

HEALTH SCIENCES

S

SCOTTSBLUFF HIGH SCHOOL

CAREER ACADEMY



PATHWAYS

- PRE-MEDICINE
- NURSING
- HEALTH INFORMATION TECHNOLOGY
- MEDICAL SPECIALTIES & TECHNOLOGIES
- LIFE SPAN PERFORMANCE

Impact the World by Saving Lives!

Are you interested in helping others and saving lives? Are you an individual that likes a fast pace work environment, takes initiative, and can pay attention to detail? Do you possess strong interpersonal communication skills and have the ability to work with a diverse clientele? Are you inquisitive and seek to solve problems? Do you want to be a part of a team that works together to meet the health care needs of people? Then the Health Science Academy may be the right fit for you.

Scottsbluff High School
308.635.6200
www.sbbs.net/shs



QUICK FACTS

RELATED EDUCATIONAL PROGRAMS AT WNCC:

Biomedical Research (Pre), Medical Office Management, Dietetics, Dentistry (Pre), EMT, Health Information Technology, Medical Technology (Pre), Medicine (Pre), Nursing, Physical Therapy (Pre), Radiological Technology (Pre), Surgical Technician, Exercise Science.

- Associate of Arts Degree
- Associate of Science Degree

ESTIMATED DUAL-CREDIT COSTS:

- No cost for dual-credit classes taught at SHS by an SHS instructor
- Dual-credit classes taught at WNCC or at SHS by a WNCC instructor:
 - If school requires this class as part of a Career Academy, then no cost to student
 - If not school required, then student pays half of normal credit-hour tuition
- Textbooks will be issued by SBPS for all dual-credit classes and will remain property of SBPS

OTHER COLLEGES OR POST-SECONDARY OPTIONS:

- University of Nebraska Medical Center
- Chadron State College
- University of Nebraska-Lincoln
- University of Nebraska-Kearney
- University of Nebraska-Omaha
- Nebraska Community Colleges

CAREER-BASED CERTIFICATIONS:

CPR, First Aid, BNA, and Med Aide

AVERAGE SALARY:

Based on local businesses, starting wages for WNCC graduates in this industry range from \$15.00 to \$30.00 per hour

Combined Non-Discrimination Notice
The Scottsbluff Public School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following people have been designated to handle inquiries regarding the non-discrimination policies: Dr. Andrew Dick, Superintendent or Wendy Kemling, Executive Director of Student Services, 1722 1st Ave. Scottsbluff, NE 69361 308-635-6200

OVERVIEW



STUDENT CLUBS/ ORGANIZATIONS



Students interested in pursuing a career in health sciences can get started in a rewarding career path within one of many health sciences pathways. Students enrolled in the Health Sciences Academy are exposed to a variety of medical careers and will explore basic health care concepts and learn essential skills. Comprehensive programming in this pathway provides students general career readiness skills and specific health industry knowledge that will aid in obtaining entry level employment. For students seeking post-secondary education, the academy will prepare students to be competitive and confident as they seek to reach their career goals.

STUDENT EXPERIENCE & PROJECTS

Students enrolled in the Health Sciences Academy will have the opportunity to participate in a project-based, student-driven atmosphere. Students will research medical careers, participate in field trips, and have the opportunity to participate in HOSA Future Health Professionals activities. Students may become CPR/First Aid certified, participate in clinical internships and job shadows, and perform hands-on activities. Students will work closely with the community and take college-level courses while enrolled in the Health Sciences Academy.



INTERNSHIP



Senior students enrolled in the Health Sciences Pathways have the opportunity to take part in Internships with many local businesses.

FOLLOW THE PATH THAT'S RIGHT FOR YOU



Grade 9 & 10

Pre-Career Academy Courses

- Introduction to Health Sciences
- PLTW Principles of Biomedical Science
- Human Biology (10)



Grade 11

Foundational Career Academy Courses (30 Credits)

- Anatomy & Physiology or Human Biology
- Medical Interventions
- Medical Terminology
- Psychology
- Elective Option: Basic Nursing Assistant (HLTH 1195)



Grade 12

Specialized Academy Pathway (select 30 credits from Pathway of emphasis)

Medical Specialties and Technology Pathway	Nursing Pathway	Medicine (Pre) Pathway	Health Information Systems Pathway
<ul style="list-style-type: none"> • Basic Nursing Assistant (HLTH 1195) • General Biology (BIOS 1010) • Body Structure & Function (LPNR 1110) • Fundamentals of Phlebotomy (MEDT 1010) • Chemistry or AP Chemistry • Med Aide (HLTH 2190) • EMT (EMSP 1500) • Internship 	<ul style="list-style-type: none"> • Basic Nursing Assistant (HLTH 1195) • Chemistry or AP Chemistry • AP Statistics • Human Anatomy and Physiology I (BIOS 2250) • Human Anatomy and Physiology 2 (BIOS 2260) • General Biology (BIOS 1010) • Med Aide (HLTH 2190) • Life Span: Human Growth & Development (PSYC 2150) • Nutrition and Diet Therapy (BIOS 2050) • Internship 	<ul style="list-style-type: none"> • Chemistry or AP Chemistry • AP Calculus AB* • General Biology (BIOS 1010) • Human Anatomy and Physiology I (BIOS 2250) • Human Anatomy and Physiology 2 (BIOS 2260) • Microbiology (BIOS 2460) • Sports Medicine Internship 	<ul style="list-style-type: none"> • English Comp 1 (ENGL 1010)* • Intro to Health Information Management (HIMS 1250) • Info Systems in Healthcare (HIMS 2200) • Disease Process (HIMS 1410) • Intro to Information Technology (INFO 1220) • Database (Access) (INFO 1040) • Legal and Ethical Aspects of HIMS (HIMS 1500) • Internship

*At the Foundational or Specialized Level identified courses may be substituted with counselor or administrative approval and based on student's academic readiness.

CAREERS IN HEALTH SCIENCES

Example Careers:

- EMT
- Licensed Practical Nurse
- Certified Nursing Assistant
- Cardiology Technologist
- Medical Laboratory Technician
- Medical Record Technician
- Physical Therapy Assistant
- Radiological Technologist
- Registered Nurse
- Respiratory Therapist
- Surgical Technician/Technologist
- Pharmacy Technician
- Anesthesiologist
- Athletic Trainer
- Dietician/Nutritionist
- Medical Laboratory Technologist
- Physical Therapist
- Physician Assistant
- Physician
- Registered Nurse
- Medical Specialist
- Radiologist
- Optometrist
- Occupational Therapy
- Dentistry



STAY HERE FOR A REWARDING CAREER!

These local businesses provide careers in Health Sciences:

- Regional West
- Walgreens Pharmacy
- Walmart Pharmacy
- CAPWN
- Bluffs Vision Clinic
- Webb Orthodontics
- Webb Eyecare
- Monument Physical Therapy
- ESU 13
- Scottsbluff Public Schools
- Monument Chiropractic
- Bluffs Chiropractic
- Northfield Retirement Communities
- Golden Living Center
- Heritage Estates
- Emerald Court
- University of Nebraska Medical Center

