

Health Science

Associate in Applied Science Degree

Program **HLTH.SCI.AAS**
CIP 511004



The Health Science meta major provides a common pathway within the first two semesters for students interested in pursuing a degree or working in an allied health career area. The core curriculum consists of general education, mathematics, and science courses.

For subsequent semesters, students select from among three pathway options leading to an Associate in Applied Science or Associate in Science degree. Total credits required for each option vary, consistent with the area of study and/or associated accrediting agency.

PROGRAM OUTCOMES

- Develop the knowledge, skills, and professional requirements of an allied health professional;
- Demonstrate the ability to apply the scientific method to gather and use information;
- Integrate critical thinking and problem solving appropriate for student's allied health discipline;
- Exhibit proficiency in the scientific area of student's licensure/certification.

Core Curriculum

Code	Course (lecture/lab hours)	Credits
FIRST SEMESTER		
BIO 103	Anatomy and Physiology I (3/3)	4
CSW 100	College Success and Personal Wellness (2/0)†	2
ENG 101	English Composition I (3/0)	3
MAT 135	Intermediate Algebra with Applications (4/0)	3-4
	OR	
MAT 125	Elementary Statistics I (3/0)	
PSY 101	Introduction to Psychology (3/0)	3
SECOND SEMESTER		
BIO 104	Anatomy and Physiology II (3/3)	4
ENG 102	English Composition II (3/0)	3
— —	General Education elective ¹	3
— —	General Education elective ¹	3
		28-29

¹ Refer to requirements specified in chosen pathway option (below).

† Some exemptions apply. Consult academic advisor for details.

NOTE: Students must earn a minimum grade of C in all science and math core courses. Students interested in the Rider University guaranteed transfer for the Allied Health Studies B.S. degree must see the Health Science program coordinator.

PATHWAY OPTIONS FOR FOLLOWING SEMESTERS

HEALTH SCIENCE A.A.S. DEGREE

An opportunity for eligible health care professionals to earn the Associate in Applied Science degree and prepare for transfer to a four-year institution offering a baccalaureate program in the health sciences. This program is designed for individuals already possessing allied health credentials, or current students seeking a program change. Professional core credits are awarded for previously held licenses or certification according to the didactic and clinical hours of study.

COURSES	CREDITS
Core Curriculum ¹	28-29
Science elective ²	4
Technical and Professional electives ³	<i>minimum of 11</i>
Professional Core credits ⁴ and/or Technical and Professional electives ³	1-18
Total Degree Credits:	61-62

¹ SECOND SEMESTER: Select courses from the following general education categories: Social Science, Humanities, Historical Perspective, Diversity and Global Perspective.

² Select from Microbiology (BIO 201), Genetics (BIO 208), Organic Chemistry I (CHE 201).

³ Select from BIO 101, 102, 201, 208, 217; BUS 105, 209; CHE 101, 102, 107, 201; CIS 173, 175; CMN 111, 112; HPE 101, 105, 113, 151, 241; MAT 125, 126, 135, 140, 146, 200; MLT 112; NUR 151; PBH 101; PHI 205; PHY 101, 102, 109, 111; PTA 105; SPA 101, 102, 121, 122.

⁴ Consult Health Science program coordinator for details.

HEALTH PROFESSIONS PROGRAMS

For complete details on each option, refer to the pages in this catalog (28-128) dedicated to each program:

- Exercise Science
- Medical Laboratory Technology (MLT)*
- Nursing*
- Occupational Therapy Assistant* (with Rutgers University)
- Physical Therapist Assistant (PTA)*
- Public Health
- Radiography*
- Respiratory Care* (with Brookdale Community College)

*Admission to licensure-based programs is limited to a specific number of candidates due to accrediting and clinical agency requirements. Students must petition for entry, completing application requirements by the end of the first semester of meta major Core Curriculum. Once accepted, students follow the degree requirements for their chosen program.

COURSES	CREDITS
Core Curriculum ¹	28-29
Total Degree Credits:	<i>vary, depending on chosen program</i>

¹ SECOND SEMESTER: Select general education courses in accordance with requirements stipulated in the chosen Health Professions program. Consult coordinator of that specific program for details.

The two-semester (or less) **Certificate of Proficiency in Medical Office Assistant** (page 96) can also be started following the meta major's *first semester*.

RADIOGRAPHY CONCENTRATION at St. Francis Medical Center

This Health Science degree with a JRCERT (Joint Review Committee on Education in Radiologic Technology) accredited Hospital Based Radiography Diploma Program concentration allows graduates to meet eligibility requirements for the American Registry of Radiologic Technologists (ARRT) certification examination and prepares students for transfer into a four-year program. Students must apply for acceptance from the SFMC (Trenton) School of Radiologic Technology.

COURSES	CREDITS
Core Curriculum ¹	28-29
Science elective ²	3
SFMC Technical and Professional courses ³	12
Diploma from SFMC	18
Total Degree Credits:	61-62

¹ SECOND SEMESTER: Select from PHI 204 or 205 along with one course from Diversity and Global Perspective general education category.

² Select from BIO 115, 201; PHY 109 (preferred).

³ St. Francis Medical Center School of Radiologic Technology approved courses:

RAD CT	Computerized Tomography and Cross Sectional Anatomy
RAD PRO201	Radiographic Procedures 201
RAD MT	Medical Terminology
RAD PC I	Patient Care I
RAD PC II	Patient Care II