

Somerset County Vo-Tech Program Overview

Academy for Health & Medical Sciences



The Academy for Health & Medical Sciences is a rigorous 4 year Honors Program for highly focused, college bound students. The Program is a partnership between the Somerset County Vocational & Technical High School and Raritan Valley Community College. Successful students will graduate with both a high school diploma and an Associate degree in General Science.

In the fall of their 8th grade year, students in both Somerset and Hunterdon County may apply to the Academy for Health and Medical Sciences. Students are accepted into the Academy based on the following admissions criteria: 7th and 8th grade GPAs, 7th grade standardized test scores, admissions testing for mathematics, language arts, and a personal interview. Only students who meet the minimum amount of points are eligible for admission.

In order to remain in the Academy, students must maintain a cumulative GPA of 3.0 or higher in all classes, including their high school and college courses, at the end of each quarter on their high school transcript. The Academy student must also obtain a GPA of 3.0 or higher at the end of each semester on their college transcript.

Curriculum:

Year 1:

- High school coursework including Honors courses in Biology, World History, Algebra II, Earth and Space Science, English, and Spanish

Year 2:

- High school coursework including Honors courses in History, Advanced Geometry/Trigonometry, English, Spanish, and Medical Mathematics, Medical Terminology
- Anatomy & Physiology 1 & 2, Intro to Cultural Anthropology, Human Origins (14 college credits)

Year 3:

- High school coursework including Honors courses in History, Spanish, Physical Science and Workplace Experiences
- Pre-Calculus 1 & 2, Gen. Biology 1 & 2, Gen Chemistry 1 & 2, English Composition I (25 college credits)

Year 4:

- High school course work including Financial Literacy and Honors Spanish
- Current Social & Moral Issues, Calculus 1 and Statistics 1, Gen. Physics 1 & 2, English Composition II (21 college credits)

Classes meet on both SCVTHS and RVCC campuses

Average number of new students accepted per year: 30

Opportunity for professional certifications: NO

Opportunity to earn college credits: YES

Opportunity to earn a college degree: YES

Recent Student Post-Secondary Destinations

Boston University

Cornell University

Ithaca College

Johns Hopkins University

Massachusetts Institute of Technology

New Jersey Institute of Technology

Princeton University

Rutgers University

Stanford University

Stevens Institute of Technology

Temple University

The College of New Jersey

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