HEALTH AND 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
Jamesstown (Olean) C

Alcohol and Substance Abuse Studies/Counseling
Brockport B
Clinton C
Geneseo A

Allied Health
Empire State B

Athletic Training
Corning B

Chemical Abuse Counseling
Fulton-Montgomery A

Chemical Dependency
Jefferson C

Chemical Dependency Counseling
Brockport B, C
Corning A
Dutchess C
Finger Lakes A
Hudson Valley A, C
Niagara A
North Country A
Schenectady A, C
Suffolk A
Tompkins Cortland A, C
Westchester A, C

Chemical Dependency Practitioner
Mohawk Valley A

Community & Behavioral Health
SUNY Polytechnic Institute B

Community Health
Corning B
Potsdam B

Community Health Navigation
Hudson Valley A, C

Dietetic Technician: Nutrition Care
Morrisville A

Dietetics
Buffalo State B

Dietetics Studies
Niagara A

Exercise Science
Brockport B

Exercise Science & Wellness
Dutchess A

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
Herkimer County A

Dietary Management
Nassau C

Emergency Medical Services Management
Westchester C

Fitness & Recreation Management
Geneseo A

Funeral Services Administration
Canton B

Health Care Management
Alfred State B
Canton B
Corning B
Delhi B
Empire State C

Healthcare Administration
Brockport B

Healthcare Studies
Jamestown A, C
Jamesstown (Olean) A

Health Information Management
SUNY Polytechnic Institute B

Health Information Management and Technology
Hudson Valley A

Veterinary Service Administration
Canton B

Wellness Management
Oswego B

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.

Dental Assisting
Erie (North) C
Hudson Valley C
Monroe C

Dental Assisting Rapid Track
Monroe A

Dental Hygiene
Broome A
Erie (North) A, B
Farmingdale A, B
Hudson Valley A
Monroe A
Orange A

Dental Hygiene (Online degree)
Farmingdale B

Dental Laboratory Technology
Erie (South) A

Pre-Dental 3+4 w/Boston University's Goldman School of Dental Medicine A
Albany

EMERGENCY AND PARAMEDIC SERVICES

Emergency Medical Technology
Finger Lakes C

Emergency Medical Technology/Critical Care Technician
Broome C

Emergency Medical Technology: Paramedic
Broome A, C
Dutchess A
Erie (South) A, C
Finger Lakes A
Herkimer A
Hudson Valley A

Paramedic
Cobleskill A, C
Dutchess C
Finger Lakes C
Herkimer C
Hudson Valley C
Jefferson A
Monroe A, C
Westchester A, C

EMERGENCY AND PARAMEDIC SERVICES (cont.)

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 Medical Technician: Paramedic
Suffolk A

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

**Massage Therapy**
- Morrisville ^A
- Niagara ^A
- North Country ^A

**Medical Assistant/Assisting**
- Broome ^A
- Columbia-Greene ^A
- Erie (North) ^A
- Niagara ^A
- Sullivan ^A

**Mental Health Assistant**
- Dutchess ^A
- Mental Health Assistant: Substance Abuse Counseling
  - Erie (City) ^A

**Mortuary Science**
- Plattsburgh ^A
- Schenectady County ^A

**Nutrition**
- Plattsburgh ^A
- Schenectady County ^A

**Nutrition & Dietetics**
- Finger Lakes ^A
- Mohawk Valley ^A

**Nutrition Science**
- Farmingdale ^A

**Nursing**
- NYS College of Agriculture & Life Sciences at Cornell ^A

**Personal Trainer/Fitness Instructor**
- Monroe ^C

**Physical Education & Exercise Science**
- Finger Lakes ^A
- Monroe ^A

**Physical Education & Exercise Science Studies**
- Onondaga

**Physical Education & Sport Management**
- Fulton-Montgomery ^A,C
- Genesee ^C

**Physical Education Studies**
- Adirondack ^A
- Delhi ^A
- Erie (City, North, South) ^A
- Genesee ^A
- Hudson Valley ^A
- Jamesstown ^A
- Nassau ^A
- Niagara ^A
- Suffolk ^A
- Sullivan ^A

**Public Health**
- University at Albany ^B
- University at Buffalo ^B
- Orange ^A
- Rockland ^A
- Sullivan ^A

**Public Health Education**
- Brockport ^B

**Recreation and Leisure Services**
- Mohawk Valley ^A

**Recreation and Sports Management**
- Delhi ^A

**Recreation Leadership: Fitness**
- Sullivan ^A

**Recreation Studies**
- Niagara ^A

**Sports and Leisure Studies**
- Erie (City, North, South) ^A

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**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.

**Clinical Laboratory Sciences**
- Health Sciences Schools at Stony Brook ^A
- Stony Brook ^A

**Clinical Laboratory Technician**
- Broome ^A
- Dutchess ^A
- Erie (North) ^A

**Clinical Laboratory Technician – Medical Laboratory Technician**
- Monroe ^A

**Cytotechnology**
- Plattsburgh ^A

**Diagnostic Cardiac Sonography**
- Hudson Valley ^C

**Diagnostic Medical Imaging**
- Downstate Medical Center ^B

**Diagnostic Medical Sonography**
- Alfred State ^A
- Hudson Valley ^C
- Upstate Medical University BS/BPS

**Health Studies – Radiologic Technology**
- Mohawk Valley ^A

**Histological Technician**
- Broome ^A,C

**Histotechnician**
- Cobleskill ^A

**Medical Biotechnology**
- Upstate Medical University ^B

**Medical Imaging Sciences**
- Upstate Medical University ^B

**Medical Laboratory Technology/Technician**
- Nassau ^A
- Orange County ^A

**Medical Technology**
- Brockport ^B
- University at Buffalo ^B
- Farmingdale ^B
- Fredonia ^B
- Plattsburgh ^B
- Upstate Medical University ^B

**Medicinal Chemistry**
- University at Buffalo ^B

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MEDICAL DIAGNOSTIC AND ANALYSIS (cont.)

Nuclear Medicine Technology
University at Buffalo A

Phlebotomist/Phlebotomy
Broome C
Dutchess C
Niagara C

Polysomnographic/Polysomnography
Genesee B
Hudson Valley A
Stony Brook B

Radiation Therapy
Upstate Medical University B

Radiation Therapy Technology
Erie (City) A

Radiologic Technology
Alfred State A
Broome A
Fulton-Montgomery A
Hudson Valley A
Monroe A
Nassau A
Niagara A
North Country A
Orange A
Westchester A

Radiologic Technology: Radiation/Radiologic Therapy Technology
Nassau A

Respiratory Care
Erie (North) A
Genesee A
Hudson Valley A
Mohawk Valley A
Nassau A
North Country A
Orange A
Westchester A

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

MEDICAL OFFICE AND RECORDS MANAGEMENT (cont.)

Jamestown A, C
Mohawk Valley A
Nassau A, C

Health Information Technology: Medical Records
Broome A
Monroe A
Onondaga A
Suffolk A

Health Services Management
Clinton A

Medical Administrative Assistant
Genesee C

Medical Administrative Skills
Broome C

Medical Coding & Billing
Schenectady C
Westchester C

Medical Coding & Transcriptionist
Herkimer County C

Medical Office Administration
Morrisville A

Medical Office Assistant
Columbia-Greene C
Genesee C
Orange A

Medical Office Practice
Erie (North) C

Office Technologies – Medical
Jefferson A

Office Technology: Medical Office Assistant
Monroe C

MEDICAL SPECIALISTS

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

Physical Therapy
Downstate Medical B/SOFT

Physical Therapy 4+3 w/Upstate Medical University A
Brockport Environmental Science and Forestry
Genesee
Oneonta
Oswego

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

Physical Therapy w/Sage Graduate School *
Albany

Speech & Hearing Science
University at Buffalo B
Cortland A

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 A
Brockport B
Broome A
University at Buffalo B
Canton A, B
Cayuga A
Clinton A
Columbia-Greene A
Corning A
Dutchess A
Erie (City, North) A
Farmingdale B
Finger Lakes A
Fulton-Montgomery A
Genesee A
Hudson Valley A
Jamestown A
Jamestown (Olean) A
Jefferson A
Mohawk Valley A
Monroe A
Morrisville A, B
Nassau A

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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 (Accredited SOFT)

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 A
Rockland A
Suffolk 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 A

Health Information Records Management
Fulton-Montgomery A

Health Information Technician/Technology
Alfred State A
Erie (North) A
### NURSING (cont.)

<table>
<thead>
<tr>
<th>Location</th>
<th>Program Name</th>
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<tbody>
<tr>
<td>Niagara</td>
<td>Nursing (Accelerated, non-nursing BA/BS required)</td>
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<tr>
<td>North Country</td>
<td>Nursing (Full-time and Part-time, RN Required)</td>
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<tr>
<td>Orange</td>
<td>Nursing (Evening)</td>
</tr>
<tr>
<td>Plattsburgh</td>
<td>Nursing (Part-time, RN Required)</td>
</tr>
<tr>
<td>Sullivan</td>
<td>Nursing (RN Required)</td>
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<tr>
<td>SUNY Polytechnic Institute</td>
<td>Nursing (Online Degree)</td>
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<tr>
<td>Tompkins Cortland</td>
<td>Nursing (Online Degree)</td>
</tr>
<tr>
<td>Ulster</td>
<td>Nursing (RN to BS)</td>
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<tr>
<td>Westchester</td>
<td>Nursing (RN to BS)</td>
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<tbody>
<tr>
<td>SUNY Polytechnic Institute</td>
<td>Nursing/Nursing Education BS/MS</td>
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<tr>
<td>SUNY Polytechnic Institute</td>
<td>Nursing/Transformational Leadership BS/MS</td>
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<tr>
<td>SUNY Polytechnic Institute</td>
<td>Practical Nursing</td>
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<tr>
<td>Canton</td>
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<td>North Country</td>
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<tr>
<td>Suffolk</td>
<td>SUNY Polytechnic Institute</td>
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### 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**

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 healthcare. 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 BS/PharmD

#### Chemistry/Pharmacy

- University at Buffalo BS/PharmD

#### Pharmaceutical Sciences

- University at Buffalo BS/PharmD

#### Pharmacology & Toxicology

- University at Buffalo BS/PharmD

### 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 BTEC

#### Therapeutic Horsemanship

- Cobleskill B

#### Veterinary Science Technology

- Alfred State A
- Canton A
- Delhi B
- Geneseo A
- Old Westbury A
- Oneonta A
- Potsdam A

#### Veterinary Technology

- Canton B
- Delhi B
- Geneseo A
- Potsdam A

#### Zoo Science

- Morrisville BTEC

### NURSING (cont.)

<table>
<thead>
<tr>
<th>Location</th>
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<tbody>
<tr>
<td>SUNY Polytechnic Institute</td>
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<tr>
<td>Canton</td>
<td>SUNY Polytechnic Institute</td>
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<tr>
<td>North Country</td>
<td>SUNY Polytechnic Institute</td>
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<tr>
<td>Suffolk</td>
<td>SUNY Polytechnic Institute</td>
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### SUNY Polytechnic Institute

- SUNY Polytechnic Institute BS/MS

For more information about these academic programs, contact SUNY campuses on the web at [www.suny.edu/contactcampuses](http://www.suny.edu/contactcampuses)

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