College of Agriculture and Life Sciences – School of Plant and Environmental Sciences
Bachelor of Science: Crop and Soil Environmental Sciences – International Agriculture Option
For students graduating in calendar year 2022 and for student date of entry under UG Catalog 2020-2021

Pathways to General Education (44-47 credits)

1. Discourse
__ (3, foundational) ENGL 1105: First-Year Writing – F, S
__ (3, foundational) ENGL 1106: First-Year Writing – F, S, SI, SII
__ (3, advanced/applied) *ENGL 3764: Technical Writing – F, S, W, SI, SII

2. Critical Thinking in the Humanities
__ (3) _____ - F, S, W, SI, SII
__ (3) _____ - F, S, W, SI, SII

3. Reasoning in the Social Sciences
__ (3) AAEC 1005: Econ Food Fiber Sys *or* ECON 2005: Principles of
     Economics – F, S
__ (3) AAEC 1006: Econ Food Fiber Sys *or* ECON 2006: Principles of
     Economics – F, S

4. Reasoning in the Natural Sciences
__ (3) *CHEM 1035: General Chemistry – F, S, SI, SII
__ (1) *CHEM 1045: General Chemistry Laboratory – F, S, SI, SII
__ (3) *CHEM 1036: General Chemistry – F, S, SI, SII
__ (1) *CHEM 1046: General Chemistry Laboratory – S, SI, SII

5. Quantitative and Computational Thinking
__ (3, foundational) - MATH 1014: Precalc with Transcendental – F, S, SI, SII
__ (3, foundational) _____ - F, S, W, SI, SII
__ (3, advanced) _____ - F, S, W, SI, SII

6. Critique and Practice in Design and the Arts
__ (3, design) _____ - F, S, W, SI, SII
__ (3, arts) _____ - F, S, W, SI, SII

7. Critical Analysis of Identity and Equity in the United States
(may be double-counted with another core concept)
__ (3) _____ - F, S, W, SI, SII

Free Electives (number needed to complete 120 credits)
__ ( ) _____
__ ( ) _____
__ ( ) _____

Common Degree Core Requirements (27 credits)
__ (1) ALS 1234: CALS First Year Seminar – F
__ (3) ALCE 3634: Comm Ag & Life in Speaking – F, S,
     or COMM 2004: Public Speaking – F, S, SI, SII
__ (3) BIOL 1105: Principles of Biology – F, W, SI
__ (3) CSES 2444: Agronomic Crops - F
__ (3) *CSES/ENSC 3114 or GEOS 3614: Soils – F
__ (1) CSES/ENSC 3124 or GEOS 3624: Soils Laboratory - F
__ (3) CSES/HORT 3444: World Crops & Systems – S
__ (3) *CSES 4214: Soil Fertility and Management - F
__ (3) ENSC 1015: Found Environmental Sci- F
     or ENSC 1016: Found Environmental Sci - S
__ (4) *PPWS 4104: Plant Pathology - F

International Agriculture Option Requirements (33 credits)
__ (3) *AAEC 3204: Intl Agri Dvlp & Trad - S
__ (3) *AAEC 3324: Environment Sustain Dev Econ - S
__ (3) BIOL 1106: Principles of Biology – S, W, SII
__ (3) CSES 2244: Ag Global Food Sec and Health – F
__ (3) CSES 4354: Advanced Agronomic Crops - S
__ (3) CSES 4544: Forage Crop Ecology - S
__ (3) ENT 4254: Insect Pest Management – S
__ (3) *HORT 4764: Vegetable Crops – F
__ (3) PSCI 1004: Nations and Nationalities – F, S
__ (3) *PPWS 4604: Biological Invasions – F
__ (3) SOC 1004: Introductory Sociology – F, S, SI, SII
     or SOC 1014: Intro Social Anthrop - F

Foreign Language through 2000 level (12 credits)
__ (3) _____
__ (3) _____
__ (3) _____
__ (3) _____

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NOTE:

Total Hours Required: 120

*Some courses listed on the checksheet may have prerequisites; please consult the University Course Catalog or check with your advisor.

F (fall), S (spring), W (winter), SI (summer I), and SII (summer II) let students know the term the course is offered – when a course is offered is subject to change so always check the course catalog.

By the end of the academic year in which the student has attempted 60 credits (including transfer, advanced placement, advanced standing and credit by examination), "satisfactory progress" toward a B.S. degree in CSES will include:

1. Declaring an option within the CSS major
2. Passing the following:
   - At least 24 credits that apply to the Pathways of General Education
   - CHEM 1035 and 1036
   - ALS 1234, CSES/ENSC 3114 and CSES/ENSC 3124
   - 6 credits of Math

GPA Requirements:
- Overall GPA: 2.0 (each semester in order to be in good academic standing)
- In-major GPA: 2.0 (by the time the student graduates)
  - Includes classes in: CSES, ENSC, ENT, HORT, and PPWS

Language Study Requirement: A sequence of <u>two foreign language courses</u> is required unless two years of the same high school foreign language or 6 transfer credits of the same foreign language are completed. These credits **do not** count toward graduation requirements.