

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."

CASE



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**ENVIRONMENTAL
SCIENCE ISSUES**



CASE

*Curriculum for Agricultural
Science Education*

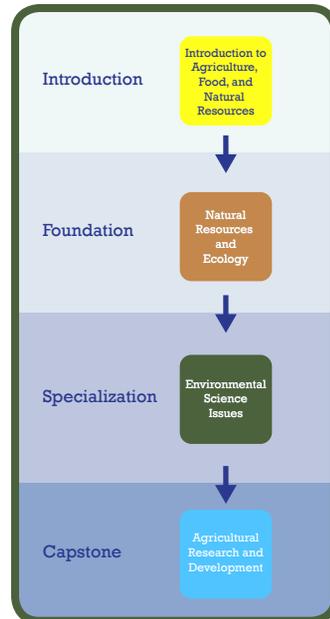
CASE PROGRAM OF STUDY

“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 carefully designed a program of study pathway for natural resources which scaffolds student learning within the course and throughout the pathway.



Environmental Science Issues



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 Natural Resources pathway includes the foundation course *Natural Resources and Ecology* and progresses to the specialization course *Environmental Science Issues*. All CASE pathways culminate with the capstone course *Agricultural Research and Development*.

Environmental Science Issues

Environmental Science Issues course is a specialization-level course that enables students to research, analyze, and propose sustainable solutions to environmental issues. Students are immersed in inquiry-based exercises filled with activities, projects, and problems, which develop data acquisition and analysis techniques, critical thinking and evaluation abilities related to environmental issues, as well as independent research and problem solving skills.

Environmental Science Issues

Areas of study include:

- Issue Analysis
- Biodiversity
- Energy, Technology, and Society
- Agriculture and the Environment
- Pollution Sources and Solutions
- Independent Research Project



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

We are grateful to **Growth Energy** for sponsoring the CASE *Environmental Science Issues* course as a special project through the **National FFA Foundation**.

