



Carson High School Natural Resources and Wildlife Management Program of Study



Major Career Options			
<ul style="list-style-type: none"> • Agricultural Chemical Dealer • Bank/Loan Office • Park Manager • Landscape Architect 	<ul style="list-style-type: none"> • Natural Resources Manager • Farm Manager • Plant Pathologist • Landscaper 	<ul style="list-style-type: none"> • Botanist • Soil and Water Specialist • Plant Breeder • Golf Course Manager 	<ul style="list-style-type: none"> • Ecologist • Tree Surgeon • Greenhouse Manager • Agricultural Educator

CTE Diploma Course Requirements: To qualify for this certificate, the student must (1) earn a 3.0 GPA or higher in the career and technical education (CTE) course sequence; (2) pass the state CTE assessment for Natural Resources and Wildlife Mgmt.; and (3) pass the state CTE assessment for the Employability Skills for Career Readiness.

Yellow: General Graduation Requirements Blue/bold: Recommended Natural Resources and Wildlife Mgmt. Pathway Green/italics: Recommended Electives

Career Cluster: Information and Media Technology		Career Pathway: Natural Resources and Wildlife Mgmt.	
9th Grade	10th Grade	11th Grade	12th Grade
<i>Semester 1&2</i>	<i>Semester 1&2</i>	<i>Semester 1&2</i>	<i>Semester 1&2</i>
English I or Honors English I	English II or Honors English II	Junior Level English with Honors and Advanced Placement classes available	Senior Level English with Honors and Advanced Placement classes available
Discovery Science	Biology or Honors Biology	Junior Level Science with Honors and Advanced Placement classes available	Elective
Algebra I or Honors Geometry	Geometry or Honors Algebra II	Algebra II or Honors Trigonometry/Pre-Calculus	Trigonometry/Pre-Calculus or Advanced Placement Calculus
Freshmen Transitions and Health	World History or Honors World History	U.S. History/Honors and Advanced Placement U.S. History	Government/Honors and Advanced Placement Government
Physical Education	Physical Education	Elective or Foreign Language	Elective or Foreign Language
<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
Agriculture Science I	Agriculture Science II	Natural Resources and Wildlife Management	Work Experience/Internship
Work-Based Learning Opportunities	College Credit/Tech Prep	Career-Technical Student Organizations (CTSOs) and Clubs	CTE Assessments
<ul style="list-style-type: none"> • Career Awareness • Cooperative Education • Job Shadowing • AmeriCorps Volunteer • Service Learning • Internship 	Possible Articulated Courses: <ul style="list-style-type: none"> • Articulation agreements in process with Great Basin College 	<ul style="list-style-type: none"> • Future Farmers of America 	<ul style="list-style-type: none"> • State End of Program Technical Assessment for Natural Resources and Wildlife Mgmt. • State Employability Skills for Career Readiness Assessment

Post-Secondary Options			
Two-Year College or Proprietary Program	Apprenticeships	Four-Year College and University Programs	Certifications, Licenses, etc.
Great Basin College - Elko		University of Nevada Reno Utah State – Logan Utah University of Idaho, Moscow Cal Poly, San Luis Obispo Fresno State Davis	State Pesticide Certification

This Program of Study is based upon the requirements needed for a CTE Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

CTE Assessments will be administered during the completion of Web Design and Development III course.

For extensive career information visit <http://www.nvcis.intocareers.org/>

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