

# ARE YOU INTERESTED IN A HEALTH SCIENCE CAREER?

There are many health professional careers from which to choose.  
Here is a list of some health science programs and the amount of college education required.

**Do web searches to find key sites that provide you with information about the job responsibilities, education, and location of professional programs.**

\* Speak with Dr. Alison Fedrow or Dr. Marcie Lehman in the Biology Department (Directors of Health Sciences) to discuss your specific plans and educational opportunities in given disciplines.

After you decide on a profession, examine the requirements (coursework, standardized tests, required hours of shadowing, etc.) that are necessary for admission to specific schools in that discipline.

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## One-Year Post-baccalaureate Programs

(4 years at Ship, then 1 year at another institution)

Medical Technology (*aka: Medical Laboratory Science*)  
Cytotechnology  
Respiratory Therapy  
Nuclear Medicine Technology  
Invasive Cardiovascular Technology

Histotechnology  
Nursing (accelerated 2<sup>nd</sup> degree BSN)  
Diagnostic Imaging (e.g., sonography, radiography)

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## Masters Degree Programs (4 years at Ship, then 2 years at another institution)

*Most of these programs will require scores from the GRE – Graduate Record Exam – as part of the application.*

Physician Assistant  
Occupational Therapy (entry-level masters)  
Nursing (entry-level masters)  
Forensic Medicine  
Pathologists' Assistant  
Speech/Language Pathology (usually requires a considerable number of specific undergraduate SLP courses prior to acceptance into a master's program in SLP)  
Acupuncture/Herbal Medicine  
Laboratory Animal Science  
Low Vision Rehabilitation  
Orientation & Mobility Therapy  
Biological & Medical Illustration  
Family Therapy  
Gerontology  
Emergency Medical Services  
Health Care Education Technology  
Health Care Management & Supervision  
Health Information Systems  
Cardiovascular Rehabilitation Therapy & Exercise Science  
Anesthetist Assistant

Public Health (MPH programs)  
- epidemiology  
- biostatistics  
- health service administration  
- behavioral sciences (health education)  
- environmental health sciences

Creative Arts in Therapy  
- art therapy  
- music therapy  
- dance/movement therapy

Biomedical Science Graduate Programs  
- clinical microbiology  
- microbiology & immunology  
- molecular & cellular biology  
- pharmacology  
- radiation sciences  
- toxicology

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## Doctoral Programs

(4 years at Ship, then 3-4 years at another institution)

Most of these programs will require either scores from the Graduate Record Exam (GRE) or from standardized exams specific to their discipline [e.g., Medical College Admissions Test (MCAT); Optometry Admissions Test (OAT); Dental Admissions Test (DAT); Pharmacy College Admissions Test (PCAT)]

### - 3 year professional programs -

Physical Therapy  
Occupational Therapy (entry-level doctoral programs)  
Chiropractic  
Naturopathic Medicine

### - 4 year professional programs -

Osteopathic Medicine (D.O.)  
Allopathic Medicine (M.D.)  
Veterinary Medicine  
Optometry  
Podiatric Medicine (aka: Podiatry)  
Dentistry  
Audiology  
Pharmacy

### Ph.D. Biomedical Sciences Graduate Programs

- cardiovascular biology
- microbiology & immunology
- molecular & cellular biology
- molecular pathology
- neuroscience
- pharmacology
- physiology
- radiation sciences
- and other disciplines...

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## ARTICULATION PROGRAMS

Articulation agreements that Shippensburg University has established with the following health professional programs enable students with strong academic credentials who schedule the proper course sequence to apply one year early to the specific affiliate professional school, thereby reducing the time they are in undergraduate school by one year.

The B.S. in Biology is conferred to the student after successful completion of their first professional year. Specific coursework is required during the three years at Shippensburg University, so early planning with your advisor is essential if you are interested in these opportunities.

New York Chiropractic College (3+3)  
Logan University - College of Chiropractic (3+3)  
Temple University School of Podiatric Medicine (3+4)  
Salus University - College of Optometry (3+4)

Updated: October 2021