

COLLEGE OF AGRICULTURE AND LIFE SCIENCES
CHECKSHEET for a **MINOR** in
CROP AND SOIL ENVIRONMENTAL SCIENCES
School of Plant and Environmental Sciences
For Students Graduating in Calendar Year 2021

Required Courses (complete the following 6 or 7 credits)

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| CSES 2444: Agronomic Crops (F) or CSES/HORT 3444: World Crops & Cropping Systems (S) | 3 _____ |
| CSES/ENSC 3114: Soils (F) – Pre: (CHEM 1035 and CHEM 1036), CO: CSES/ENSC 3124: Soils Lab | 3+ 1 |
| OR | |
| CSES/ENSC 3134: Soils in the Landscapes (S) | 3 _____ |

Restricted Electives (minimum 9 credits)

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| CSES 2444: Agronomic Crops (F) or CSES/HORT 3444: World Crops & Cropping Systems (S) | 3 _____ |
| (whichever wasn't taken above in "required courses") | |
| CSES 2564: Turfgrass Management (F) – Co: BIOL 1105 | 3 _____ |
| CSES 2244: Agriculture Global Food Security and Health (F) | 3 _____ |
| CSES 3564: Golf and Sports Turf Management (F) – Pre: CSES 2546 | 3 _____ |
| ENSC 3604: Fundamentals of Environmental Science (F) – Pre: (BIOL 1105 or CHEM 1035) | 3 _____ |
| CSES/ENSC 3644: Plant Materials for Environmental Restoration (S) – Pre: BIOL 1106 | 3 _____ |
| CSES/ENSC 4134: Soil Genesis and Classification (S) – Pre: (3114, 3124) or (ENSC 3114, | |
| ENSC 3124) or (GEOS 3614, GEOS 3624) or (CSES 3134 or ENSC 3134) | 3 _____ |
| CSES 4144: Plant Breeding and Genetics (S) | 3 _____ |
| CSES 4214: Soil Fertility and Management (F) – Pre: (CSES 3114 or CSES 3134) | 3 _____ |
| CSES 4344: Crop Physiology and Ecology (S) | 3 _____ |
| CSES 4354: Advanced Agronomic Crops (S) | 3 _____ |
| CSES/ENSC 4444: Managed Ecosystems, Ecosystem Services, and Sustainability (S) – | 3 _____ |
| Pre: (CSES 3114 or CSES 3134) | |
| CSES 4544: Forage Crop Ecology (S) | 3 _____ |
| CSES/ENSC/CHEM 4734: Environmental Soil Chemistry – Pre: (CSES 3114, 3124) (CHEM 2514 | 3 _____ |
| or CHEM 2535, CHEM 2114) (MATH 2015 or MATH 1026) | |

Optional Restricted Electives (maximum 4 credits)

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| ENT 4254: Insect Pest Management (S) | 3 _____ |
| ENT/PPWS 4264: Pesticide Usage (S) - Pre: (CHEM 2515 or CHEM 2536) | 3 _____ |
| PPWS 4104: Plant Pathology (F) - Pre: (BIOL 1005 or BIOL 1105), (BIOL 1006 or BIOL 1106) | 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.

Last updated: February 2019

KEY:
 (B) – class is offered both fall and spring semester
 (F) – class is offered only fall semester
 (S) – class is offered only spring semester
 (V) – class is offered variable times