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

Sample Career Specialties/Occupations

Therapeutic Services
- Acupuncturist
- Anesthesiologist/Assistant
- Anesthesia Technologist/Technician
- Art/Music/Dance Therapist(s)
- Athletic Trainer
- Audiologist
- Certified Nursing Assistant
- Chiropractor
- Chiropractic Assistant
- Dental Assistant/Hygienist
- Dental Lab Technician
- Dietician/Nutritionist
- Dosimetrist
- EMT/Paramedic
- Endorivist
- Exercise Physiologist
- Home Health Aide
- Kinesiotherapist
- Licensed Practical Nurse
- Massage Therapist
- Medical Assistant
- Mental Health Counselor
- Naturopathic Doctor
- Nurse Anesthetist
- Nurse Midwife
- Nurse Practitioner
- Occupational Therapist/Assistant
- Oral Surgeon
- Orientation/Mobility Specialist
- Orthodontist
- Orthopedist
- Orthotist/Prosthetist/Tech
- Pedicure
- Perfusionist
- Pharmacist
- Pharmacy Technician
- Physical Therapist/Assistant
- Physician (MD/DO)
- Physician’s Assistant
- Podiatrist
- Psychologist
- Psychiatrist
- Radiation Therapist
- Recreation Therapist
- Registered Nurse
- Rehabilitation Counselor
- Respiratory Therapist
- Speech Language Pathologist
- Surgical Technician
- Veterinarian
- Veterinarian Assistant/Tech
- Vision Rehabilitation Therapist
- Wellness Coach

Diagnostics Services
- Audiologist
- Blood Bank Technology Specialist
- Cardiovascular Technologist
- Clinical Lab Technician
- Clinical Laboratory/Technologist
- Computer Tomography (CT) Technologist
- Cytogenetic Technologist
- Cytotechnologist
- Dentist
- Diagnostic Medical Sonographers
- Electrocardiographic (EKG) Technician
- Electromyography Technologist
- Electronic Diagnostic (EGG) Technologist
- Exercise Physiologist
- Geneticist
- Geriatrician
- Histotechnologist
- Histopathologist
- Magnetic Resonance Technologist
- Mammographer
- Medical Technologist/Clinical Laboratory Scientist
- Nuclear Medicine Technologist
- Optician
- Ophthalmologist
- Ophthalmic Assistant/Technologist
- Optometrist
- Pathologist
- Pathologists’ Assistant
- Phlebotomist
- Polysomnographic Technologist
- Positron Emission Tomography (PET) Technologist
- Radiologic Technologist
- Radiologist
- Speech-Language Pathologist
- Admitting Clerk
- Applied Researcher
- Compliance Technician
- Clinical Account Manager
- Clinical Account Technician
- Clinical Data Specialist
- Community Services Specialist
- Data Quality Manager
- Epidemiologist
- Ethicist
- Health Educator
- Health Information Mgmt. Administrator
- Health Information Mgmt. Technician
- Healthcare Access Manager
- Healthcare Administrator
- Healthcare Finance Informationist
- Information Privacy Officer
- Managed Care Contract Analyst
- Medical Coder
- Medical Historian
- Medical Illustrator
- Medical Information Technology Specialist
- Medical Librarian
- Medical Transcriptionist
- Patient Account Manager
- Patient Account Technician
- Patient Advocate
- Patient Information Coordinator
- Project Manager
- Public Health Educator
- Quality Management Specialist
- Research and Development Support Specialist
- Reimbursement Specialist
- Risk Manager
- Unit Coordinator
- Utilization Manager
- Utilization Review Manager

Health Informatics
- Animal Behavioralist
- Biomedical/Clinical Engineer
- Biomedical/Clinical Technician
- Clinical Simulator Technician
- Central Service Manager
- Central Service Technician
- Community Health Worker
- Dietary Manager
- Dietetic Technician
- Environmental Health Advocate
- Environmental Health Practitioner
- Environmental Services/Assistant
- Facilities Manager
- Food Service Specialist
- Health Advocate
- Hospital Maintenance Engineer
- Industrial Hygienist
- Interpreter
- Martial, Couple, Family Counselor/Therapist
- Materials Manager
- Medical Health Counselor
- Mortician/ Funeral Director
- Nurse Educator
- Occupational Health Nurse
- Occupational Health & Safety Expert
- Social Worker
- Transport Technician

Support Services
- Biochemist
- Bioinformatics Scientist
- Biomedical Chemist
- Biomedical Manufacturing Technician
- Biostatistician
- Cancer Registrar
- Cell Biologist
- Clinical Data Management Specialist
- Clinical Pharmacist
- Clinical Trials Monitor
- Clinical Trials Research Coordinator
- Crime Scene Investigator
- Diagnostic Molecular Scientist
- Forensic Biologist
- Forensic Chemist
- Forensic Odontologist
- Forensic Pathologist
- Genetic Counselor
- Geneticist/Lab Assistant
- Lab Technician
- Medical Editor/Writer
- Microbiologist
- Molecular Biologist
- Nurse Researcher
- Packaging Technician
- Patent Lawyer
- Pharmaceutical/Clinical Project Manager
- Pharmaceutical Sales Representative
- Pharmaceutical Scientist
- Pharmacokineticist
- Pharmacist
- Product Safety Scientist
- Process Development Scientist
- Processing Technician
- Quality Assurance Technician
- Quality Control Technician
- Regulatory Affairs Specialist
- Research Assistant
- Research Scientist
- Toxicologist

Biotechnology Research and Development

Pathways

Therapeutic Services
Diagnostics Services
Health Informatics
Support Services
Biotechnology Research and Development

Cluster knowledge and skills

♦ Academic Foundations ♦ Communications ♦ Problem Solving and Critical Thinking ♦ Information Technology ♦ Systems ♦ Safety, Health and Environment ♦ Leadership and Teamwork ♦ Ethics and Legal Responsibilities ♦ Employability and Career Development ♦ Technical Skills