

College of Agriculture & Life Sciences – Bachelor of Science in Crop and Soil Environmental Science – *Crop & Soil Sciences (CSS) Major*
CROP GENETICS & BREEDING option; or students graduating calendar year 2018

Curriculum for Liberal Education (CLE) Requirements (26 credits)

- ___ CHEM 1035 (3) General Chemistry (CLE 4) - **B**
- ___ CHEM 1045 (1) General Chemistry Lab (CLE 4) - **B**
- ___ CHEM 1036 (3) General Chemistry (CLE 4) - **S**
- ___ CHEM 1046 (1) General Chemistry Lab (CLE 4) - **S**
- ___ MATH 1014 (3) PreCal Transcendental Functions (CLE 5) - **B**
- ___ STAT 2004 (3) Intro Statistics (CLE 5) - **B**
- ___ AAEC 1005 (3) Econ of Food & Fiber (CLE 3) - **B**
 or ECON 2005 Principles of Economics (CLE 3) - **B**
- ___ AAEC 1006 (3) Econ of Food & Fiber (CLE 3) - **B**
 or ECON 2006 Principles of Economics (CLE 3) - **B**
- ___ ENGL 1105 (3) First-Year Writing (CLE 1) - **B**
- ___ ENGL 1106 (3) First-Year Writing (CLE 1) - **B**

Additional Curriculum for Liberal Education (10-12 credits)

CLE Area 2 (Ideas, Cultural Trad.) – select from approved list

- ___ _____ (3) _____
- ___ _____ (3) _____

CLE Area 6 (Creativity/Aesthetic Exp.) – select from approved list

- ___ _____ (1 or 3) _____

CLE Area 7 (Global Context) – select from approved list

- ___ _____ (3) _____

Specific Course Requirements for CSS Major (30 credits)

- ___ ALCE 3634 (3) Communicating Ag in Speaking - **B**
 or COMM 2004 Public Speaking - **B**
- ___ ALCE 3624 (3) Communicating Ag in Writing - **B**
 or ENGL 3764 Technical Writing - **B**
- ___ BIOL 1105 (3) Principles of Biology - **F**
- ___ ALS 1234 (1) CALS First Year Seminar - **F**
- ___ CSES 2444 (3) Agronomic Crops - **F**
- ___ CSES 3114 (3) Soils - **F**
- ___ CSES 3124 (1) Soils Lab - **F**
- ___ CSES 4214 (3) Soil Fertility - **F**
- ___ CSES 4864 (3) Capstone: Crop & Soil Sciences - **F**
- ___ ENSC 1015 (3) Found Environ Science - **F**
- ___ PPWS 4104 (4) Plant Pathology - **F**

Crop Genetics & Breeding option, required courses (39 credits)

- ___ BIOL 1106 (3) Principles of Biology - **S**
- ___ BIOL 2004 (3) Genetics - **B**
- ___ BIOL 2104 (3) Cell and Molecular Biology - **B**
- ___ BIOL 2304 (3) Plant Biology - **B**
- ___ BIOL 3774 (3) Molecular Biology - **F**
- ___ BIOL 3104 (1) Cell Molecular Biology Lab-**B**
- ___ BCHM 3114(3) Biochem for Biotech - **F**
- ___ BCHM 4784(3) Biotech Applications - **S**
- ___ CHEM 2535,6 (3,3) Organic Chemistry – **F, S**
- ___ CHEM 2545,6 (1,1) Organic Chemistry Lab – **F, S**
- ___ CSES 4144 (3) Plant Breeding & Genetics – **S (2017)**
- ___ CSES 4344 (3) Crop Physiology & Ecology - **S**
- ___ MATH 1025(3) Elementary Calculus **B**

RESTRICTED ELECTIVES (choose 6 or 7 credits)

- ___ BIOL 2404 (3) Biotech in Global Soc - **S**
- ___ CSES 3644 (3) Plant for Envir Rest - **F**
- ___ PPWS 2104 (3) Domesticating the Gene - **W**
- ___ CSES 4354 (3) Advanced Agronomic Crops-**S**
- ___ PPWS 4754 (3) Weed Science: Prin & Prac - **V**

Only FREE ELECTIVE courses may be taken P/F.

FREE ELECTIVES (minimum 9 credits toward graduation)

- ___ _____ () _____
- ___ _____ () _____

TOTAL CREDITS REQUIRED FOR GRADUATION = 120
with required minimum 2.0 overall and in-major GPA

KEY:
(#) - # of credits earned for that class
B – class is offered both fall and spring semester
F – class is offered only fall semester
S – class is offered only spring semester
V – class is offered at variable times
W – class is offered winter session

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ELIGIBILITY FOR CONTINUED ENROLLMENT

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. Having a grade point average of at least 2.0, overall and in major (includes classes in CSES, ENSC, Ent, Hort, and PPWS)
2. Declaring an Option within the CSS Major
3. Passing the following:
 - At least 24 credits that apply to the Curriculum for Liberal Education
 - Chem 1035 and 1036
 - ALS 1234, CSES 3114 and 3124
 - 6 credits of Math and/or Stat

Note: A sequence of two foreign language courses 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.

Note: Some courses on this checksheet may have prerequisites. Please check the Catalog.