

Crop and Soil Sciences — Turfgrass Option (CSTU)

Freshman

| Fall | Hours | Spring | Hours | Summer | Hours |
|---|-----------|--|-----------|----------------------------------|-----------|
| BIOL 1020 Principles of Biology & BIOL 1021 Principles of Biology Laboratory | 4 | BIOL 1030 Organismal Biology & BIOL 1031 Organismal Biology Laboratory | 4 | ENGL 1120 English Composition II | 3 |
| CHEM 1030 Fundamentals Chemistry I & CHEM 1031 Fundamental Chemistry I Laboratory | 4 | CSES 2040 Basic Soil Science | 4 | FLSP 1010 Elementary Spanish I | 4 |
| CSES 2000 Basic Crop Science | 4 | CHEM 1040 Fundamental Chemistry II & CHEM 1041 Fundamental Chemistry II Laboratory | 4 | Free Electives | 3 |
| MATH 1130 Pre-Calculus Trigonometry | 3 | ENGL 1100 English Composition I | 3 | Core History I | 3 |
| | 15 | | 15 | | 13 |

Sophomore

| Fall | Hours | Spring | Hours |
|---|-----------|---|--------------|
| Core Literature | 3 | Core Social Science | 3 |
| CSES 3150 Turfgrass Management | 4 | HORT 3000 Growth and Development of Horticultural Plants <i>or</i> 3100 Plant Biology | 3-4 |
| CSES 3120 Principles of Weed Science | 4 | CHEM 2030 Survey of Organic Chemistry | 3 |
| Plant/Soil Science Elective ² | 3 | Core History II | 3 |
| | | ECON 2020 Principles of Microeconomics | 3 |
| | 14 | | 15-16 |

Junior

| Fall | Hours | Spring | Hours |
|-----------------------------------|-----------|----------------------|----------|
| COMM 1000 Public Speaking | 3 | CSES 3920 Internship | 3 |
| CSES 5000 Environmental Quality | 3 | | |
| PLPA 3000 General Plant Pathology | 4 | | |
| Core Humanities | 3 | | |
| AGRI 3000 Agricultural Genetics | 4 | | |
| | 17 | | 3 |

Senior

| Fall | Hours | Spring | Hours |
|--------------------------------------|-------|--|----------|
| ACCT 2810 Fundamentals Of Accounting | 3 | Plant/Soil Science Elective ² | 3 |
| ENTM 4020 Economic Entomology | 4 | CSES 4950 Senior Seminar | 2 |
| Core Humanities (Fine Arts) | 3 | CSES 5020 Nutrient Management | 3 |

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|--|--|-----------|
| STAT 2510 Statistics for Biological and Health Sciences | 3 CSES 5160 Advanced Turfgrass Management | 3 |
| BATM 3560 Turf Systems Irrigation Design | 3 UNIV 4AA0 Achieve the Creed | 0 |
| | Free Electives ² | 3 |
| | 16 | 14 |

Total Hours: 122-123

¹ Courses in boldface type are major courses and require a 2.0 minimum GPA for graduation.

² Plant/Soils Electives (substitutions to this list must be approved by the program coordinator and be at or above 3000-level):

- HORT 3210 Woody Landscape Plant Identification II
- HORT 3220 Arboriculture
- HORT 5210 Landscape Bidding, Installation and Maintenance
- HORT 3280 Landscape Construction
- CSES 3920 Internship
- CSES 5030 Advanced Crop Science
- CSES 5500 Forage Production and Utilization
- CSES 5000 Environmental Quality
- CSES 5150 Soil Morphology
- CSES 5080 Soil Resources and Conservation
- CTCT 2100 Power Equipment Technology
- CTCT 4140 Agricultural Structure and Metal Fabrication Technology