



INTRODUCTION to AG, FOOD, & NATURAL RESOURCES

Course Description

Students are introduced to agricultural career opportunities as they develop a personal plan of study they may pursue. This introductory course incorporates science, mathematics, reading, and writing components into the context of agriculture while building foundational skills and knowledge needed for future agricultural courses.

Activities scaffold throughout the course while improving students' employability skills through practical applications. Students explore career and post-secondary opportunities in multiple agricultural pathways.



Equipping Teachers

- Introductory level
- Full year course
- Inquiry and project based instructional practices
- CASE Institute professional development

Engaging Students

- ✓ Solve problems, research, and analyze data
- ✓ Practice teamwork and communication
- ✓ Investigate and experiment
- ✓ Plan, design, construct, and implement projects
- ✓ Hands-on agricultural and STEM experiences
- ✓ Career exploration opportunities

Instructional Units

- Circles of Education
- Communicating Today
- Science of Agriculture
- Natural Resources
- Plants and Animals
- Ag Power and Technology
- Looking Ahead

Flexibility & Adaptability

CASE provides a comprehensive professional development experience, in addition to a work-life balance so teachers can best educate their students. Course work is adaptable and customizable based on teacher preference to fit all geographies and communities.

“ I teach CASE AFNR to my freshman and it is so beneficial. I can set up a class in a rhythm so they understand a schedule. It provides stability for the kids and they know what to expect. It ties in science and math that they don't expect! I really enjoy it for my underclassmen! ”

- Grace Allen, Indiana



scan or visit case4learning.org



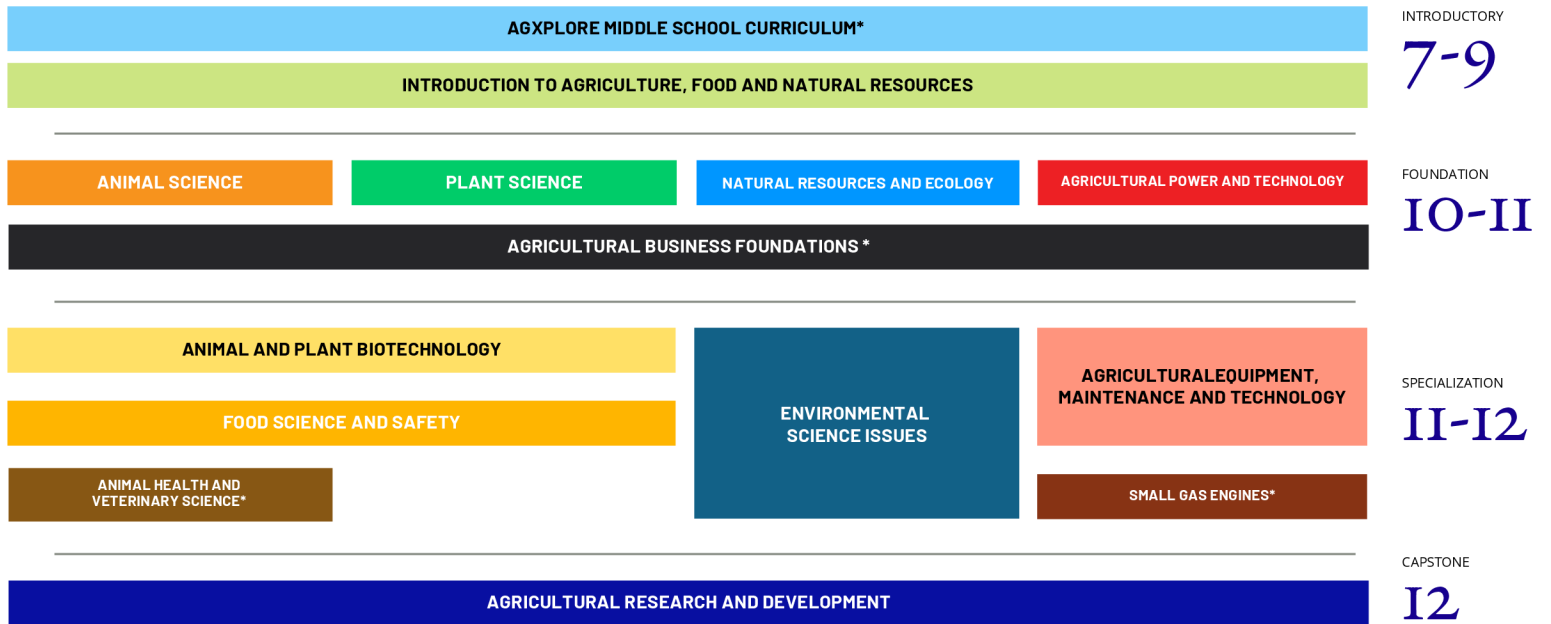
Equipping Teachers Engaging Students



Purposeful Curriculum

CASE has sequenced courses at four levels that enhance the delivery of agricultural education through inquiry-based learning and technical skills.

Courses and Instruction Levels



Mission

To design industry-leading, inquiry-based curriculum and teacher education to create lifelong learners and prepare students for the future of agriculture.

Standards Aligned

CASE develops curriculum with industry feedback and aligns courses to National Agriculture, Food, & Natural Resources and Career & Technical Education standards.

Professional Development and Lifetime Certification

CASE 4 Learning enhances agricultural education with inquiry and project-based learning to prepare the next generation of the agricultural workforce through teacher certification and professional development.

CASE Institutes

Professional development events preparing teachers to implement full-year CASE courses. Institutes provide teachers the content and skills needed to use CASE curricula in their classroom. CASE Institutes range from five to eight days in a hybrid, in-person, or virtual format.

BriefCASEs *

Professional development for shortened CASE courses or modules. BriefCASEs range from one to three days.

Grants & Scholarships

Corporate sponsors and donors throughout the agriculture industry support CASE teachers through funding material implementation grants and professional development scholarships. Teachers are eligible to apply in the fall to fund their programs in the following year.

Certification

Once the teacher is certified by attending a CASE Institute or BriefCASE, they have lifetime access. There are no subscriptions or renewal fees!



In-Person

Teachers attend the entire training at the host site.



Virtual

Teachers attend the entire training online. Teachers will receive materials via mail, and are responsible for their lab space.



Hybrid

Teachers receive training both virtually and in-person based on the course.