring		3
2nd	GE E - CSM 15 Evidence Based Decision Making	Fall/Spring		3
2nd	MEAG XX or XXX (based on field of study)	Fall/Spring		3
3rd	GE B1 - CHEM 3A Introductory General Chemistry (GE B4 - MATH 11)‡	Fall/Spring		3
3rd	GE C1 or C2 - Arts or Humanities	Fall/Spring		3
3rd	GE D1 - American History	Fall/Spring		3
3rd	PLSI 2 American Government and Institutions	Fall/Spring		3
3rd	Lower Division Elective _____	Fall/Spring		3
4th	GE D2 - AGBS 1 Agricultural Business	Fall/Spring		3
4th	GE F - Ethnic Studies	Fall/Spring		3
4th	CHEM 8 Intro Org Chem or CHEM 3B Elem Org/Biochem (CHEM 3A)	Fall/Spring		4
4th	PLANT 99 Intro to Biometrics (MATH 11 or any Intro/Elem Statistics course)§	Fall/Spring		3
4th	Lower/Upper Division Elective _____	Fall/Spring		3
5th	PLANT 71 Agricultural Water	Fall		3
5th	PLANT 100 Aspects of Crop Productivity (BIOL 11)	Fall/Spring		3
5th	PLANT 162 Economic Entomology (BIOL 11)	Fall		3
5th	PLANT 172 Soils (CHEM 3A)	Fall		3
5th	PLANT 172L Soils Lab (PLANT 172 (may be concurrent))	Fall		1
5th	Upper Division Elective _____	Fall/Spring		3
6th	CHEM 150 General Biochemistry (CHEM 3A and 3B or 8)	Fall/Spring/Summer		3
6th	PLANT 101 Crop Nutrition (PLANT 172)	Spring		3
6th	PLANT 160 Weeds (BIOL 11 & CHEM 3A) or PLANT 163 IPM (PLANT 162)	Spring		3
6th	GE IB - PLANT 105 Food Soc and Envir or GE ID AGBS 155 Envir Nat Res Policy¶	Fall/Spring		3
6th	UD Writing Skills Requirement - PLANT 110W Dimensions in Agriculture	Fall/Spring/Summer		-
6th	Upper Division Elective _____	Fall/Spring		3
7th	PLANT 161 Plant Pathology (BIOL 11)	Fall		3
7th	GE IC - Arts and Humanities	Fall/Spring		3
7th	PLANT 107 Plant Propagation or PLANT 108 Microprop. (BIOL 11, CHEM 3A)	Fall/Spring		3
7th	PLANT 150 Crop Improvement (BIOL 11)	Fall/Spring		3
7th	Upper Division Elective _____	Fall/Spring		3
8th	PLANT 160 Weeds (BIOL 11 & CHEM 3A) or PLANT 163 IPM (PLANT 162)	Spring		3
8th	GE IB - PLANT 105 Food, Soc and Envir or GE ID AGBS 155 Envir Nat Res Policy	Fall/Spring		3
8th	PLANT 180, 190, 194I, 196 Senior Experience	Fall/Spring		1
8th	Upper Division Elective _____	Fall/Spring		3
8th	Upper Division Elective _____	Fall/Spring		3
			<b>Total</b>	<b>120</b>

**Notes:**

\* Semester offered is subject to change, summer courses are not always offered. Consider completing as early in schedule as possible

† An "Introductory/Elementary/Fundamental Biology" combined with an "Introduction to Plant Science" course may be substituted for BIOL 11 - Plant Biology (Requires department approval and a permission number for any courses requiring BIOL 11)

‡ Prerequisite or co-requisite: G.E. Foundation B4 (MATH 11). No credit for CHEM 3A after CHEM 1A.

§ Prerequisites in parentheses/Must obtain a "C" or higher in all major course prerequisites

¶ PLANT 105/AGBS 155 can double count as GE IB/ID and an UD Elective provided a minimum of 120 total units will be completed