Plant and Environmental Sciences Curriculum Worksheet (2025-2026)

Agronomy Concentration

This worksheet outlines the required courses for this major. Students are expected to be familiar with general education and major-specific requirements for their intended major as outlined in the Clemson Undergraduate Catalog. Additionally, students must satisfy any Tri-County prerequisites for the courses below. To complete Bridge program requirements (courses listed in **BOLD**), students must earn 30 credits at Tri-County and a 2.5 GPA during their Bridge year (fall, spring, and optional summer, if needed). Students should consult the backside of this worksheet, the Undergraduate Catalog, and the Bridge Academic Guide for Clemson course equivalencies and alternative courses if students wish to enroll in other courses or if any of the following requirements have been met through dual enrollment or AP/IB credit. Advising worksheets are supplemental planning aids and are for informational purposes only.

SUGGESTED CORE COURSE SEQUENCE

Fall Semester

ENG 103 or ENG 101

Oral Comm Req. [1]

CHM 110[3]

Arts & Hum. (Non-Lit.) Req.[1]

MAT 130 or MAT 140

Total Hours: 16 – 17

Advising Notes:

Spring Semester

Arts & Hum. (Lit.) Req.[1,2] or **ENG 102**

Global Challenges Req. [1]

CHM 111[3]

Social Science Req.[1]

MAT 120

Total Hours: 16

Advising Notes:

Additional Course Options

ECO 211	Advanced Chem [1]
BIO 101	BIO 102

[1] See the reverse side of this worksheet for suggested courses to fulfill this requirement.
[2] If ENG 101 + 102 is taken for the English composition requirement, ENG 102 should be taken instead of the Arts & Humanities (Lit.) req.
[3] Students are strongly encouraged to complete Chemistry sequence in the first year to remain on track for degree completion.

Any student with dual enrollment or AP/IB credit for the courses mentioned above should consult the Clemson Undergraduate Catalog & Bridge Student Academic and Advising Guide for additional coursework that fulfills major and Bridge program requirements.

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Agronomy Concentration

Advising worksheets are supplemental planning aids. While every effort is made to ensure accuracy, the student's responsibility is to understand and meet degree requirements in the applicable Undergraduate Catalog. Contact Clemson advisor **Linda Tindal** (ltindal@clemson.edu) for additional information about this worksheet.

General Education Requirements	Tri-County Courses	Clemson Equivalent Courses
Communication (6 total credits): *Developing and expressing ideas.*		
A. English Composition: 3 – 6 credits	**ENG 103 or ENG 101** + **ENG 102**	ENGL 1030 or ENGL 1999 + 1030
B. Oral Communication: 3 credits	SPC 200 or SPC 205	COMM 1500 or COMM 2500
	Students pursuing Army ROTC may satisfy the oral communication requirement by completing MLS 107 + MLS 108.	
Ways of Knowing (19 total credits): *Employing intellectual inquiry.*		
C. Arts & Hum. (Lit.): 3 credits	*Select one course from the following:* ENG 201, ENG 202, ENG 205, ENG 206, ENG 208, ENG 209, or ENG 220	*Select one course from the following:* ENGL 2140, ENGL 2130, ENGL 2120, or ENGL 2150
D. Arts & Hum. (Non-Lit.): 3 credits	*Select one course from the following:* ART 101, ART 107, HSS 205, MUS 105, PHI 101, PHI 105, PHI 110*, REL 101, REL 201, or THE 101	*Select one course from the following:* ART 2100, AAH 1010, STS 1010, MUSC 2100, PHIL 1010, PHIL 1020, PHIL 1030, REL 1010, REL 1020, or THEA 1010
	**PHI 110 is recommended*	
E. Mathematics: 6 – 7 credits	**MAT 130** or MAT 140 MAT 120	MATH 1020 or MATH 1060 STAT 2300
F. Natural Science w/lab: 16 credits	**CHM 110* & CHM 111*** **BIO 101** or **BIO 113*** **BIO 102** or **BIO 114***	CH 1010/1011* & CH 1020/1021* BIOL 1030/1050 or BIOL 1100/1101* BIOL 1040/1060 or BIOL 1110/1111*
	**Students are encouraged to prioritize the Chemistry sequence to remain on track for degree completion, these courses are prerequisites to major specific coursework upon transition.*	
G. Social Sciences: 3 credits	*Select one course from the following:* ANT 101, HIS 101, HIS 102, HIS 201*, HIS 202, PSC 201*, PSY 201, SOC 101, or SOC 205	*Select one course from the following:* ANTH 1010, HIST 1720, HIST 1730, HIST 1010, HIST 1020, POSC 1010, PSYC 2010, SOC 2010, or SOC 2020
	**HIS 201 or PSC 201 are strongly recommended as they satisfy the REACH Act requirement for graduation.*	
Global Challenges (6 total credits): *Exploring global, local, regional, national, international, virtual, or philosophical challenges*.		
H. Global Challenges: 3 credits	*Select one course from the following:* BIO 209, GEO 102, HIS 122, PSC 220, or REL 201	*Select one course from the following:* ENSP 2000 + ENSP 2999, GEOG 1030, HIST 1220, POSC 1020, or REL 2010
	Students should complete 3 credits during Bridge. At Clemson, an additional 3 credits must be completed at the 3000 level or higher. Courses must be from two different fields unless interdisciplinary; transfer credit does not satisfy the upper-level requirement.	
Major Specific Requirements	**Tri-County Courses**	**Clemson Equivalent Courses**
I. Economics: 3 credits	ECO 211	ECON 2110
J. Advanced Chemistry: 4 credits	CHM 211	CH 2230/2270

Any student with dual enrollment or AP/IB credit for the courses mentioned above should consult the Clemson Undergraduate Catalog & Bridge Student Academic and Advising Guide for additional coursework that fulfills major and Bridge program requirements.

CAFLS Engagement Opportunities

What co- and/or extracurricular activities should I get involved in at Clemson?
Be sure to check out all the Clubs in the College of Agriculture, Forestry & Life Sciences at: https://www.clemson.edu/cafls/student-experience/student-orgs/index.html

Important Events to Mark your Calendar:
August 19, 3-5pm | Kickoff CAFLS is an opportunity for you to visit with more than 30 CAFLS student clubs and organizations to start getting involved! Join us in the Ag Quad (outside Poole).

September 18 | CAFLS Family Weekend Social at the '55 Exchange! Join us at the '55, a student-run business enterprise that designs, manufactures, sells, and serves Clemson's world-famous ice cream, shakes, coffee, and more!

September 30, 1-5pm | CAFLS Career Fair at the Madren Center students can come to network with 90+ employers hiring CAFLS students for internships, full-time jobs and graduate programs!

November 14 | CAFLS Tailgate with alumni, students, parents and friends at the Fike Recreation Center. Doors open at 4 hours prior to kick-off. Tailgate is free to attend

Are there any co- and/or extracurricular activities I should get involved in at Tri-County?
Consider talking with campus partners. TCTC and the Bridge Office have great opportunities related to career services, tutoring, and various clubs. Start some of those conversations early so that you are well informed when you get to Clemson.

What opportunities should I be looking into, that will look good for my resume?
Beyond getting a strong academic foundation your first year, you can seek opportunities to begin gaining experiences too! Joining a major-specific club will help tremendously with making strong connections for volunteer, part-time, and internship positions. Many companies come to the clubs to connect with student leaders!

Should I prepare for higher education (a Master's or Doctoral degree) in my field?
It depends on your career goals. All majors within CAFLS offer pathways to graduate study; however, for most fields, an advanced degree is not required for entry-level careers. Many students choose to enter the workforce right after graduation, while others pursue graduate school to specialize further, take on leadership roles, or enter research-focused careers. Keeping your options open and exploring your interests early will help you decide if additional education is the right path for you.

Are there any experiential learning opportunities I can participate in when I get to Clemson?
Yes—experiential learning is a core focus of CAFLS, and students have many opportunities to gain hands-on experience outside the classroom. Through CAFLS Advantage, you can explore:

- Study abroad and study away programs
- Undergraduate research opportunities
- Leadership development experiences
- Internships and field-based learning

Learn more here:
https://www.clemson.edu/cafls/advantage/

These experiences help you apply what you've learned, build practical skills, and prepare for your future career.

Any student with dual enrollment or AP/IB credit for the courses mentioned above should consult the Clemson Undergraduate Catalog & Bridge Student Academic and Advising Guide for additional coursework that fulfills major and Bridge program requirements.