

2024-25 Catalog Year - Plant Science B.Sc. Course Planning Checklist

California State University, Fresno

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

<https://catalog.fresnostate.edu>

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 (Prereq: GE B4 - MATH 11) [‡] | Fall/Spring | | 4 |
| 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 (Prereq: CHEM 3A) | Fall/Spring | | 3 |
| 4th | PLANT 99 Intro to Biometrics (Prereq: MATH 11 or Intro/Elem Statistics) [§] | Fall/Spring | | 3 |
| 4th | Lower/Upper Division Elective _____ | Fall/Spring | | 3 |
| 5th | PLANT 71 Agricultural Water | Fall/Spring | | 3 |
| 5th | PLANT 100 Aspects of Crop Productivity (Prereq: BIOL 11) | Fall/Spring | | 3 |
| 5th | PLANT 162 Economic Entomology (Prereq: BIOL 11) | Fall/Spring | | 3 |
| 5th | PLANT 172 Soils (Prereq: CHEM 3A) | Fall | | 3 |
| 5th | PLANT 172L Soils Lab (Pre/coreq PLANT 172) | Fall | | 1 |
| 5th | Upper Division Elective _____ | Fall/Spring | | 3 |
| 6th | CHEM 150 General Biochemistry (Prereq: CHEM 3A and 3B or 8) | Fall/Spring/Summer | | 3 |
| 6th | PLANT 101 Crop Nutrition (Prereq: PLANT 172) | Fall/Spring | | 3 |
| 6th | PLANT 160 Weeds (Prereq: BIOL 11 & CHEM 3A) or PLANT 163 IPM (Prereq: PLANT 162) | Fall/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 (Prereq: BIOL 11) | Fall /Spring | | 3 |
| 7th | GE IC - Arts and Humanities | Fall/Spring | | 3 |
| 7th | PLANT 107 Plant Propagation (Prereq: BIOL 11, CHEM 3A) | Fall/Spring | | 3 |
| 7th | PLANT 150 Crop Improvement (Prereq: BIOL 11) | Fall/Spring | | 3 |
| 7th | Upper Division Elective _____ | Fall/Spring | | 3 |
| 8th | PLANT 160 Weeds (Prereq: BIOL 11 & CHEM 3A) or PLANT 163 1PM (Prereq: PLANT 162) | Fall/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 |
| | | | Total | 120 |

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 for 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