

College of Agriculture and Life Sciences  
School of Plant and Environmental Sciences  
Minor: Crop and Soil Environmental Sciences

For students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021

**Required Courses (complete the following 6 or 7 credits)**

CSES 2444: Agronomic Crops (F) or CSES/HORT 3444: World Crops & Systems (S)	3 _____
CSES/ENSC 3114 or GEOS 3614: Soils (F); CSES/ENSC 3124 or GEOS 3624: Soils Lab OR	3+ 1 _____
CSES/ENSC 3134: Soils in the Landscapes (S)	3 _____

**Restricted Electives (minimum 9 credits)**

CSES 2444: Agronomic Crops (F) or CSES/HORT 3444: World Crops & Systems (S) (whichever wasn't taken above in "required courses")	3 _____
CSES 2564: Turfgrass Management (F)	3 _____
CSES 2244: Ag Global Food Sec and Health (F)	3 _____
CSES 3564: Golf and Sports Turf Mgt (F)	3 _____
ENSC 3604: Fund Environ Science (F)	3 _____
CSES/ENSC 3644: Plant for Envir Rest (S)	3 _____
CSES/ENSC 4134: Soil Genesis & Class (S)	3 _____
CSES 4144: Plant Breeding and Genetics (S)	3 _____
CSES 4214: Soil Fertility and Management (F)	3 _____
CSES 4344: Crop Physiology and Ecology (S)	3 _____
CSES 4354: Advanced Agronomic Crops (S)	3 _____
CSES 4544: Forage Crop Ecology (S)	3 _____
CSES/ENSC/CHEM 4734: Environmental Soil Chemistry	3 _____

**Optional Restricted Electives (maximum 4 credits)**

ENT 4254: Insect Pest Management (S)	3 _____
ENT/PPWS 4264: Pesticide Usage (S)	3 _____
PPWS 4104: Plant Pathology (F)	4 _____

- Minimum Credits for the minor = 18
- Minimum GPA requirement of 2.0 for courses taken towards the minor.
- Some courses listed on this checksheet may have prerequisites, please consult the University Course Catalog, or check with your advisor.