



Health Science Individual Graduation Plan

This career cluster plan of study is a source of information as you develop your own personal learning plan. This plan lists EXAMPLES of suggested coursework. Courses will vary according to the availability in each school district. Plans of study should meet high school graduation requirements as well as entrance requirements for a variety of postsecondary options within this career cluster.

■ Coursework				
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Language Arts (9 credits)	English 9 Honors English 9 Speech	English 10 Honors English 10	English 11 AP English 11	English 12 AP English 12
Mathematics (8 credits)	Math class (per math dept. recommendation)	Math class (per math dept. recommendation)	Math class (per math dept. recommendation)	Math class (per math dept. recommendation)
Science (6 credits)	Earth Science Honors Earth Science	Biology AP Biology	Honors Chemistry Human Structure and Function	
Social Studies (4 credits)	History 9	US History 10	US History 11 Dual Credit US History 11	American Government Adv. American Government
Additional Requirements	Freshman Transitions Humanities	Orientation to Health Occupations Cardio Fitness/Strength Training	Business Computers Spinning	Economics
Electives (52 total credits required for graduation)		Medical Terminology	Parenting & Child Development Sports Medicine Class & Clinic	CNA/CNA Lab EMT/EMT Lab
■ Extended Learning				
School-Based	Athletics HOSA	HOSA Wellness Project	Higher Ed Day Career Interviews HOSA Internships	Career Research HOSA Senior Project Service Learning Project
Community-Based	Job Shadowing	Mentorships	Part-Time Employment	Volunteer

Advanced Coursework for Postsecondary Credit

- Plant Science in Agriculture
- Agriculture Management
- Crop Production
- Principles of Animal Science
- Professions in Natural Resources
- Agricultural Activities
- Applied Dairy Nutrition
- Intro to Precision Agriculture
- Pest Management
- Fundamentals of GIS
- Introduction to GPS
- Applied Animal Nutrition
- Introduction to Agriculture Selling
- Food System Science
- Intro to Ag Education & Extension
- Wildland Plant Identification
- Principles of Range Management
- Environmental Law
- General Soils
- Environmental Law
- Plant Nutrition
- Animal Reproduction & Breeding
- Plants Poisonous to Animals
- Forage Crops
- Agricultural Markets
- Agricultural Issues
- Animal Evaluation
- Professional Development in Agriculture
- Livestock Judging
- Animal Anatomy & Physiology