

# 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 10051 University Perspectives<sup>1</sup>

#### Communications: 12 hours

- ☐ ENGL 10103 Composition I  
☐ ENGL 10203 Composition II  
☐ SPCH 10003 Public Speaking  
☐ CSES 30203 Crop, Soil and Environmental Sciences Colloquium

#### US History or Government: 3 hours

- ☐ HIST 20003 or HIST 20103 or PLSC 20003

#### Mathematics and Computer Science: 6 hours

- ☐ MATH 11003 College Algebra or higher level MATH  
☐ ASTM 29003 AHES Application of Microcomputers **OR**  
☐ MATH 21003 Principles of Statistics

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

- ☐ BIOL 10103 Principles of Biology **AND**  
☐ BIOL 10101 Principles of Biology Lab  
☐ CHEM 26103 Organic Physiological Chemistry **AND**  
☐ CHEM 26101 Organic Physiological Chemistry Lab  
☐ ANSC 31203 Principles of Genetics **OR**  
POSC 31203 Principles of Genetics **OR**  
BIOL 23373 General Genetics  
Select one CHEM group (4-8 hours)  
☐ CHEM 12103 Fundamentals of Chemistry **AND**  
☐ CHEM 12101 Fundamentals of Chemistry Lab **OR**  
CHEM 14103 University Chemistry I **AND**  
CHEM 14101 University Chemistry I Lab **AND**  
CHEM 14203 University Chemistry II **AND**  
CHEM 14201 University Chemistry II Lab

#### Fine Arts/Humanities: 6 hours<sup>2</sup>

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 hours<sup>2</sup>

- ☐ AGECE 11003 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: 30 hours

- ☐ CSES 10101 Intro to Crop, Soil, and Environmental Science  
☐ CSES 23002 Prof Dev in Crop, Soil, and Environmental Sciences  
☐ CSES 12003 Introduction to Plant Sciences  
☐ CSES 21033 Crop Science **AND**  
☐ CSES 21001 Crop Science Lab  
☐ CSES 22003 Soil Science **AND**  
☐ CSES 22001 Soil Science Lab  
☐ CSES 40133 Advanced Crop Science  
☐ CSES 42204 Soil Fertility  
☐ CSES 41403 Principles of Weed Control  
☐ ENTO 30103 Introduction to Entomology  
☐ PLPA 30003 Principles of Plant Pathology

#### Crop Science Electives: 21 hours

Choose 21 hours from the following:

- ☐ CSES 32104 Soil Resources and Nutrient Cycles  
☐ CSES 33102 Cotton Production  
☐ CSES 33202 Soybean Production  
☐ CSES 33302 Rice Production  
☐ CSES 33402 Cereal Grain Production  
☐ CSES 37003 Precision Agriculture  
☐ ENSC 30003 Introduction to Water Science  
☐ ENSC 32603 Soil and Water Conservation  
☐ ENSC 36003 GIS for Environmental Science  
☐ CSES 41003 Plant Breeding  
☐ CSES 41303 Ecology and Morphology of Weedy and Invasive Plants  
☐ ENTO 41203 Insect Pest Management  
☐ PLPA 42203 Plant Disease Control  
☐ PLPA 43303 Biotechnology in Agriculture  
☐ CSES 4620V Internship (3 hours)  
☐ CSES 4000V Special Problems (3 hours)<sup>3</sup>

#### General Electives: 13-17 hours

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

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

120 total semester hours of which:  
9 hours outside the CSES department but within the Bumpers College  
40 semester hours in upper division courses  
2.00 or higher GPA

<sup>1</sup> UNIV 10051 University Perspectives is required for new freshmen or transfers with less than 24 hours.

<sup>2</sup> See student degree audit for approved course list

<sup>3</sup> 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.