

HEALTHCARE AND HUMAN SERVICES: HEALTH SCIENCE PATHWAY – HEALTHCARE STRAND

This pathway focuses on using science, technology, and compassion to promote health, prevent illness, and improve the quality of life for individuals and communities. It includes topics like anatomy, physiology, medical terminology, nutrition, healthcare systems, patient care, and the ethical and legal aspects of the medical field. Students learn how to support patients, understand disease processes, and apply scientific knowledge in various healthcare and human service settings.

CAREERS INCLUDE Registered Nurse (RN), Medical Assistant, Nursing Assistant (CNA), Physical Therapist, Occupational Therapist, Pharmacist, Emergency Medical Technician (EMT), Paramedic, Radiologic Technologist, Medical Laboratory Technician, Dental Hygienist, Physician / Surgeon, Public Health Specialist, Medical Office Administrator, Nutritionist / Dietitian, Healthcare Social Worker, Medical Records Technician, Respiratory Therapist, Home Health Aide, Healthcare Educator

SAMPLE PLAN OF STUDY*

¥This course counts as a STEM Elective. *This course has a prerequisite. ^This course has an application. ‡This course is at Eudora EDTech

FRESHMAN YEAR (1.0) English (1.0) Math (based on math course progression) (1.0) Biology or Honors Biology (1.0) Social Studies (1.0) Physical Education (1.0) Performing/Fine Arts Credit (2.0) Electives	SOPHOMORE YEAR (1.0) English (1.0) Math (based on math course progression) (1.0) Chemistry or Honors Chemistry (1.0) Social Studies (0.5) Health (0.5) Communications Credit (0.5) Nutrition and Dietetics (2.5) Electives
JUNIOR YEAR (1.0) English 11/AP Lang & Comp (1.0) Math (based on math course progression) (1.0) Anatomy & Physiology *¥ (1.0) Social Studies (0.5) Medical Terminology *‡¥^ (0.5) Certified Nursing Assistant CNA *‡¥^ (0.5) EMS First Responder *‡¥^ (0.5) Health Care Research *‡¥^ (2.0) Electives	SENIOR YEAR (1.0) English 12 or AP Lit & Comp or AP Lang & Comp (1.0) Math (based on math course progression) (1.0) Science Course (0.5) Political Participation or Con. Law/AP Government (0.5) Financial Literacy (1.0) Medical Interventions *‡¥^ (1.0) Health Careers WBL *‡¥^ (2.0) Electives

BOLDED COURSES LEAD TO PATHWAY COMPLETION

PATHWAY COURSES: Pathway completion requires students to complete three (3) credits in the pathway, with at least two (2) of those credits being a combination of technical and application-level courses. Additionally, a student must earn one of the following: an industry-recognized certification (IRC), nine (9) + college hours aligned to the pathway, or complete a high-quality work-based learning experience (Internship).

INTRODUCTORY LEVEL	TECHNICAL LEVEL	APPLICATION LEVEL
Chemistry or Honors Chemistry¥	Anatomy & Physiology*¥ Nutrition and Dietetics EMS First Responder *‡¥^	Medical Interventions*‡¥^ Medical Terminology *‡¥^ Certified Nursing Assistant CNA *‡¥^

Other Recommended Courses AP Environmental Science, or Environmental Science AP Psychology, or Psychology	Opportunities for Pathway Completion: Certified Nursing Assistant (CNA) – IRC, Internship Health Careers WBL - Internship	Graduation Requirements: English – 4 credits Math - 4 credits Science – 3 credits Social Studies – 3.5 credits STEM Elective – 1 credit Fine Arts – 1 credit Communication – 0.5 credit Financial Literacy – 0.5 credit Physical Education/Health – 1.5 credits Postsecondary Assets – 2 required
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*This sample plan of study offers an example of what a student's individual plan of study in this pathway might look like. Please note that some courses may not be offered on an annual basis and participation in classes may be subject to space availability.