DEPARTMENT OF CROP, SOIL, AND ENVIRONMENTAL SCIENCES

Major in Crop, Soil, and Environmental Sciences

Check Sheet for Crop Science (CPSCBS) 2024-2025

Name: I.D. Number: Advisor:

**University Requirements**: 1 hour

* UNIV 1001 University Perspectives1

**Communications**: 12 hours

* ENGL 1013 Composition I
* ENGL 1023 Composition II
* COMM 1313 Public Speaking
* CSES 3023 Crop, Soil and Environmental Sciences Colloquium

**US History or Government**: 3 hours

* HIST 2003 **or** HIST 2013 **or** PLSC 2003

**Mathematics and Computer Science**: 6 hours

* MATH 1203 College Algebra or higher level MATH
* ASTM 2903 AHES Application of Microcomputers **OR**
	+ STAT 2303 Principles of Statistics

**Physical and Biological Sciences**: 15-19 hours

* BIOL 1543 Principles of Biology
	+ BIOL 1541L Principles of Biology Lab
* CHEM 2613 Organic Physiological Chemistry
	+ CHEM 2611L Organic Physiological Chemistry Lab
* ANSC 3123 Principles of Genetics **OR**
	+ POSC 3123 Principles of Genetics **OR**
	+ BIOL 2323 General Genetics Select one CHEM group (4-8 hours)
* CHEM 1073 Fundamentals of Chemistry
	+ CHEM 1071L Fundamentals of Chemistry Lab **OR**
* CHEM 1103 University Chemistry I
	+ CHEM 1101L University Chemistry I Lab **AND**
* CHEM 1123 University Chemistry II
	+ CHEM 1121L University Chemistry II Lab

**Fine Arts/Humanities**: 6 hours2

*Choose 3 hours from Fine Arts and 3 hours from Humanities:*

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| Check for completion | Course I. D.: | Course Name: |
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**Social Sciences**: 9 hours2

* AGEC 1103 Principles Agri Microeconomics

*Choose 6 hours from Social Sciences:*

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**Crop Science Core**: 30 hours

* CSES 1011 Introduction to CSES
* CSES 2052 Professional Development in CSES
* CSES 1203 Introduction to Plant Sciences
* CSES 2103 Crop Science
	+ CSES 2101L Crop Science Lab
* CSES 2203 Soil Science
	+ CSES 2201L Soil Science Lab
* CSES 4013 Advanced Crop Science
* CSES 4224 Soil Fertility
* CSES 4143 Principles of Weed Control
* ENTO 3013 Introduction to Entomology
* PLPA 3003 Principles of Plant Pathology

**Crop Science Electives**: 21 hours

*Choose 21 hours from the following:*

* CSES 3214 Soil Resources and Nutrient Cycles
* CSES 3312 Cotton Production
* CSES 3322 Soybean Production
* CSES 3332 Rice Production
* CSES 3342 Cereal Grain Production
* CSES 3703 Precision Agriculture
* ENSC 3003 Introduction to Water Science
* ENSC 3263 Soil and Water Conservation
* ENSC 3603 GIS for Environmental Science
* CSES 4103 Plant Breeding
* CSES 4133 Ecology and Morphology of Weedy and Invasive Plants **OR**
* CSES 4143 Principles of Weed Control
* ENTO 4123 Insect Pest Management
* PLPA 4223 Plant Disease Control
* PLPA 4333 Biotechnology in Agriculture
* CSES 462V Internship (3 hours)
* CSES 400V Special Problems (3 hours)3

**General Electives:** 13-17 hours

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**OTHER REQUIREMENTS FOR A B.S.A. DEGREE**

120 total semester hours of which:

9 hrs outside the CSES department but within the Bumpers College 40 semester hours in upper division courses

2.00 or higher GPA

1 UNIV 1001 University Perspectives is required for new freshmen or transfers with less than 24 hours.

2 See student degree audit for approved course list

3 One 3-hr study abroad course may be used in fulfilling the Crop Science Electives requirement. Student should contact their academic advisor for more information.

**8/1/2023**