

HEALTH CARE & HEALTH SCIENCES CAREER PATHWAYS



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WHY A CAREER IN HEALTH CARE & HEALTH SCIENCES?

Did you know that health care is the largest and fastest growing industry in the U.S.?

Or that the health care industry employs over 10 million workers in more than 200 kinds of careers?

OPPORTUNITIES ABOUND IN THE HEALTH CARE INDUSTRY.

Today's health sciences professionals are in high demand due to:

- Unprecedented aging population**
 - Explosion of new technologies**
 - Shortage of health care professionals**
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WHAT KIND OF A CAREER ARE YOU LOOKING FOR?

- Meaningful & rewarding work
- Lifetime of opportunities
- Ability to help others
- Fast pace urgent environment

There are literally hundreds of career options within the health sciences – so there's sure to be one that's a terrific fit for you!

PLACES YOU CAN WORK!

- Hospitals
- Independent Laboratories
- Out Patient Clinics
- Public Health Facilities
- Biotechnology Companies
- Molecular Diagnostic Companies
- Vitro Fertilization Laboratories
- Research Laboratories
- Nursing Homes
- Physician Offices
- Medical Equipment Supply Companies
- Home Health Care Agencies
- Educational Institutions
- State and Local Health Departments



And many more.....What is missing from this list?

CAREER PATHWAYS IN HEALTH SCIENCES

Health Sciences are divided into five categories, or pathways. Occupations are grouped by the common knowledge and similar skill sets required within each career pathway.

1. Biotechnology, Research & Development
2. Therapeutic Services
3. Diagnostic Services
4. Health Informatics
5. Support Services

Biotechnology Research & Development



Careers in this pathway involve bioscience research and development as it applies to human health.

These scientists may study diseases to discover new treatments or invent medical devices used to assist patients.

Biotechnology Research and Development

Such careers require a solid foundation in high school sciences – biology, chemistry, math, and computer science.

An Associate's, Bachelor's, or Master's degree is also usually necessary and in most cases a state license is required.



Can you guess which occupations would fit under this pathway?

**BIOTECHNOLOGY,
RESEARCH & DEVELOPMENT**
Occupational Choices:

Bioinformatics Technician
Laboratory Technician
Regulatory Affairs Manager
Biomedical Engineer
Technical Writer
Bioinformatics Scientist
Biostatistician
Clinical Data Managers

THERAPEUTIC SERVICES



Health Professionals in this pathway work directly with patients, providing care, treatment counseling, and health education information. Can you guess which occupation is shown above?

THERAPEUTIC SERVICES

Occupational Choices:

Certified Nursing Assistant

Physical Therapist Aide

Surgical Technologists

Dental Assistant

Medical Assistant

Pharmacy Technician

Dental Hygienists

Registered Nurses

Physicians

DIAGNOSTIC SERVICES



Professionals in the Diagnostic Services pathway use tests and evaluations to detect, diagnose, and treat diseases, injuries, or other physical conditions. Most Diagnostic Careers require an Associate's or Bachelor of Science degree.

DIAGNOSTIC SERVICES

Occupational Choices:

EKG Technician

Medical Laboratory Technician

Radiologic Technician

Cardiovascular Technician

Clinical Laboratory Technician

Diagnostic Medical Sonographer

CAT/MRI Technician

HEALTH INFORMATICS



Careers in this pathway include many different types of positions, from health care administrators to those responsible for managing patient data in electronic health records (EHR). Most careers require an Associate's but some also require on-the-job training and/or certification.

HEALTH INFORMATICS Occupational Choices:

Health Unit Coordinator

Data Entry Technicians

Medical Transcriptionist

Health Information Technician

Health Information Code

Informatics Specialists

Epidemiologists

SUPPORTIVE SERVICES



Supportive Services pathway provide a therapeutic environment for the delivery of healthcare. Supportive Services offer a full range of career opportunities from entry level to management and include both technical and business/professional careers.

SUPPORT SERVICES

Occupational Choices:

Food Services Aide

Medical Equipment Preparer

Emergency Medical Technician

Community Health Worker

Health Educators

Mental Health/Human Services

Health Care Social Worker

Licensed Clinical Social Worker

NOW DISCOVER YOUR HEALTH OCCUPATION!

Career Interest Inventory

<http://checkoutacollege.com/explorecareers/interestsurvey.aspx>

Health Career Start Here

<http://www.healthjobsstarthere.com/>

Explore Health Careers

<http://explorehealthcareers.org/en/home>

Help to make a difference in your life
and the lives of others, choose a
career in healthcare!