

PATHWAY COURSES

Year 1

PRINCIPLES OF
BIOMEDICAL SCIENCE

Year 2

HUMAN BODY SYSTEMS/
ANATOMY & PHYSIOLOGY

Year 3

MEDICAL INTERVENTIONS

RESOURCES

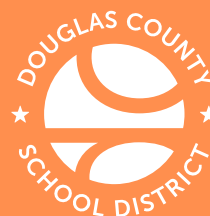


HOSA

nevadahosa.org

NDE - CTE

[doe.nv.gov/cte/programs/
health-science/](http://doe.nv.gov/cte/programs/health-science/)



BIOMEDICAL SCIENCE



Explore the DHS BioMedical Sciences program, where students dive into human anatomy, health conditions, and medical research. Through hands-on learning, they investigate the body's systems, learn about disease prevention and treatment, and develop innovative solutions for modern health challenges. Our program will shape the future of healthcare through practical exploration and transformative experiences.

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YEAR 1

PRINCIPLES OF BIOMEDICAL SCIENCE

This course will help prepare students for a career in medicine or health care and will challenge them to solve real-world problems. Students will practice creative and critical thinking, to gain practical experience tackling challenges that biomedical professionals face in the field. Biomed students will work through real-world situations, cases, and problems, such as solving a medical mystery case, diagnosing and treating a patient, and responding to a medical outbreak.

YEAR 2

HUMAN BODY SYSTEMS/ANATOMY & PHYSIOLOGY

In this course, Human Body Systems, students explore the human body's intricacies through hands-on activities and investigations. From cellular biology to organ systems, students engage in authentic investigations, dissections, and medical case studies to deepen their understanding of human anatomy and physiology. This course equips students with essential skills for careers in healthcare and biomedical research, fostering a deep understanding of the human body and its functions.

YEAR 3

MEDICAL INTERVENTIONS

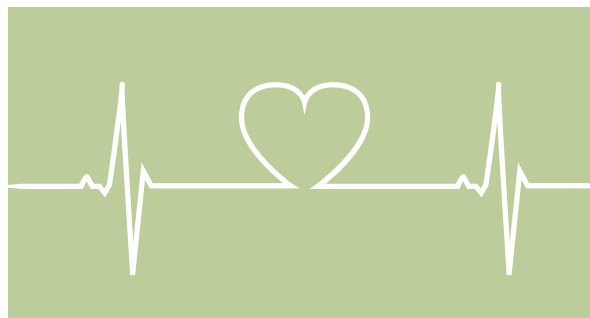
In Year 3 - Medical Interventions, students learn about medical treatments and interventions, exploring how diseases affect the human body & the innovative ways in which healthcare professionals respond. Through hands-on experiments, simulations, & case studies, students learn about various medical procedures, from diagnosis to treatment. By engaging with cutting-edge medical technologies & ethical considerations, students gain insights into the dynamic field of healthcare. This course prepares students for future studies and careers in medicine, biotechnology, & healthcare innovation.

HOSA

NEVADA

HOSA is an international student organization recognized by the U.S. DoE and the Health Science Education (HSE) Division of ACTE. HOSA's two-fold mission is to promote career opportunities in the healthcare industry and to enhance the delivery of quality health care to all people. HOSA's goal is to encourage all health science instructors and students to join and be actively involved in the HSE-HOSA Partnership.

HOSA provides a unique program of leadership development, motivation, and recognition exclusively for secondary, postsecondary, adult, and collegiate students enrolled in health science education and biomedical science programs or have interests in pursuing careers in health professions. HOSA is 100% health care!



hosa
future health professionals