

ACADEMY for HEALTH and MEDICAL SCIENCES

at Somerset County Vocational & Technical Schools

PROFILE 2024 - 2025

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INTRODUCTION

The Academy for Health and Medical Sciences (AHMS) is a "school" within a school and is located at Somerset County Vocational and Technical High School. AHMS began in the 2006-2007 school year and the first Academy class graduated in the 2009-2010 school year. Students enter the ninth grade year as a cohort and progress through an intensive four year course of study sequence. The Academy for Health and Medical Sciences, in conjunction with Raritan Valley Community College, provides students with the opportunity to earn both a New Jersey high school diploma and an Associate's Degree in General Science. In order to remain in this highly specialized program, students need to maintain a cumulative GPA of 3.0 or higher in all courses.

In the 2023-2024 school year, 25 students received degrees from Raritan Valley Community College. These 25 students also earned a high school diploma from Somerset County Vocational Technical High School.

STUDENT SELECTION

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, and language arts, and personal interview. Only students who meet a minimum point level are eligible for admission.

COURSE OFFERINGS

Science (all are laboratory courses): Honors Biology, Honors Physical Science, Honors Earth & Space Science, General Biology I* & II*, Anatomy & Physiology I* & II*, General Chemistry I* & II*, General Physics I* & II*

Mathematics: Honors Algebra II, Honors Geometry, Pre-Calculus I* & II*, Calculus I* & II* or Statistics I* & II*

English: Honors English 9, Honors English 10, English Composition 1*, English Composition II*

World Language: Honors Spanish 1, 2, 3, 4, 5

Social Studies: Honors World History, Honors US History 1, Honors US History 2, Intro to Cultural Anthropology*, Human Origins*

General Education: Current Social & Moral Issues*

Visual and Performing Arts: Art 1, Photography

21st Century Life and Careers, or Career-Technical Education: Workplace Experience

Physical Education/Health: Physical Education/Health 9, 10, 11, 12

Financial Literacy

Medical Mathematics, Medical Terminology

*Dual Academic Credit course with Raritan Valley Community College

GRADING POLICY

Grades for RVCC courses may be interpreted as follows:

90-100	85-89	80-84	75-79	70-74	65-69	64-0
A	B+	B	C+	C	D	F

Grades for AHMS courses may be interpreted as follows:

97-100	93-96	90-92	87-89	83-86	80-82	77-79	73-76	70-72	65-69	64-0
A+	A	A-	B+	B	B-	C+	C	C-	D	F

Grade Point Average	Number in Class	Average GPA	Highest GPA
<i>Class of 2022</i>	25	3.883	4.000
<i>Class of 2023</i>	22	3.891	4.000
<i>Class of 2024</i>	25	3.91	4.000

*Grading Scale based on maximum 4.0 Quality Points.

NOTE: The Grade Point Average (GPA) appearing on the high school transcript is unweighted and includes all subjects that satisfy the High School Diploma Graduation Requirements and the Raritan Valley Community College's Associate's Degree in General Science/Pre-Health Professional. The GPA for coursework taken through Raritan Valley Community College (RVCC) can be found on the college transcript. The following is the latest reported SAT data:

SAT Average	ACADEMY Class of 2022 Class of 2023 Class of 2024	NEW JERSEY 2023 Results	NATIONAL 2023 Results
Math	750 765 746	528	508
Reading/Writing	712 718 727	538	520

AWARDS AND HONORS

Academy Principal's Honor Roll: Awarded each marking period to students earning an "A" or above in all subjects.

Academy Honor Roll: Awarded each marking period to students earning a "B" or above in all subjects.

National Honor Society for High School Students: Open to juniors and seniors who meet the society's standards for academics, character, leadership, and service. Students must have a GPA of 3.50 or above in their high school and college coursework in order to be considered.

Phi Theta Kappa Honor Society for Community College Students: Open to juniors and seniors who have a GPA of 3.50 or above in their Raritan Valley Community College coursework.

COLLEGE PLACEMENT

One hundred percent of the students who earned an Associate's Degree will be attending a four-year college or university. Graduates from the Academy have been accepted for admission to the institutions listed below:

Albright College	Holy Cross College
American University	Hofstra University
American University of Paris	Howard University
Arcadia University Baylor University Benedict College Bennington College Boston University Brandon University—Canada Brown University	Ithaca College
Brown University — 8 year PLME (Program in Liberal Medicine Education)	Johns Hopkins University
Caldwell College	John Jay College
Caldwell College — 7 year BA/MD with St. George's University School of Medicine	Kean University
Caldwell College — 8 year BA/MD with Rutgers University-New Jersey Medical School	Kean University —8 year BS/MD Program
Carnegie Mellon University-College of Science Case Western Reserve University	Kent State University
Case Western Reserve University- 7 year BS/MD Medical Program	Kenyon College
College of the Holy Cross	Lafayette College
College of St. Elizabeth	Lehigh University
Colorado State University	Lehigh University — 7 year BA/MD program
Columbia University	Lincoln University
Connecticut College	Lock Haven University
Cooper Union College	Lycoming College
Cornell College	McGill University — Canada
Cornell University	Marist College
Creighton University	Massachusetts Institute of Technology
Dartmouth University	Messiah College
Delaware Valley University	Michigan State University
DeSales University	Montclair State University
Dickinson College Drew University	Mount St. Mary's University
Drexel University Drexel University — Pennoni Honors College	Muhlenberg College
Drexel University — 7 year BS/MD Medical Program	NJIT (New Jersey Institute of Technology)
Duke University	NJIT — Alber Dorman Honors College
Duquesne University	NJIT - 7 year BS/MD Medical Program with Rutgers-NJ Medical School (formerly UMDNJ)
East Stroudsburg University	NJIT— 7 year BS/MD Medical Program with St. George's University School of Medicine
Eckerd College	NJIT — 7 year BS/OD with SUNY College of Optometry
Emory University	NYIT (New York Institute of Technology)
Fairleigh Dickinson University	NYIT —7 year BS/DO (Doctor of Osteopathic Medicine)
Ford ham University	NYU (New York University)
Furman University	NYU — Polytechnic Institute
George Washington University	New York University Stern School of Business
Georgetown University	Northeastern University
Georgia Institute of Technology	Northwestern University
Georgia Tech University	Northern Arizona University
	Northern Michigan University
	Pace University — Honors College
	Penn State University
	Penn State University —Schreyer Honors College
	Penn State —6 year BS/MD Medical Program
	Princeton University
	Purdue University

Quinnipiac University
 Ramapo College
 Rensselaer Polytechnic Institute
 Rensselaer Polytechnic Institute - 7 year BS/MD
 Medical Program
 Rhodes College
 Rice University
 Richard Stockton College of New Jersey
 Rider University
 Rochester Institute of Technology
 Rosemont College
 Rosemont College —8 year BS/MD Medical Program
 Rowan University - School of Engineering
 Rutgers University
 Rutgers University - Business School
 Rutgers University - Business School — MBA/BS
 Program Rutgers University - Ernest Mario School of
 Pharmacy Rutgers University - School of Arts and
 Sciences Rutgers University - School of Engineering
 Rutgers University - School of Environmental and
 Biological Sciences
 Rutgers University — School of Nursing Camden
 Saint Andrews Presbyterian College
 Saint Bonaventure University
 Saint John's University
 Saint Louis University
 Saint Peter's University
 Seton Hall University
 Shepherd University
 Siena College
 Stanford University
 Stevens Institute of Technology
 Stevens Institute of Technology — 7 year BS/MD Medical
 Stony Brook University
 Syracuse University
 TCNJ (The College of New Jersey)
 The College of New Jersey - 7 year BS/MD Medical
 Program
 Temple University
 Texas A&M
 The University of Scranton
 The University of Tennessee
 Tufts University
 Tuskegee University
 Union College
 United States Naval Academy
 University at Buffalo School of Pharmacy
 University of Alabama Birmingham
 University of Akron
 University of California — Berkeley
 University of California — Davis
 University of California — Irvine
 University of California — Los Angeles
 University of California — San Diego
 University of California — Santa Barbara
 University of California - Santa Cruz
 University of Chicago
 University of Cincinnati
 University of Colorado - Boulder
 University of Connecticut
 University of Delaware
 University of Florida
 University of Hawaii - Manoa
 University of Illinois University of Maine
 University of Maryland — Baltimore County
 University of Maryland — College Park
 University of Maryland - Honors
 University of Massachusetts — Amherst
 University of Massachusetts - Honors
 University of Miami
 University of Michigan - Ann Arbor
 University of Missouri - Kansas City
 University of New Haven
 University of North Carolina - Chapel Hill
 University of North Carolina - Wilmington
 University of Pennsylvania
 University of Pittsburgh
 University of Pittsburgh Honors College
 University of Richmond
 University of Rochester University of the
 Sciences-Pharmacy
 University of Scranton
 University of Southern California
 University of South Carolina
 University of South Florida
 University of Tampa
 University of Tennessee-Knoxville
 University of Toledo
 University of Toronto
 University of Vermont
 University of Virginia
 University of Virginia — School of Arts and Sciences
 University of Virginia — School of Arts Engineering and
 Applied Sciences
 University of Wisconsin — Madison
 Ursinus College
 Vanderbilt University Villanova University
 Virginia Commonwealth University
 Virginia Commonwealth University — Honors College
 Virginia Commonwealth University — 8 year BS/MD
 Washington College
 Washington and Jefferson College Westminster
 College (Pennsylvania) Wilkes University
 William Paterson University Worcester Polytechnic
 Institute Xavier University of Louisiana
 Yale University
 York College
 Youngstown State University