



ANIMAL HEALTH AND VETERINARY SCIENCE

Course Description

Animal Health and Veterinary Science (AHVS) provides an in-depth examination of veterinary science, focusing on the interplay of factors affecting animal health. Students address practical challenges, fostering critical thinking and an understanding of the intricate relationships between animal health and care.

The central focus of the curriculum is to cultivate technical skills crucial for effective animal healthcare. Skills in prevention, diagnosis, and treatment techniques are applied through hands-on practice. Students integrate knowledge into case studies, which further develop problem-solving abilities and provide insight into the practical implications of veterinary science across diverse contexts.



Equipping teachers

- Specialization level
- Semester course
- Inquiry and project based instructional practices
- BriefCASE professional development

Engaging students

- ✓ Interpersonal and technical skills
- ✓ Learn and demonstrate techniques in prevention, diagnosis, and treatment techniques through hands-on skill practice
- ✓ Practically apply knowledge learned

Instructional Units

- Safety and Terms
- Prevention
- Diagnosis
- Treatment
- Skill Assessment

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.

“CASE AHVS has transformed my Agricultural Education classroom, engaging students with hands-on learning in veterinary science. It's incredible to see them develop critical thinking and practical skills, truly preparing them for real-world animal healthcare careers. This course has added an incredible new tool to use in building the future of our community.”

- Ryan Maiden, Washington

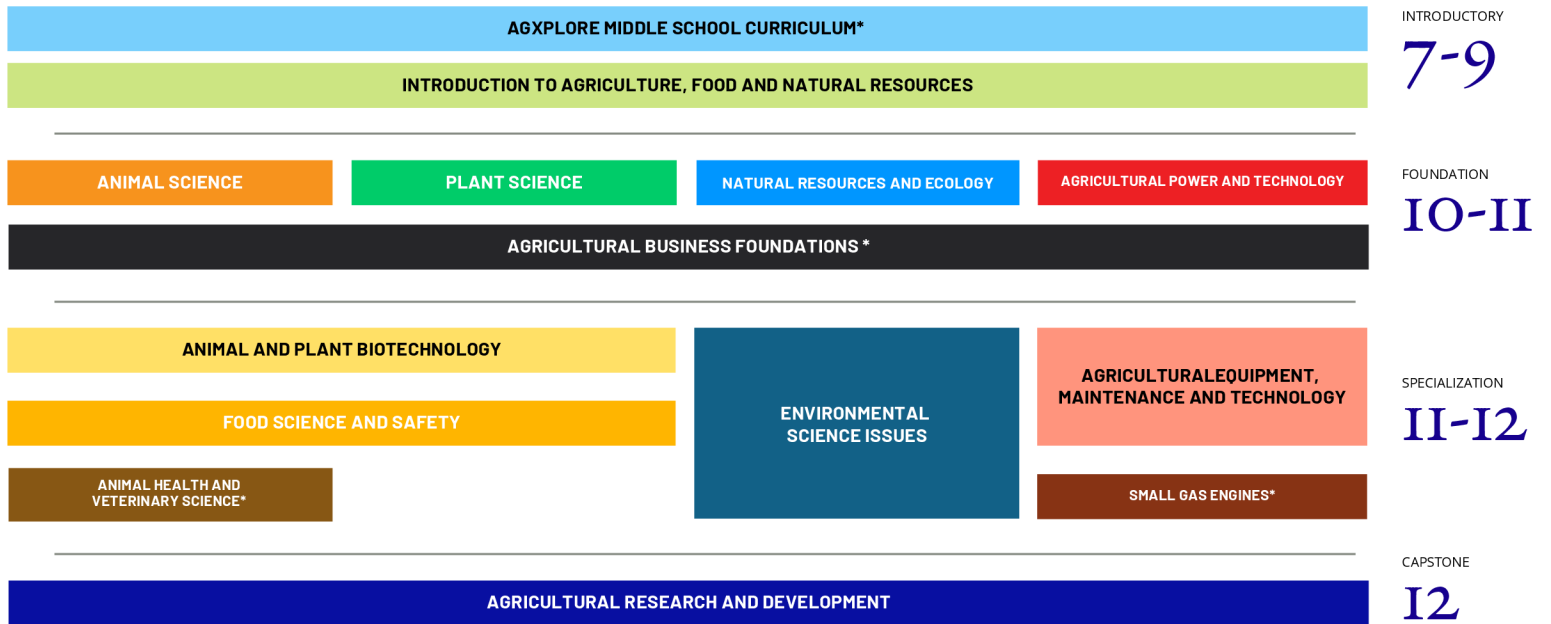


scan or visit case4learning.org

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.