



Plant and Environmental Sciences Curriculum Worksheet (2024-2025)

Agricultural Biotechnology 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, 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 110³

PHI 110¹

MAT 130 or MAT 140

Total Hours: 16 – 17

Advising Notes:

Spring Semester

Arts & Hum. (Lit.) Req. ^{1,2} or ENG 102

ECO 211

CHM 111

Global Challenge Req. ¹

MAT 120

Total Hours: 17 – 18

Advising Notes:

Additional Course Options

CHM 211

Social Science Req. ¹

Oral Comm Req. ¹

¹ See reverse side of this worksheet for suggested courses to fulfill this requirement

² If student places into ENG 103 for Fall, A&H Lit Req should be taken in Spring.

³ Students are strongly encouraged to complete Chemistry sequence in the first year to remain on track for degree completion.



Plant and Environmental Sciences Curriculum Worksheet (2024-2025)

Agricultural Biotechnology Concentration

CHM 211

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 adviser **Linda Tindal** (ltindal@clemson.edu) for additional information about this worksheet.

General Education Requirements	Tri-County Courses	Clemson Equivalent Courses
Communication (6 total credits): <i>Developing and expressing ideas.</i>		
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
Ways of Knowing (19 total credits): <i>Employing intellectual inquiry.</i>		
C. Arts & Hum. (Lit.): 3 credits	<i>Select one course from the following:</i> ENG 201, ENG 202, ENG 205, ENG 206, ENG 208, ENG 209, or ENG 220	<i>Select one course from the following:</i> ENGL 2140, ENGL 2130, ENGL 2120, or ENGL 2150
D. Arts & Hum. (Non-Lit.): 3 credits	<i>Select one course from the following:</i> ART 101, ART 107, HSS 205, MUS 105, PHI 101, PHI 105, PHI 110*, REL 101, REL 201, or THE 101 <i>*PHI 110 is recommended</i>	<i>Select one course from the following:</i> ART 2100, AAH 1010, STS 1010, MUSC 2100, PHIL 1010, PHIL 1020, PHIL 1030, REL 1010, REL 1020, or THEA 1010
E. Mathematics: 6 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* <i>Students are strongly encouraged to prioritize Chemistry sequence in the first year to remain on track for degree completion. * BIO 113 and 114 are recommended.</i>	CH 1010 & CH 1020 BIOL 1030/1050 or BIOL 1100 BIOL 1040/1060 or BIOL 1110
G. Social Sciences: 3 credits	<i>Select one course from the following:</i> ANT 101, HIS 101, HIS 102, HIS 201* , HIS 202, PSC 201* , PSY 201, SOC 101, or SOC 205 <i>*HIS 201 or PSC 201 strongly recommended to satisfy REACH graduation requirement</i>	<i>Select one course from the following:</i> ANTH 2010, HIST 1720, HIST 1730, HIST 1010 , HIST 1020, POSC 1010 , PSYC 2010, SOC 2010, or SOC 2020
Global Challenges (6 total credits): <i>Exploring global, local, regional, national, international, virtual, or philosophical challenges.</i>		
H. Global Challenges	<i>Select one course from the following:</i> BIO 209, GEO 102, HIS 122, or PSC 220 <i>Students will take a minimum of 6 credit hours, selected from two different fields (unless interdisciplinary). At least 3 hours must be taken at the 3000-level or above once they transition to Clemson.</i>	<i>Select one course from the following:</i> ENSP 2000 + ENSP 2999, GEOG 1030, HIST 1220, or POSC 1020
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.