




Career Cluster: Health Science

Career Pathway: Health Science (Non Bio-Med)

HIGH SCHOOL			
EXPLORER COURSES: Choose one or more of the following courses to see if this would be a career you would enjoy.			
Biology or Honors Biology (1 year)			
CONCENTRATOR COURSES: Completed after an Explorer course. Helps you discover what area of the field you would like to specialize in.			
Anatomy & Physiology (1 year)		Zoology (1 year)	
COMPLETER COURSES: Must have completed an Explorer and a Concentrator course before taking this course.			
Healthcare (WSUTech Block)			
PATHWAY SEQUENCE: Suggested order of courses.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
Biology/Honors Bio	Chemistry/Honors Chem	Anatomy & Physiology	Healthcare (WSUTech)
		Physics/H Physics	Zoology
SUPPORTING COURSES: Courses outside of the pathway that would be very helpful in your career.			
Physical Education	Nutrition & Wellness	Parenting & Child Development	
STUDENT ORGANIZATION OPPORTUNITIES			
HOSA		Contact Brittni Mayagoitia bmayagoitia@usd259.net	
CERTIFICATION & COLLEGE CREDIT OPPORTUNITIES			
Healthcare Explorations (WSUTech Block)			

HIGH SCHOOL TO POSTSECONDARY EDUCATION & TRAINING			
There are several options for education and training beyond high school, depending on your career goals.			

	1 - Year Certificate Avg. Salary: \$31,000	2 - Year Assoc. or Tech. Degree Avg. Salary: \$43,600	4 - Year Bachelor's Degree Avg. Salary: \$60,000
	<ul style="list-style-type: none"> ➤ Nursing Assistant ➤ EMT/Paramedic ➤ Licensed Practical Nurse (LPN) Local Institutions ➤ WSUTech: Certified Medication Aid (CMA), Certified Nurse Aid (CNA), Home Health Aid (HHA), Practical Nurse (LPN), EMT, Patient Care Technician ➤ Butler: Medical Coding, Certified Medication Aid, Certified Nurse Aid, Home Health Aide, Emergency Medical Technician (EMT & AEMT), Paramedic 	<ul style="list-style-type: none"> ➤ Radiologic Technologist ➤ Dental Assistant ➤ Licensed Practical Nurse (LPN) ➤ Occupational Therapy Assistant ➤ Respiratory Therapist Local Institutions ➤ WSUTech: Dental Assistant, Surgery Technology, Veterinary Nursing, Healthcare Simulation Technology, Healthcare Administration & Management ➤ Butler: Nursing, Pre-Nursing, Pre-Physician Assistant, Pre-Physical Therapy ➤ Newman: Radiologic Technology, Health Science in Occupational Therapy Assistant, Respiratory Care 	<ul style="list-style-type: none"> ➤ Registered Nurse ➤ Dental Hygienist ➤ Clinical Lab Technician ➤ Medical Sonographer Local Institutions ➤ Butler: ADN to KU BSN Nursing ➤ Newman: Healthcare Science, Diagnostic Medical Sonography ➤ WSU: Nursing, Nursing-RN to BSN, Nursing-Accelerated Program, Medical Laboratory Sciences, Health Science, Health Management, Health Administration (Bachelor's to Master's), Dental Hygiene, Communication Sciences & Disorders, Biological Sciences-Biochemistry, Pre-Medicine



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Course Descriptions

Biology/Honors Biology: This course covers the basics of biology: ecology, cells, genetics, and evolution and their impact on the world and human body.

Chemistry/Honors Chemistry: This course covers the basics of chemical reactions: naming chemical compounds, creating chemical formulas, balancing chemical equations, predicting chemical reactions, and other topics that are pertinent to the human body including acid base reactions and pH.

Physics/Honors Physics/AP Physics 1: This course examines motion, Newton's Laws, forces, and other topics which impact human bodies daily such as types of waves in medical imaging.

Anatomy & Physiology: Exposes students to an in-depth look at the human body's systems and how they work together. Dissection is featured.

Zoology: This course focuses heavily on the wide array of animal anatomy structures and systems. Heavy emphasis on dissection. Particularly of interest for those looking into veterinary medicine.

Healthcare Exploration (WSUTech Block): This block of courses is designed to prepare students for WSUTech's Practical Nursing, Surgical Technology, Medical Assisting, Medical Coding or Dental Assisting programs. First semester students will learn to care for patients in a long-term care facility as a Certified Nurse Aide (CNA). They can begin working in a nursing home or other care facility earning \$8-11 per hour. *To continue this program past your first semester, please contact your High School Admissions Specialist.