



Plant and Environmental Sciences Curriculum Worksheet (2022-2023)

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 101 or ENG 103

BIO 113¹ or BIO 101

CHM 110

PHI 110

MAT 130 or MAT 140

Total Hours: 17 – 19

Advising Notes:

Spring Semester

ENG 102 or SPC 200 or SPC 205²

BIO 114¹ or BIO 102

CHM 111

ECO 211

MAT 120

Total Hours: 17 – 18

Advising Notes:

Additional Course Options

Social Science Req.³

Arts & Hum. (Lit.) Req.

¹ BIO 113 and BIO 114 strongly recommended.

² If ENG 101 + 102 is taken for English Composition requirement, ENG 102 should be taken instead of SPC 200 or SPC 205.

³ HIS 201 or PSC 201 strongly recommended for one of the courses as they satisfy Social Science requirement as well as the REACH Act for graduation. Note, Economics cannot be taken to satisfy this requirement.



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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>Will complete course at Clemson.</i>	
D. Arts & Hum. (Non-Lit.): 3 credits	PHI 110	PHIL 1030
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	BIO 113* or BIO 101 BIO 114* or BIO 102 CHM 110 CHM 111	BIOL 1100 or BIOL 1030/1050 BIOL 1110 or BIOL 1040/1060 CH 1010 CH 1020
	<i>*BIO 113/114 sequence is strongly recommended.</i>	
G. Social Sciences: 3 credits	<i>Will complete course at Clemson.</i>	
Global Challenges (6 total credits): <i>Exploring global, local, regional, national, international, virtual, or philosophical challenges.</i>		
H. Global Challenges: 6 credits	<i>Students will take a minimum of 6 credit hours, selected from two different fields (unless interdisciplinary), and at least three hours at the 3000-level or above.</i>	
General Education Requirements	Tri-County Courses	Clemson Equivalent Courses
I. Economics: 3 credits	ECO 211	ECON 2110

Note: Students will enroll in PES 1040 at Clemson.