# DEPARTMENT OF CROP, SOIL, AND ENVIRONMENTAL SCIENCES

## Major in Crop, Soil, and Environmental Sciences

### Check Sheet for Crop Science (CPSCBS)

### 2023-2024

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

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

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

ANSC 3123 Principles of Genetics **OR**

POSC 3123 Principles of Genetics **OR**

BIOL 2323 General Genetics

**Fine Arts/Humanities**: 6 hours2

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

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

AGEC 1103 Principles Agri Microeconomics

| Check for completion | Course I. D.: | Course Name: |
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**Crop Science Core**: 27 hours

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**: select 21 hours

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 3XX3 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

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:** 16-20 hours

| Check for completion | Course I. D.: | Course Name: |
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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.