

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 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:

Check for completion	Course I. D.:	Course Name:
<input type="checkbox"/>		
<input type="checkbox"/>		

Social Sciences: 9 hours²

- AGECE 1103 Principles Agri Microeconomics

Choose 6 hours from Social Sciences:

Check for completion	Course I. D.:	Course Name:
<input type="checkbox"/>		
<input type="checkbox"/>		

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: 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: 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.