



2023-2024 Academic Year

# Health Science

## Associate in Applied Science Degree (A.A.S.)

Health Professions Division

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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.

## DEGREE CURRICULUM

2023-2024 Academic Year

HLTH.SCI.AAS  
CIP 511004

The course sequence below represents a recommended example of how this degree program can be completed in two years, presuming a Fall Term start and satisfaction of all Developmental Studies (foundation courses) requirements and prerequisites. Actual approaches toward completion depend on each student's anticipated transfer institution, career objectives, or other individual circumstances.

Students are encouraged to meet regularly with an academic advisor or Success Coach to consider options, establish plans, and monitor progress.

Code	Course (lecture/lab hours)	Credits
<b>FIRST SEMESTER</b>		
<a href="#">BIO 103</a>	Anatomy and Physiology I (3/3)	4
<a href="#">CSH 100</a>	College Success for Health Professions (1/1)	2
	<ul style="list-style-type: none"> <li>Some exemptions apply. Consult academic advisor for details.</li> </ul>	
<a href="#">ENG 101</a>	English Composition I (3/0)	3
<a href="#">MAT 125</a>	Elementary Statistics I (3/0)	3
<a href="#">PSY 101</a>	Introduction to Psychology (3/0)	3
<b>SECOND SEMESTER</b>		
<a href="#">BIO 104</a>	Anatomy and Physiology II (3/3)	4
<a href="#">ENG 102</a>	English Composition II (3/0)	3
— —	<a href="#">General Education elective</a>	3
	<ul style="list-style-type: none"> <li>Refer to requirements specified in chosen pathway option (below).</li> </ul>	
— —	<a href="#">General Education elective</a>	3
	<ul style="list-style-type: none"> <li>Refer to requirements specified in chosen pathway option (below).</li> </ul>	
		<b>28</b>

**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 <sup>1</sup>	28
Science elective <sup>2</sup>	4
Technical and Professional electives <sup>3</sup>	<i>minimum of 11</i>
Professional Core credits <sup>4</sup> and/or Technical and Professional electives <sup>3</sup>	1-17
<b>Total Degree Credits:</b>	<b>60</b>

<sup>1</sup> SECOND SEMESTER: Select courses from the following [general education](#) categories: Social Science, Humanities, Historical Perspective, Diversity and Global Perspective.

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

<sup>3</sup> 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, 140, 146, 200; MLT 112; MOA 101, 103; NUR 151; PBH 101; PHI 205; PHY 101, 102, 109, 111; PTA 105; SPA 101, 102, 121, 122.

<sup>4</sup> Consult Health Science program coordinator for details

# HEALTH PROFESSIONS PROGRAMS

For complete details on each option, refer to pages dedicated to each program:

- [Exercise Science](#)
- [Medical Laboratory Technology](#)\*
- [Nursing](#)\*
- [Occupational Therapy Assistant](#)\*  
(with Rutgers University)
- [Physical Therapist Assistant](#)\*
- [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 <sup>1</sup>	28
<b>Total Degree Credits:</b>	<i>vary, depending on chosen program</i>

<sup>1</sup> 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) [Medical Office Assistant](#) Certificate of Proficiency 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 <sup>1</sup>	28
Science elective <sup>2</sup>	3-4
SFMC Technical and Professional courses <sup>3</sup>	12
Diploma from SFMC	18
<b>Total Degree Credits:</b>	<b>61-62</b>

<sup>1</sup> SECOND SEMESTER: Select from PHI 204 or 205 along with one course from Diversity and Global Perspective [general education](#) category.

<sup>2</sup> Select from BIO 115, 201; PHY 109 (preferred).

<sup>3</sup> 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