# 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

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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.