

AGRICULTURE- PLANT AND SOIL SCIENCE

Associate of Science degree



Program and Career Description:

The Plant and Soil Science emphasis is a two-year program for students planning to complete a bachelor's degree in Plant and Soil Science, Turf Grass, Landscape Design, or Crop Science. Students pursuing careers in agronomy sales, golf course management, landscape design, agronomy consulting, and environmental science should consider this degree.

How is the Job Market?

Check out www.jobs4tn.gov website for information about job descriptions, education requirements and abilities, and supply and demand for these careers. For additional information from a national perspective, go to Bureau of Labor Statistics, U. S. Department of Labor website at www.bls.gov. Visit the [Occupational Outlook Handbook](#) on this website. Salaries are not guaranteed.

Transfer Options

This program is a Tennessee Transfer Pathway (TTP) major. A student who completes the associates degree in this major is guaranteed that all required community college courses will be accepted in this major at the transfer institution. To see which four-year institutions offer this TTP major and guarantees a seamless transfer, visit the Tennessee Transfer Pathway website at www.tntransferpathway.org.

Transfer agreements exist between other private and non-TN public institutions. These agreements are available at www.columbiastate.edu/transfer-information.

Requirements for Graduation include:

- earning 25% of total program credits in residence at Columbia State.
- earn a cumulative GPA of 2.0 or higher.
- taking the Exit Exam.

For more information contact:

Paige Smith at
psmith39@columbiastate.edu or 931.540.2723
or
Science, Technology & Math Division office at
931.540.2710 or stm@columbiastate.edu

Columbia State Community College, a Tennessee Board of Regents institution, is an equal opportunity, affirmative action educational institution.
CoSCC- AGRI-PSS-02-01-20



Student ID: _____
 Student Name: _____
 Adviser Name: _____

Catalog: 2020-2021 Catalog and Student Handbook
 Program: Agriculture, Plant and Soil Science, A.S.
 Minimum Credits Required: _____

Agriculture, Plant and Soil Science, A.S.

Major in Tennessee Transfer Pathway with Emphasis in Agriculture - Plant and Soil Science (A.S.)

Sample Academic Plan - Total Credit Hours: 61

Program Requirements - Students may be required to take additional Learning Support courses. Courses cannot be use more than once to satisfy program requirements. *Agriculture courses have very limited offerings and should be considered first registration.*

First Year - Fall Semester - Credit Hours: 15

Course Name	Credits:	Term Taken	Grade	Gen Ed
ENGL 1010 - English Composition I	Credits: 3			
BIOL 1110 - General Biology I (or Botany I when available)**	Credits: 4			
MATH 1530 - Introductory Statistics	Credits: 3			
AGRI 1020 - Introduction to Animal Science	Credits: 4			
COLS 101 - Columbia State College Success	Credits: 1			

First Year - Spring Semester - Credit Hours: 16

Course Name	Credits:	Term Taken	Grade	Gen Ed
ENGL 1020 - English Composition II	Credits: 3			
BIOL 1120 - General Biology II (or Botany II when available)**	Credits: 4			
AGRI 1030 - Introduction to Plant Science	Credits: 3			
¹ General Education - History Requirement ***	Credits: 3			
ECON 2100 - Principles of Macroeconomics * OR ECON 2200 Principles of Microeconomics *	Credits: 3			

Second Year - Fall Semester - Credit Hours: 17

Course Name	Credits:	Term Taken	Grade	Gen Ed
CHEM 1110 - General Chemistry I	Credits: 4			
AGRI 1050 - Introduction to Soil Science	Credits: 4			
¹ General Education - History Requirement ***	Credits: 3			
² General Education - Humanities/Fine Arts Requirement	Credits: 3			
² General Education - Literature Requirement	Credits: 3			

Second Year - Spring Semester - Total Credit Hours: 13

Course Name	Credits:	Term Taken	Grade	Gen Ed
CHEM 1120 - General Chemistry II	Credits: 4			
COMM 2025 - Fundamentals of Communication OR COMM 2055 Argumentation and Debate	Credits: 3			
² General Education - Humanities/Fine Arts Requirement	Credits: 3			
⁵ General Education - Social/Behavioral Science Requirement *	Credits: 3			

General Education Requirements (Only When Option Noted Above)

¹**History Requirement** - Select from HIST 2010, HIST 2020, HIST 2030, HIST 2310, HIST 2320.

²**Humanities/Fine Arts Requirement** - Select from ART 1035, ART 2000, ART 2020, ENGL 2160, ENGL 2860, HUM 1010, HUM 1020, MUS 1030, PHIL 1030, PHIL 1040, PHIL 2200, THEA 1030. **Literature Options:** ENGL 2055, ENGL 2130, ENGL 2235, ENGL 2310, ENGL 2320.

³**Mathematics Requirement** - Select from MATH 1010, MATH 1130, MATH 1530, MATH 1630, MATH 1710, MATH 1720, MATH 1730, MATH 1830, MATH 1910.

⁴**Natural Sciences Requirement** - Select from ASTR 1030, BIOL 1010, BIOL 1020, BIOL 1080 (*must pair with non-biology course except for BIOL 2010 or BIOL 2020*), BIOL 1110, BIOL 1120, BIOL 2010, BIOL 2020, CHEM 1110, CHEM 1120, ESCI 1010, ESCI 1020, PHYS 2010, PHYS 2020, PHYS 2110, PHYS 2120, PSCI 1030.

⁵**Social/Behavioral Science Requirement** - Select from ANTH 1230, ANTH 1430, COMM 1010, ECON 2100, ECON 2200, GEOG 2010, PHED 2120, POLS 1010, POLS 1030, POLS 2025, POLS 2035, PSYC 1030, PSYC 2130, SOCI 1010, SOCI 1040, SOCI 2010.

Note(s):

*UT Knoxville requires ECON 201, "Intro to Economics" and AREC 201, "Global Food Fiber Systems." Other institutions may require social and behavioral sciences coursework from two (2) distinct areas so it is the responsibility of the student to verify which course(s) will be required.

**Botany I and II may be accepted in lieu of Biology I and II when these courses are available, however, the Natural Science requirement must be filled by a course sequence. MTSU and UT Knoxville only accepts the BIOL 1110/1120 sequence for the Natural Sciences requirement: however, Botany courses may transfer for elective requirements.

***Students planning to transfer to UT Martin should review History general education requirements, which are included under Humanities and Fine Arts.

NOTE: Students should refer to the desired transfer institution to verify the requirements of the major and concentration.

Check www.tntransferpathway.org to see which four-year institutions offer this TTP major. Students should meet with their assigned advisor to determine courses required for the university chosen.

Students and advisors should run a degree audit from myChargerNet each semester to confirm classes are applicable to the program of study.

For more information contact:

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