



Curriculum Adoption List

Scientific Farm Animal Production: An Introduction to Animal Science

Scientific Farm Animal Production: An Introduction to Animal Science is the single best integrated resource combining a strong disciplinary focus with best practices in production for the major livestock and poultry industries. A detailed study of eight primary livestock industries is examined along with market forces affecting demand across the supply chain as well as related societal issues and challenges. The 12th edition has updated industry data and insights, improved graphics and images, and simplified material adding greater meaning for students without a livestock production background.

Course Overview:

Animal Health & Reproductive Systems is a course designed to provide students an applied scientific study in the area of animals and veterinary care. This course focuses on the application of animal anatomical and physiological knowledge to the maintenance and improvement of animal health to include; clinical diagnosis of disease and parasites, administration of medications, and common surgical procedures. Biological applications will include studies in cells, genetics, evolution, and ecology as they pertain to the animal/veterinary field. The fetal pig dissection and various other livestock specimens will serve as a supplemental lab practicum throughout the duration of this course. Each unit includes a clinical practice component at the conclusion to put the knowledge learned into a real veterinary clinical situation. Additional emphasis will be placed on industry practices to include office procedures, public relations and communications, laboratory skills. Students will have the skills for entry level (veterinary technician) career readiness in Veterinary Sciences upon completion of this course. Students will use computers, perform record keeping, supervised agriculture projects, and interpersonal leadership development and community development. Students will also engage in critical thinking groups and team building activities.

Contains:

Scientific Farm Animal Production: An Introduction to Animal Science
Pearson (2020)

Committee Leads: Dana Budd/Carol Kenyon

Teacher Committee Analysis:

Amanda Gardner, Thomas Harrington, Justin Pickard

Recommendation:

Staff recommends adoption of *Scientific Farm Animal Production: An Introduction to Animal Science*
Pearson (2020)

Financial Impact:

Scientific Farm Animal Production: \$5,222.

*Note funding source: Ag Incentive Grant. No impact to general budget.