



Health Sciences Programs

A.S. Transfer Degree



This is a Transfer A. S. Degree

Your degree will be an A.S. in Health Sciences

This is strictly a transfer degree: You cannot be licensed to work in the field until you have transferred to another institution to complete the course and clinical rotation requirements.



Degree Concentrations

Medical Imaging/ Radiography
Medical Technology & Medical Biotechnology
Radiation Therapy
Respiratory Therapy
Physical Therapy
Cardiovascular Perfusion
Chiropractic Medicine



Medical Imaging/ Radiography

Radiographers use x-rays and other images such as CT scans or MRI's to help a physician diagnose an injury or disease.

Must be a “people person” : A great deal of patient contact. Patients are often in pain or in fear of the outcome of the test.

Requires computer skills and feeling comfortable with computer use.

Work in hospitals, private imaging centers, doctor's offices

National Salaries at \$63,120 / year



Medical Technology

Med Techs work with blood and other body fluids to perform lab tests that are used to diagnose and treat diseases.

Minimal patient contact, must be able to work independently, must be comfortable with use of sophisticated equipment including equipment repair and maintenance.

Work in hospitals, private labs, research facilities

National Salaries at \$60,000 – \$81,000 /year



Medical Biotechnology

Conduct Medical Research in academic and industrial settings (i.e. pharmaceutical companies)

Assist scientists in their research as well as develop tests necessary to support research

Within the field of Medical Technology

Limited to no patient contact

National Salaries at \$66,000/ year but dependent on research facility



Radiation Therapy

Use radiation to treat Cancer Patients. Work with a team of oncologists. Use x-ray equipment to locate precise treatment area, construct patient immobilization devices, construct beam shaping devices using computers. Calculate radiation doses.

Requires exceptional people skills:

Great deal of patient contact. Patients usually experiencing a great deal of stress and very ill

Requires feeling comfortable with computer technology.

Work in hospitals and radiation/oncology centers

National Salaries at \$72,290/year



Respiratory Therapy

Treat patients with breathing problems due to illness or injury

Often work under stressful conditions in Intensive Care units, Operating rooms and Emergency rooms. Work with a wide variety of patients from newborns to the elderly.

Close patient contact, often under life-threatening conditions

Work in Hospitals and Rehabilitation Centers

National Salaries at \$69,000/ year



Physical Therapy

Requires a Bachelor's Degree for transfer into a Doctor of Physical Therapy program, GRE scores, work or volunteer experience in the field

Work one on one with patients recovering from an illness or injury

Work in Hospitals, Private practice, Rehab centers

National Salaries at \$88,000/ year



Clinical Perfusion

Requires a Bachelor's Degree for entry into a transfer M.S. program

Operating room specialists that pump and oxygenate patients blood when the function of the heart or lungs is stopped – usually during a surgical procedure.

Work under life threatening conditions, work with heart surgeons, must be able to make quick often life or death decisions

Minimal to no patient contact

National Salaries at \$135,000/ year



Chiropractic Medicine

Requires a total of 90 credits for admission to NYCC

Involved in the diagnosis, treatment and prevention of disorders of the neuromusculoskeletal system and the effects of these disorders on general health. Involves manual manipulation of joints and soft tissues.

Work in group or private practices.

National Salaries at \$85,000/ year – very much dependent on private vs group practice



Transfer Institutions

Articulation Agreements: transfer agreements with local institutions. Updated on an annual basis to meet course transfer requirements.

SUNY Upstate Medical University only offers Junior/Senior years for B.S. degrees in the Health Sciences, therefore, all of their students are transferring in credits. They will accept 60 credits toward the B.S. degree at their institution.

New York Chiropractic College (NYCC) will accept 90 credits in transfer credits toward their Doctor of Chiropractic Medicine degree



SUNY Upstate, Upcoming Events

Here's a selection of upcoming events (SUNY Upstate Virtual Events: <https://engage.upstate.edu/portal/virtual-events>):

Physician Assistant Info Session, October 26

Doctor of Physical Therapy Info Session, November 2

Bachelor's in Nursing General Information Session (for RN's), November 2

Medical School Advisement Session, November 3 & December 1

Radiation Therapy: Virtual Information Session, November 4

Clinical Perfusion Info Session, November 4

Medical Imaging Sciences: Virtual Information Session, November 5

Respiratory Therapy: Virtual Information Session, November 12 [NEW]

Masters of Public Health Information Session, November 13

General Information Session (Virtual), November 18 & December 18 [NEW]

Clinical Laboratory Sciences Virtual Information Session, November 19 & December 2 [NEW]



Transfer Institutions

You must complete the application process to transfer into a B.S. degree program.

This process differs per transfer institution.

Shadowing and volunteer work in the Health Science field of your choice is highly recommended and usually required for the application process



Other Transfer Institutions

The core courses in our concentrations within the Health Sciences Program meet transfer requirements for the vast majority of transfer institutions nationally.



Core Course Requirements listed by Concentration

Requirements for CCC degree listed first

Requirements for transfer (SUNY Upstate or NYCC) listed second

60 credits required for transfer to Upstate, 90 credits to NYCC

This allows students that already have a degree to see what courses they need to meet transfer pre-requisites.



CAYUGA
COMMUNITY COLLEGE

School of Health Sciences: College Catalog

The core courses are listed by concentration.
All concentrations require core courses for an
A.S. degree such as English, History, Math.....



School of Health Sciences: College Catalog

Each concentration requires Anatomy and Physiology I and II.

The science and elective requirements differ for each concentration.

For example, Radiology (X-ray) requires Physics, Medical Technology, Respiratory therapy, Biotechnology require Chemistry. Radiation therapy, Physical Therapy & Clinical Perfusion require both Chemistry and Physics.



School of Health Sciences: College Catalog

Be sure to consult the college catalog for each concentration requirement.

To locate the college catalog, go to the CCC website and follow these links: Academics; School of Health Sciences; on the left side Health Sciences A.S. : Click on the concentration you are interested in to view the required courses.

