

BASIC DIVERSIFIED AGRICULTURE, CERTIFICATE - BAC7

This certificate provides students with technical knowledge in animal science, farm maintenance, welding, farm soil conditions, environmental and natural resources related to the Agriculture industry. This is the foundation program to future pathways in the Agriculture curricula.

Requirements

Courses	Course Title	Credit Hours
AGR 101	Technology and Professionalism in Agriculture	2
AGR 203	Introduction to Animal Science	4
AGR 206	Basic Farm Maintenance	4
BIO 101 or HRT 110	Biological Science I Plant Form and Function	4
CWE 115	Cooperative Work Experience I	5
ENG 165 or ENG 101	Professional Communications English Composition I	3
FOR 104	Introduction to Environmental and Natural Resources	1
HRT 125	Soils	4
MAT 170	Algebra, Geometry and Trigonometry I	3
Subtotal		30
Total Hours		30

Graduation Plan

Fall Start

Course	Title	Hours
First Year		
Fall Semester		
AGR 206	Basic Farm Maintenance	4
BIO 101	Biological Science I	4
FOR 104	Introduction to Environmental and Natural Resources	1
HRT 125	Soils	4
	Hours	13

Spring Semester

AGR 101	Technology and Professionalism in Agriculture	2
AGR 203	Introduction to Animal Science	4
ENG 165	Professional Communications	3
MAT 170	Algebra, Geometry and Trigonometry I	3
	Hours	12

Summer Semester

CWE 115	Cooperative Work Experience I	5
	Hours	5
	Total Hours	30

Spring Start

Course	Title	Hours
First Year		
Spring Semester		
AGR 101	Technology and Professionalism in Agriculture	2
AGR 203	Introduction to Animal Science	4
ENG 165 or ENG 101	Professional Communications or English Composition I	3
MAT 170	Algebra, Geometry and Trigonometry I	3
	Hours	12

Summer Semester

CWE 115	Cooperative Work Experience I	5
	Hours	5

Fall Semester

AGR 206	Basic Farm Maintenance	4
BIO 101 or HRT 110	Biological Science I or Plant Form and Function	4
FOR 104	Introduction to Environmental and Natural Resources	1
HRT 125	Soils	4
	Hours	13
	Total Hours	30

Application and Advising

If you are ready to start your education, there are a few simple steps involved in enrolling at Piedmont Technical College.

Get Started Today (<https://www.ptc.edu/admissions/new-students/>)

Advising Information

The following information provides a guide for advisors who are helping students enroll in this program.

Program Notes

The majority of this program will be offered at the Saluda County Campus.

The best time to start this program is fall. Advise for general education or developmental courses if students start any other semester. If student starts in the fall, developmental or transitional classes can be scheduled around program classes, and program classes should be taken as they appear in the semester-by-semester graduation plan.

Students considering transfer to Clemson may pursue the A.A.S. in agriculture or horticulture and should consult with the department head

about taking additional science (biology and chemistry) and higher-level math coursework.

Students planning to transfer to Abraham Baldwin Agricultural College (ABAC) may wish to take an additional elective in business.

Program Student Learning Outcomes

Purpose Statement

This certificate provides students with technical knowledge in animal science, farm maintenance, welding, farm soil conditions, environmental and natural resources related to the agriculture industry. This is the foundation program to future pathways in the agriculture curricula.

Student Learning Outcomes

1. Safely operate and maintain agricultural equipment.
2. Manage soils for optimal crop production.
3. Grow agricultural crops.
4. Use crop protection principles to control agricultural pests.
5. Demonstrate appropriate livestock handling procedures.
6. Market agricultural commodities.