

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. Below are a few examples of career and salary information.

Career	Entry-Level Education	Entry-Level Pay	Median Pay	Experienced Pay
Landscaping and Groundskeeping Worker	No minimum education requirement	\$19,670	\$25,090	\$29,660
Landscape Architect	Bachelor's degree	\$55,610	\$84,770	\$98,920
Forester	Bachelor's degree	\$39,390	\$52,120	\$61,460
Environmental Science and Protection Technician	Bachelor's degree	\$30,650	\$44,740	\$52,600
Soil and Water Conservationist	Bachelor's degree	\$44,300	\$71,030	\$80,110

Career and salary information taken from JOBS4TN.GOV. Check out this website for additional 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 on the internet 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.

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



AGRICULTURE - PLANT AND SOIL SCIENCE

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

Program Requirements

Students may be required to take additional Learning Support courses.

Communications Requirement

COMM 2025 or COMM 2055

ENGL 1010, 1020

History Requirement (Take 2 courses)

HIST 2010, 2020, 2030, 2310, 2320

Humanities/Fine Arts (Take 3 courses -- one must be a literature course)

ART 1035, 2000, 2020

ENGL 2160, 2860

HUM 1010, 1020

MUS 1030

PHIL 1030, 1040, 2200

THEA 1030

Literature Options: ENGL 2055, 2130, 2235, 2310, 2320

Natural Sciences Requirement

BIOL 1110, 1120

Mathematics Requirement

MATH 1530

Social/Behavioral Sciences (Take 2 courses)

ECON 2100 or 2200 (required)

Additional course choices include:

ANTH 1230, 1430

ECON 2100, 2200 (Cannot be used more than once to satisfy program requirements)

GEOG 2010

MCOM 1110

PHED 2120

POLS 1010, 1030, 2025, 2035

PSYC 1030, 2130

SOCI 1010, 1040, 2010

Major Required Courses

AGRI 1020, 1030, 1050

CHEM 1110, 1120

COLS 101

*Agriculture courses have very limited offerings should be considered first in registration.

If you have completed TN eCampus courses, run a degree audit from the student tab in myChargerNet to determine how these courses apply to this program.

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.

Sample Academic Plan

First Year – Fall Semester

___ ENGL 1010	English Composition I	3
___ BIOL 1110	General Biology I	4
___ MATH 1530	Introductory Statistics	3
___ AGRI 1020	Introduction to Animal Science*	4
___ COLS 101	Columbia State College Success	1
		15

First Year – Spring Semester

___ ENGL 1020	English Composition II	3
___ BIOL 1120	General Biology II	4
___ ECON 2100	Principles of Macroeconomics or	
___ ECON 2200	Principles of Microeconomics	3
___ History Requirement		3
___ AGRI 1030	Introduction to Plant Science*	3
		16

Second Year – Fall Semester

___ Literature Requirement		3
___ CHEM 1110	General Chemistry I	4
___ Humanities/Fine Arts		3
___ AGRI 1050	Introduction to Soil Science*	4
		14

Second Year – Spring Semester

___ CHEM 1120	General Chemistry II	4
___ Social/Behavioral Science		3
___ COMM 2025	Fundamentals of Communication or	
___ COMM 2055	Argumentation and Debate	3
___ History Requirement		3
___ Humanities/Fine Arts		3
		16

TOTAL CREDIT HOURS 61

At some universities, foreign language may be required in certain programs that lead to the Bachelor of Science Degree. Complete information regarding foreign language requirements at each university may be found on the transfer and articulation web sites of the Tennessee Board of Regents and the University of Tennessee System. Community college students are encouraged to be familiar with foreign language requirements at the universities and, if applicable, complete the requirements before transferring.

For more information contact:

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or

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