Want to start using CASE in your agricultural education program?

Attend a CASE Institute!

- CASE Institutes are intense professional development led by practicing CASE teachers.
- The CASE curriculum is free to those who successfully complete a CASE Institute.
- Institutes are hosted by affiliated universities and colleges across the United States each summer.
- CASE teachers receive complimentary updates to the curriculum and many other services throughout their careers.
- For a complete listing of upcoming CASE Institutes and certification information, please visit www.case4learning.org and click on “Professional Development.”
“Career and Technical Education students should follow a program of study made up of a purposeful sequence of rigorous courses to build student knowledge and skills.”
– recommendation in Perkins reauthorization

We have carefully designed a program of study pathway for plant science that scaffolds student learning within courses and throughout the pathway.

**Principles of Agricultural Science — Plant**

All CASE pathways begin with the *Introduction to Agriculture, Food, and Natural Resources* course, then branch into four areas which focus on animals, plants, agricultural engineering, and natural resources.

The Plant Systems pathway includes the foundation course *Principles of Agricultural Science — Plant* and progresses to a specialization course in either *Animal and Plant Biotechnology* or *Food Science and Safety*. All CASE pathways culminate with the capstone course *Agricultural Research and Development*.

**Areas of study include:**
- Soils
- Anatomy and Physiology
- Taxonomy
- Growing Environment
- Reproduction
- Pest and Disease Management
- Crop Production and Marketing

CASE provides teachers hands-on professional development to facilitate instruction.

We are grateful to CF Industries for sponsoring the CASE Principles of Agricultural Science — Plant course as a special project through the National FFA Foundation.