



SCOTTSSLUFF HIGH SCHOOL

Animal Science & Vet Tech Pathway

Make an Impact by Feeding the World!



Students completing the Animal Science and Vet Tech Pathway will be prepared for entry level employment and/or certifications, diploma, or degree programs through WNCC, other regional community colleges, technical trade schools, or four year institutions. While in the academy, students will learn concepts pertaining to animal care and health, anatomy and physiology, med terminology, breeding, genetics, and vet-medicine. Students will have the opportunity to work with industry professionals and take college courses in preparation for post-secondary studies. Students will have the choice to participate in FFA and have the opportunity to attend regional, state and national competitions pertaining to their content area.

AG, FOOD & NATURAL RESOURCES



COURSE RECOMMENDATIONS

Pre-Career Academy Recommendations (9-10 Grade)

- Introduction to Agriculture, Food, and Natural Resources
- Animal Biology

Foundational Career Academy Requirements (11-12 Grade)

- Environmental Science
- Large Animal Biology/Vet Science

Specialized Academy Pathway Courses (12 Grade)

1st Semester

- Equine Science
- Anatomy and Physiology (VTE 1403)
- Intro to the Vet Office (VTE 2322)
- Animal Management (ASI 1303)
- General Biology (BIOS 1010)

2nd Semester

- Animal Care (VTE 1512)
- Ag Leadership
- Med Term (VTS 1301)
- Nutrition and Livestock (ASI 1233)
- General Biology (BIOS 1010)
- Internship

*This is a suggested sequence of course studies. Courses may be taken in a different order based on pre-requisites.

ADDITIONAL RECOMMENDED DUAL CREDIT OPTIONS

(Complete concurrently as Junior/Senior, outside of Academy)

Regular dual credit tuition rates will apply unless the course is taught at SHS by an SHS instructor

- College Algebra (MATH 1150)
- Comp 1 (ENGL 1010)
- Intro to Literature (ENGL 1550)



STUDENT OUTCOMES

Learned Skills	Animal care and health, anatomy and physiology, med terminology, breeding, genetics, and vet-medicine
Employability	Lab Technician, Veterinary Assistant, General Animal Care
Post-Secondary Transition	Programs of study for associate or bachelor degrees, certifications, and diplomas
Certifications	Hazwoper
Degree Opportunities	Vet Medicine, Ag Education, Animal Science, Grazing Livestock, Beef Production, Livestock Management, Equine Training and Management, and Farm and Ranch Management

MORE INFORMATION

For more information on individual careers including, education requirements, pay ranges, and employment forecasts visit <http://www.bls.gov/ooh/>



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308-635-6230 • WWW.SBPS.NET/SHS

