Health and Wellness at SUNY

**DENTAL HEALTH**

Dentists identify and treat problems concerning a patient's mouth, gums and teeth. Their duties include extracting teeth, fitting dentures and filling cavities. Some dentists specialize in areas that range from treating oral problems and diseases to straightening teeth and performing oral surgeries. As members of a dental health team, dental hygienists clean teeth and dental assistants assist with recordkeeping and instrument sterilization. Laboratory technicians combine art and science by designing and manufacturing corrective devices and replacements for natural teeth.

**Biological Sciences: Dentistry**
University at Buffalo (Accelerated DDS)

- Dental Assisting
  - Erie (North) C
  - Hudson Valley C
  - Monroe
- Dental Assisting Rapid Track
  - Monroe
- Dental Hygiene
  - Broome
  - Erie (North) A
  - Farmingdale A, B
  - Hudson Valley A
  - Monroe
  - Orange A
- Dental Laboratory Technology
  - Erie (South) A
- Pre-Dental 3+4 w/Boston University's Goldman School of Dental Medicine A
  - Albany
- Pre-Dental 3+4 w/University at Buffalo A
  - Geneseo

**EMERGENCY AND PARAMEDIC SERVICES**

Emergency medical services are administered to those in need of urgent care, usually in a pre-hospital setting. These professionals respond to medical emergencies and provide the critical care necessary to support, sustain and often save lives, including the timely removal of the patient to the next stage of treatment. Allied health professionals provide a range of diagnostic, therapeutic and direct patient care, as well as support services critical to other health professionals with whom they work.

- **Allied Health Care**
  - Mohawk Valley C
- **Emergency Medical Services**
  - Monroe C
- **Emergency Medical Services/Paramedic**
  - Mohawk Valley A
- **Emergency Medical Services Provider**
  - Erie (North & South) C

**EMERGENCY AND PARAMEDIC SERVICES (cont.)**

- **Emergency Medical Technology**
  - Finger Lakes C
- **Emergency Medical Technology/Critical Care Technician**
  - Broome E
- **Emergency Medical Technology: Paramedic**
  - Broome A, B
  - Dutchess A
  - Erie (South) A
  - Finger Lakes A
  - Herkimer County A
  - Hudson Valley A
  - Mohawk Valley A
  - Rockland A
  - Suffolk County C
- **Paramedic**
  - Cobleskill A, C
  - Finger Lakes A
  - Herkimer County C
  - Hudson Valley C
  - Jefferson A, C
  - Monroe A, C
  - Westchester A, C

**HEALTH MANAGEMENT**

Health administration professionals use their leadership, management and administrative skills to lead a wide array of health services in a variety of settings. These include food service operations, funeral directing, health care systems, hospital networks, veterinary facilities and wellness settings.

- **Business: Health Services Management Technology**
  - Herkimer County A
- **Dietary Management**
  - Nassau C
- **Emergency Medical Services Management**
  - Westchester C
- **Fitness Recreation Management**
  - Geneseo A
- **Food Service Administration**
  - Dietetic Technician – Nutrition Care
  - Morrisville A
- **Funeral Services Administration**
  - Canton B
- **Health Care Management**
  - Alfred State B
  - Canton B
  - Cortland B
  - Delhi B
- **Healthcare Administration**
  - Brockport B
- **Health Information Management**
  - SUNY Polytechnic Institute B
- **Health Information Management and Technology**
  - Hudson Valley A
- **Veterinary Service Administration**
  - Canton B

**HEALTH, WELLNESS AND PREVENTION**

The growing emphasis on preventative health care and health care reform, combined with an aging and multicultural population, presents an increased need for health, wellness and prevention professionals. As one of the fastest growing professions, practitioners may be found in a variety of public, private, corporate and education settings. Programs of study focus on the lifespan and incorporate mind, body and spirit approaches to creating and maintaining healthy lifestyles.

- **Addictions Counseling**
  - Jamestown A, C
- **Alcohol and Substance Abuse Studies**
  - Brockport A
- **Allied Health**
  - Empire State B
- **Athletic Training**
  - Brockport B
  - Cortland B
- **Chemical Abuse Counseling**
  - Fulton-Montgomery A
- **Chemical Dependency**
  - Jefferson A, C
- **Chemical Dependency Counseling**
  - Broome A, C
  - Corning A
  - Dutchess
  - Finger Lakes A
  - Hudson Valley A, C
  - Niagara County C
  - North Country A
  - Schenectady County A, C
  - Tompkins Cortland A, C
  - Westchester A, C
- **Chemical Dependency Practitioner**
  - Mohawk Valley A
- **Community & Behavioral Health**
  - SUNY Polytechnic Institute A
- **Community Health**
  - Cortland B
  - Potsdam B
- **Community Health Navigation**
  - Hudson Valley A, C
- **Dietetic Technician: Nutrition Care**
  - Morrisville A
  - Westchester A
- **Dietetics**
  - Buffalo State B
  - Oneonta B
- **Dietetics Studies**
  - Niagara County A
- **Exercise Science**
  - Brockport B
  - University at Buffalo B
  - Cortland B
  - Hudson Valley A
  - Potsdam B
- **Exercise Science & Wellness**
  - Dutchess A
- **Fitness and Wellness Leadership**
  - Plattsburgh A
- **Fitness Specialist**
  - Hudson Valley C
  - Suffolk County A

*3+3, 3+4 and 4+3 programs provide an accelerated opportunity for highly-motivated students to complete a bachelor's degree – along with the professional degree – in fewer years.

**Key:**
- B = Bachelor’s Degree
- A = Associate Degree
- C = Certificate
**HEALTH, WELLNESS AND PREVENTION (cont.)**

- Gerontology
  - North Country C
- Gerontology Studies
  - Oneonta B
- Health & Fitness Promotion
  - Canton A
- Health & Physical Education Studies
  - Corning A
- Health & Society
  - Old Westbury A
- Health and Wellness Promotion/Studies
  - Erie (City, North, South) A, Hudson Valley A
- Health Care Studies
  - Finger Lakes A
- Health Information Technology
  - Jamestown A, C
- Health Promotion and Wellness
  - Farmingdale B
- Health Related Studies
  - Morrisville A
- Health Science/Studies
  - Brockport A
  - Broome A, B
  - Cayuga A
  - Clinton A
  - Cobleskill A
  - Farmingdale C
  - Fulton-Montgomery A, C
  - Geneseo C
  - Hudson Valley C
  - Monroe A
  - Nassau A
  - Niagara County A
  - North Country A, C
  - Schenectady County C
  - Stony Brook A
- Health Sciences
  - Alfred State B
- Health - Wellness
  - Buffalo State A
- Human Performance and Health Promotion
  - Morrisville A, B
- Kinesiology
  - Brockport A
  - Kinesiology and Human Performance
    - Finger Lakes A
  - Kinesiology: Fitness Development
    - Cortland B
- Liberal Arts & Sciences: Exercise Studies
  - Orange County A
- Massage Therapy
  - Morrisville A
  - Niagara County A
  - North County A
- Medical Assistant-Assisting
  - Broome A
  - Columbia-Greene A
  - Erie (North) A
  - Niagara County A
  - Sullivan County A
- Mental Health Assistant
  - Dutchess A
- Mental Health Assistant: Substance Abuse Counseling
  - Erie (City) A
- Mortuary Science
  - Hudson Valley A
  - Nassau A
- Natural Science
  - Erie (City, North, South) A

**MEDICAL DIAGNOSTIC AND ANALYSIS (cont.)**

- Nutrition
  - Plattsburgh B
  - Schenectady County A
- Nutrition & Dietetics
  - Finger Lakes A, B
  - Mohawk Valley A
  - Nassau A
- Nutrition Science
  - Farmingdale B
- Personal Trainer/Fitness Instructor
  - Monroe C
- Personal Training
  - Niagara County A
- Physical Education & Exercise Science
  - Finger Lakes A
  - Monroe A
- Physical Education & Exercise Science Studies
  - Onondaga A
- Physical Education & Sport Management
  - Fulton-Montgomery A
- Physical Education Studies
  - Adirondack A
  - Delhi A
  - Erie (City, North, South) A
  - Geneseo A
  - Hudson Valley A
  - Jamestown A
  - Monroe A
  - Nassau A
  - Niagara County A
  - Sullivan County A
- Public Health
  - University at Buffalo B
- Public Health Education
  - Brockport A
- Recreation and Leisure Services
  - Mohawk Valley A
  - Recreation and Sports Management
    - Delhi A
- Recreation Leadership: Fitness
  - Sullivan A
- Recreation Studies
  - Corning A
  - Niagara County A
  - Sports and Leisure Studies
  - Erie (City, North, South) A
- Therapeutic Massage/Integrated Health Care
  - Finger Lakes A
- Therapeutic Recreation
  - Cortland B
- Wellness Coaching & Health Management
  - Monroe A
- Worksite Health Promotion
  - Hudson Valley A

**MEDICAL DIAGNOSTIC AND ANALYSIS**

From collecting samples, performing tests and conducting imaging examinations, these medical team members use the latest technology to analyze body fluids and tissue samples and to create diagnostic images. They also focus on biomedical research, supervision of laboratory testing, and the use of radioactive materials for diagnostic, therapeutic and research purposes. Some also train for careers as medicinal chemists in the pharmaceutical industry. Another component of this career field is preparing operating rooms and utilizing technology to treat respiratory diseases and sleep disorders.

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MEDICAL DIAGNOSTIC AND ANALYSIS (cont.)

Radiologic Technology: Radiation/Radiologic Therapy Technology
- Erie (City) A
- Nassau A
Respiratory Care
- Erie (North) A
- Genesee A
- Hudson Valley A
- Mohawk Valley A
- Nassau A
- Health Sciences Schools at Stony Brook B
- Stony Brook B
- Sullivan County A
- Upstate Medical University B
- Westchester A

Surgical Technician/Technology
- Hudson Valley A
- Mohawk Valley C
- Monroe A
- Nassau A
- Niagara County A
- Onondaga A

MEDICAL OFFICE AND RECORDS MANAGEMENT

Medical records and health information technicians organize and manage health related data to ensure its quality, accuracy, accessibility and security in both paper and electronic systems. They use various classification systems to code and categorize patient information for insurance reimbursement purposes, for databases and registries, and to maintain patients' medical and treatment histories.

Administrative Business Technology – Medical
- Nassau A, C
- Coding & Reimbursement Specialist
- Alfred State C

Health Information Technician/Technology
- Alfred State A
- Erie (North) A
- Jamestown A, C
- Mohawk Valley A
- Nassau A, C

Health Information Technology: Medical Records
- Broome A
- Erie (North) A
- Monroe A
- Onondaga A
- Suffolk County A

Health Services Management
- Clinton A

Medical Administrative Assistant
- Fulton-Montgomery A
- Genesee A

Medical Administrative Skills
- Broome A

Medical Coding & Billing
- Schenectady C
- Westchester C

Medical Coding & Transcriptionist
- Broome A
- Herkimer County C

Medical Office Administration
- Morrisville A

MEDICAL OFFICE AND RECORDS MANAGEMENT (cont.)

Medical Office Assistant
- Columbia-Greene C
- Erie (North) A
- Genesee A
- Orange County A

Medical Office Practice
- Erie (North) C

Office Technology – Medical
- Jefferson A

Office Technology: Medical Office Assistant
- Monroe C

MEDICAL SPECIALISTS

As valuable members of the medical community, these specialists focus on a specific area of care. They help patients regain movement, manage pain, develop or improve skills and fit devices for improvement to daily living. Some practitioners diagnose, contribute to a diagnosis and/or establish treatment plans. Several programs of study serve as undergraduate preparation for professional graduate degrees.

Communications Disorders & Science
- Fredonia B
- New Paltz B

Communications Sciences and Disorders
- Plattsburgh B

Occupational Science/Occupational Therapy
- University at Buffalo B

Occupational Therapy w/Sage Graduate School *
- Albany

Occupational Therapy 4+2 w/Sage Graduate School *
- Oneonta

Occupational Therapy Assistant
- Cayuga A
- Erie (North) A
- Jamestown A
- Orange County A
- Rockland A
- Suffolk County A

Ophthalmic Dispensing
- Erie (North) A

Physical Therapist Assistant
- Broome A
- Canton A
- Genesee A
- Herkimer County A
- Nassau A
- Niagara County A
- Onondaga A
- Orange County A
- Orange County (Middletown) A
- Suffolk County A

Physical Therapy
- Downstate Medical B

Physical Therapy 3+3 w/Upstate Medical University *
- Brockport B
- Environmental Science and Forestry
- Genesee
- Oneonta
- Oswego

MEDICAL SPECIALISTS (cont.)

Physical Therapy 4+3 w/Sage Graduate School *
- Oneonta

Physical Therapy w/Sage Graduate School *
- Albany

Speech & Hearing Science
- University at Buffalo B

Speech – Language Pathology
- Buffalo State B

NURSING

Nurses may choose from two distinct education options: a bachelor’s of science degree (BSN) in nursing or an associate (RN) degree in nursing. Certificate programs in practical nursing prepare graduates to enter the medical profession immediately or transition to RN degree studies. The required nursing curriculum touches many areas of the health care industry including anatomy, physiology, chemistry, microbiology, medical ethics, surgical nursing and psychology.

Nursing
- Adirondack A
- Alfred State A, B
- Binghamton B
- Brockport B
- Broome A
- University at Buffalo B
- Canton A
- Cayuga A
- Clinton A
- Columbia-Greene A
- Corning A
- Delhi A
- Dutchess A
- Erie A
- Farmingdale B
- Finger Lakes A
- Fulton-Montgomery A
- Genesee A
- Hudson Valley A
- Jamestown A
- Jefferson A
- Mohawk Valley A
- Monroe A
- Morrisville A, B
- Nassau A
- Niagara County A
- North Country A
- Onondaga A
- Orange County A
- Plattsburgh B
- Rockland A
- Health Sciences Schools at Stony Brook B
- Suffolk County A
- Sullivan County A
- SUNY Polytechnic Institute B
- Tompkins Cortland A
- Ulster County A
- Westchester A

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NURSING (cont.)

Nursing (Accelerated, non-nursing BA/BS required)
- Binghamton
- University at Buffalo
- Health Sciences Schools at Stony Brook

Nursing (Full-time and Part-time, RN Required)
- Brockport
- Downstate Medical Center
- Plattsburgh
- Health Sciences Schools at Stony Brook
- Upstate Medical University

Nursing (Evening)
- Hudson Valley
- Nassau

Nursing (Online Degree)
- Delhi
- Farmingdale

Nursing (RN Required)
- Binghamton
- Brockport
- University at Buffalo
- Canton
- Empire State College
- Plattsburgh
- Health Sciences Schools at Stony Brook

Nursing (RN to BS)
- Plattsburgh at Queensbury

Nursing/Family Nurse Practitioner
(Accelerated, RN required)
- SUNY Polytechnic Institute

Nursing/Nursing Education
- SUNY Polytechnic Institute

Practical Nursing
- Canton
- Niagara County
- North Country
- Suffolk County

PRE-MEDICINE

Pre-medicine is not a recognized academic major or minor; rather, it is a coordinated undergraduate curriculum that is designed to prepare students for advanced graduate study. It also provides an organized approach to academic advising for students who wish to apply to professional degree programs. Students are advised to share their pre-professional plans with their college advisor, academic advisor and/or pre-professional advisor to ensure a wide-range of support to help meet their academic goals.

Preparation for Professional Study in Medicine
Multiple Campuses
Contact a campus of interest to inquire about recommended programs.

Pre-Med 3+4 w/NYIT College of Osteopathic Medicine*
- Geneseo
- New Paltz
- Old Westbury

Pre-Med 3+4 w/Touro College of Osteopathic Medicine*
- New Paltz

Pre-Optometry 3+4 w/Optometry*
- Albany
- Binghamton
- Fredonia
- Geneseo
- New Paltz
- Oneonta
- Oswego
- Potsdam

PHARMACY AND PHARMACOLOGY

Pharmacy links health sciences with chemical sciences to ensure the safe and effective use of pharmaceutical drugs. It focuses on the preparation, dispensing and use of medications in health care. As a research-oriented biomedical scientific discipline, pharmacology focuses on how drugs alter body processes and serves as a foundation of medicine, pharmacy, dentistry, veterinary medicine and many other health care fields.

Biomedical Sciences/Pharmacy
- University at Buffalo

Chemistry/Pharmacy
- University at Buffalo

Pharmaceutical Sciences
- University at Buffalo

Pharmacology & Toxicology
- University at Buffalo

VETERINARY TECHNOLOGY AND ZOOLOGY

Veterinary technicians and technologists work as members of a veterinary team, providing supportive care to animals receiving treatment within a veterinary practice. From performing medical tests and diagnosing animal illness and injury to becoming a zookeeper or educator to learning about animal biology, practitioners pursue careers that embrace their passion for animals.

Equine Science
- Morrisville

Therapeutic Horsemanship
- Cobleskill

Veterinary Science Technology
- Alfred State
- Canton
- Delhi
- Ulster County

Veterinary Science Technology 1+1 w/Canton
- Adirondack

Veterinary Technology
- Canton
- Delhi
- Geneseo
- Westchester

Zoology
- Oswego

Zoo Technology
- Jefferson

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For more information about these academic programs, contact SUNY campuses on the web at www.suny.edu/contactcampuses