INTERESTED IN A HEALTH SCIENCE CAREER?

There are many health professional careers to choose from. 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. David Long in the Biology Department (Director 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.

Transfer Programs with Thomas Jefferson University – Jefferson College of Health Professions (2 years at Ship, then 2-3 years at TJU)

Specific prerequisite courses must be taken at Shippensburg University during the first two years with a minimum GPA of 3.0 to be considered by TJU. Application to TJU occurs early in the fall semester of the sophomore year at SU.

Thomas Jefferson University – transfer programs:

- Nursing (2+2)
- Radiologic Sciences (e.g., x-ray, ultrasound, MRI) (2+2)
- Clinical Laboratory Sciences (e.g., cytotechnology, biotechnology) (2+2)
- Occupational Therapy (2+3, leading to the BS & MS in OT)

Post-baccalaureate Certificate or Accelerated 2nd Degree 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 2nd degree BSN)
- Diagnostic Imaging (e.g., sonography, radiography)

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
- Pathologist Assistant
- Speech/Language Pathology
- 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
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
  - 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…

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 College of Chiropractic (3+3)
Temple University School of Dentistry (3+4)
Temple University School of Podiatric Medicine (3+4)
Salus University - College of Optometry (3+4)
Philadelphia College of Osteopathic Medicine (3+4)

November 2013