



**Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.**



<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Sample Career Specialties / Occupations</b></p>	<p>Acupuncturist Anesthesiologist Assistant Art / Music / Dance Therapist Athletic Trainer + Audiologist Certified Nursing Assistant + Chiropractor + Dental Assistant / Hygienist + Dental Lab Technician + Dentist + Dietician Dosimetrist <input type="checkbox"/> EMT Exercise Physiologist + Home Health Aide Kinesiotherapist <input type="checkbox"/> Licensed Practical Nurse Massage Therapist <input type="checkbox"/> Medical Assistant Mortician + Occupational Therapist / Assistant + Ophthalmic Medical Personnel + Optometrist Orthotist/Prosthetist <input type="checkbox"/> Paramedic Pharmacist/+Pharmacy Tech</p> <p>Physical Therapist / Assistant <input type="checkbox"/> Assistant Physician (MD/DO) Physician's Assistant Psychologist Recreation Therapist <input type="checkbox"/> Registered Nurse Respiratory Therapist Social Worker Speech Language Pathologist Surgical Technician + Veterinarian / Vet Tech</p>	<p>Cardiovascular Technologist Clinical Lab Technician Computer Tomography (CT) Technologist Cytogenetic Technologist Cytotechnologist Diagnostic Medical Sonographer <input type="checkbox"/> Electrocardiographic (ECG) Technician <input type="checkbox"/> Electronic Diagnostic (EEG) Technologist Exercise Physiologist Geneticist Histotechnician Histotechnologist Magnetic Resonance (MR) Technologist Mammographer + Medical Technologist / Clinical Laboratory Scientist Nuclear Medicine Technologist Nutritionist Pathologist Pathology Assistant Phlebotomist Positron Emission Tomography (PET) Technologist <input type="checkbox"/> Radiologic Technologist/ + Radiographer Radiologist</p>	<p>+ Admitting Clerk Applied Researcher Community Services Specialist Data Analyst Epidemiologist (SHSMD Stratsociety.org) Ethicist Health Educator Health Information Coder Health Information Services Asst. Healthcare Administrator <input type="checkbox"/> Medical Assistant + Medical Biller/Patient Financial Services Medical Information Technologist Medical Librarian/Cybrarian + Patient Advocate Public Health Educator Reimbursement Specialist (HFMA) Risk Management Assistant Social Worker Transcriptionist Unit Coordinator Utilization Manager</p>	<p>+ Biomedical / Clinical Engineer Biomedical / Clinical Technician Central Services Assistant Environmental Health and Safety Assistant Environmental Services Assistant Facilities Manager + Food Service Worker Hospital Maintenance Engineer Industrial Hygienist Materials Management Assistant Transport Technician</p>	<p>Biochemist Bioinformatics Associate Bioinformatics Scientist Bioinformatics Specialist Biomedical Chemist Biostatistician Cell Biologist Clinical Trials Research Associate Clinical Trials Research Coordinator Geneticist Lab Assistant-Genetics Lab Technician + Microbiologist Molecular Biologist Pharmaceutical Scientist Quality Assurance Technician Quality Control Technician Regulatory Affairs Specialist Research Assistant Research Associate Research Scientist Toxicologist</p>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Pathways</b></p>	<p style="text-align: center;"><b>Therapeutic Services</b></p>		<p style="text-align: center;"><b>Diagnostics Services</b></p>	<p style="text-align: center;"><b>Health Informatics</b></p>	<p style="text-align: center;"><b>Support Services</b></p>	<p style="text-align: center;"><b>Biotechnology Research and Development</b></p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Cluster K&amp;S</b></p>	<p><b>Cluster Knowledge and Skills</b></p> <ul style="list-style-type: none"> <li>• Academic Foundation</li> <li>• Communications</li> <li>• Employability Skills</li> <li>• Ethics</li> <li>• Health Maintenance Practices</li> <li>• Information Technology Applications</li> <li>• Legal Responsibilities</li> <li>• Safety Practices</li> <li>• Systems</li> <li>• Teamwork</li> <li>• Technical Skills</li> </ul>			<p><b>Education Needed for Career</b></p> <ul style="list-style-type: none"> <li>+ High School – completed high school, high school with career and technology training, GED, on-the-job training, or apprenticeship</li> <li><input type="checkbox"/> Junior College – completed junior/community college, postsecondary technical, or career and technology training</li> <li>+ Baccalaureate Degree – completed four-year degree or more</li> </ul>		