

# 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	Beginning Salary with BS degree	Experienced Salary Median
Agronomy Sales	\$38,160	\$59,490
Turf Grass Management	\$43,870	\$46,430
Environmental Science	\$39,470	\$56,190

Career and salary information taken from [www.bls.gov](http://www.bls.gov) and [jobs4tn.gov](http://jobs4tn.gov). Check out this web site for additional information about education requirements and preferred work styles and abilities for these careers. 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](http://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](http://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

ENGL 1010, 1020  
SPCH 1010 or SPCH 1030

### History Requirement (Take 2 courses)

HIST 1110, 1120, 2010, 2020, 2030

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

ART 1030  
ARTH 2010, 2020  
ENGL 2015, 2440  
HUM 1130, 1131  
MUS 1030  
PHIL 1030, 2030, 2033  
THEA 1030  
Literature Options: ENGL 2130, 2230, 2310, 2320, 2920

### Natural Sciences Requirement

BIOL 1110, 1120

### Mathematics Requirement

MATH 1530

### Social/Behavioral Sciences (Take 2 courses)

ECON 2010 or 2020 (required)  
Additional course choices include:  
ANTH 1200, 1300  
COMM 1010  
ECON 2010, 2020 (Cannot be used more than once to satisfy program requirements)  
GEOG 2010  
PHED 2120  
POL 201  
POLS 1030, 1501, 2010  
PSYC 1030, 2130  
SOC 1010, 1020, 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.
- cumulative GPA must be 2.0.
- taking the Exit Exam.

## Sample Academic Plan

### First Year – Fall Semester

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

### First Year – Spring Semester

___ ENGL 1020	Composition II	3
___ BIOL 1120	General Biology II	4
___ ECON 2010	Macroeconomics <b>or</b>	
___ ECON 2020	Microeconomics	3
___ History Requirement		3
___ AGRI 1030	Introduction to Plant Science*	3
		<b>16</b>

### Second Year – Fall Semester

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

### Second Year – Spring Semester

___ CHEM 1120	General Chemistry II	4
___ Social/Behavioral Science		3
___ SPCH 1010	Fundamentals of Speech Communication <b>or</b>	
___ SPCH 1030	Argumentation and Debate	3
___ History Requirement		3
___ Humanities/Fine Arts		3
		<b>16</b>

**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:

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