

Health Science

Public Service Endorsement

Do you....

- ✓ have a curiosity about how the systems of the human body work and function?
- ✓ feel strongly drawn to TV programs and documentaries that focus on the medical world?
- ✓ possess integrity, an attention to detail, perseverance, organized, and observant?
- ✓ have a passion to help people who are ill and suffering?
- ✓ dream about using cutting edge technology and scientific research to find a cure for a terrible disease?
- ✓ enjoy exploring the various careers in the medical field?

Perhaps your career diagnosis is in the Health Science field !

Everyone thinks about doctors and nurses when thinking about Health Care. Hundreds of other careers exist in the medical field such as X-ray technicians, registered nurses, research scientists, lab technicians, pharmacists, physical therapists, medical careers and many more! Gain knowledge and experience in our Health Science programs!

Questions to Ask When Exploring Careers :

1. What careers relate to things I like to do?
2. Show me the \$\$! What are the potential salaries of my careers of interest?
3. Are my careers of interest projected to grow? (Job Outlook)



Sample Fastest Growing Health Science Careers-Salary Ranges in Texas	Bottom 10% & Under	50%	Top 10% & Up
Physicians & Surgeons	\$56,880	\$187,200+	\$187,200+
Pharmacists	\$93,460	\$122,590	\$154,320
Mental Health Social Workers	\$30,940	\$41,130	\$59,910
Registered Nurses	\$50,140	\$68,590	\$94,950
Respiratory Therapists	\$42,060	\$56,260	\$74,020
Medical Scientists, Except Epidemiologists	\$37,970	\$59,580	\$119,940
Radiologic Technologists	\$50,700	\$65,820	\$91,450
Clinical Data Management	\$41,660	\$74,960	\$121,270
Diagnostic Medical Sonographers	\$50,450	\$68,240	\$99,010

Sample Careers to Consider with a 4-Year College Degree and Higher:

- Neurologists
- Physical Therapists
- Medical & Clinical Technologists
- Hospitalists
- Patient Representatives

With a 2-Year College Degree:

- Nuclear Medicine Technologists
- Dental Hygienists
- Surgical Technologists
- Cardiovascular Technologists and Technicians

With a Certification and HS Diploma:

- Dental Lab Technicians
- Nursing Assistants
- Nuclear Equipment Operation Technicians



Career Pathways in Health Science

Pathways and Required Courses					
Medical Health Professions Pathway MHS, NHS, SWHS, SHS	Medical Terminology	Principles of Health Science	Health Science with Clinical	Health Science Practicum or Internship in Health related area	Certifications: First Aid/CPR,AED; NPA Certified Phlebotomist or other higher-level Healthcare certification.
Pharmacy Technician Pathway MHS, NHS, SWHS, SHS Guthrie Center	Medical Terminology (Optional)	Principles of Health Science	Health Science Theory and Pharmacology 11 th grade	Pharmacy Technician Practicum 12 th grade	Certifications: First Aid/CPR; Pharmacy Tech (PTCE); National Sterile Products IV
Emergency Medical Technician Pathway MHS, NHS, SWHS, SHS	Principles of Health Science Medical Terminology	*Anatomy & Physiology	*Medical Microbiology	Emergency Medical Technician Basic	Certifications: Texas EMT Basic; First Aid/CPR/AED
<p><i>*Satisfies 3rd Year Science Graduation Requirement with required and recommended prerequisites. Refer to your SBISD High School Program of Studies for detailed course descriptions and prerequisites.</i></p>					

Some of the professional experiences students will have in Health Science Courses:

clinical rotations in a hospital setting;

study the structure and functions of the human body and body systems; medical vocabulary terminology;

become part of a hospital team of professionals; identify the relationships of micro-organisms to wellness and disease ;

how diseases affect the various human systems; normal and abnormal physiology;

the technical knowledge, practices and procedures used in Pharmacy; sterile processing of medical operation room equipment

Health Science courses include: Anatomy & Physiology, Principles of Health Science, Health Science Theory Health Science Theory with Clinical, Health Science Practicum, Extended Practicum in Health Science, Medical Microbiology, Medical Terminology, Pathophysiology, Pharmacology, Pharmacy Technician Practicum, Internships Career Prep (with teacher recommendation)

For more information, contact your school counselor or:
 Beverly Litton
 Guthrie Center & Career and Technical Education Counselor

Spring Branch Independent School District
The Guthrie Center
 10660 Hammerly Blvd., Houston, Texas 77043
 Office: 713-251-1303 Fax: 713-251-1315

Sources: Achieve Texas, O*Net Online, Labor Market & Career Information, CareerOneStop.org, U.S. Bureau of Labor & Statistics
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