



ADVANCED PLANT & SOIL SCIENCE

Mrs. Diegel- Calallen High School

Course Description: This course is designed to prepare students for careers in the food and fiber industry. Students will learn, reinforce, apply, and transfer their knowledge in a scientific setting where they will learn about the natural world. Investigations, laboratory practices, and field exercises will be used to develop an understanding of current plant and soil science. This course satisfies a science credit requirement for students in the Foundation High School Program. IBC Offered.

Semester 1: August 13 – December 19, 2025

1st Quarter Topics: Career Development, Scientific Method, Safety

2nd Quarter Topics: Conservation, Disposal, Soil Types

Semester 2: January 5 – May 29, 2026

3rd Quarter Topics: Plant Growth Cycles, Ecosystems, Conservation

4th Quarter Topics: Land Management and Conservation

*Minor adjustments to the schedule may be made based on campus schedules and student needs.