

BERGEN COUNTY ACADEMIES

CLASS OF 2026 PROFILE



ABOUT US

1142 STUDENTS





21% ACCEPTANCE RATE





ONE SCHOOL, SEVEN ACADEMIES

- Academy for the Advancement of Science & Technology (AAST)
- Academy for Business and Finance (ABF)
- Academy for Culinary Arts & Hospitality Administration (ACAHA)
- Academy for Engineering & Design Technology (AEDT)
- Academy for Medical Science Technology (AMST)
- Academy for Technology & Computer Science (ATCS)
- Academy for Visual & Performing Arts (AVPA)

SENIOR CLASS STATS



NATIONAL MERIT 36

31 AVERAGE ACT

1465 SAT 723 EBRW 742 MATH

119

CLUBS AND ORGANIZATIONS

16 SPORTS OFFERED

#20 BEST PUBLIC HIGH SCHOOL IN AMERICA 2025



STUDENTS ENROLLING 99.8% IN 4-YEAR COLLEGES

NJ DEPT OF ED MODEL SCHOOL IN THE ARTS



CONTACT US

Bergen County Academies 200 Hackensack Avenue Hackensack, NJ 07601 (201) 343-6000 x3330

www.bergen.org/bca

Russell Davis, Principal

2 U.S. PATENTS
BASED ON
IN-HOUSE
RESEARCH



12

REGENERON/INTEL NATIONAL FINALISTS SINCE 2010

COUNSELING TEAM

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WHAT MAKES US SPECIAL?



A particularly significant aspect of our research program is that the students select the scientific question that they will be studying and do not receive preliminary data for their projects. The labs at BCA are functional, professional entities not normally found in a high school setting. They include agriscience, mechatronics, optics, nanotechnology, cell/molecular biology (including Next Generation Sequencing and label-free live cell imaging), nano-structural imaging (including a Scanning Electron Microscope (SEM) and Transmission Electron Microscope (TEM)), a coral research facility, a Financial Markets Lab (equipped with Bloomberg terminals), and a variety of other research opportunities. Our research program has produced four Presidential Scholars, twelve Regeneron STS Finalists (four in the Top Ten, including First Place), over 100 Regeneron STS Scholars, multiple Davidson Fellows, several ISEF "Best in Category", numerous publications in peer reviewed journals, a participant in the White House Science Fair, and two patents-the result of original student research.

PROJECTS

During their first three years at the Academies, students will spend two hours every Wednesday working on an interdisciplinary project. Students have the opportunity to choose a different project each trimester.

SENIOR INTERNSHIP



All of our seniors devote Wednesdays to a yearlong individualized internship called Senior Experience. Seniors receive nine academic credits for this supervised graduation requirement. Over 150 employers offer experiential learning opportunities in research centers, hospitals, universities, non-profit organizations, government agencies, major corporations and small businesses in the NY/NJ metropolitan area.

GLOBAL STUDIES



ELECTIVES



BCA students enrich their education and pursue their interests by selecting from an array of electives in art, humanities, math, research, science, and technology. Students can choose from over eighty elective courses in visual, performing, and culinary arts, music, physics, engineering and robotics, computer science, psychology, business, the study of languages and cultures, agricultural science, biology, and chemistry.

ACADEMIC INFORMATION

GRADING

- Starting in 2024-25 GPA is calculated on a new equivalency scale (see inset)
- Courses taken prior to 2023-24 are included in GPA using the old scale
- Most courses are trimester-based but select courses are semester-based
- Students are NOT RANKED
- GPA's are calculated YEARLY based on final grades attained in each course
- GPA is unweighted and includes academic courses only
- 4.0 is the highest possible GPA
- · D- is the lowest passing grade

1	Grade	Up to	24-25 &
		23-24	Beyond
	Α	4	4
	A-	3.8	3.667
	B+	3.33	3.333
	В	3	3
	B-	2.8	2.667
	C+	2.33	2.333
	O	2	2
	ပ်	1.8	1.667
	D+	1.33	1.33
	۵	1	1
	D-	N/A	0.667
	F	0	0

COURSES

- All academic courses taught at the honors level or above
- All Academies far exceed NJ State graduation requirements
- Only ABF, ACAHA, and AEDT students are eligible for the full IB Diploma
- Due to scope and sequence, students in some Academies may not be able to take the "Post AP/IB Courses" listed
- 40 hour community service requirement (over 4 years)

AP COURSES

AP Art History AP Biology

AP Calculus AB, BC

AP Chemistry
AP Computer Science A

AP Computer Science A
AP Government

AP Macroeconomics

AP Microeconomics
AP Music Theory

AP Physics C

AP Psychology

AP Studio Art

AP Studio Art

IB COURSES

IB Biology SL

IB Business Management SL

IB Computer Science SL

IB Economics HL

IB Environmental Systems SL

IB French SL, HL

IB History SL, HL

IB Literature / Language HL

IB Mandarin ab initio

IB Math SL, HL

IB Spanish SL, HL

IB World Literature HL

POST AP/IB COURSES

Advanced Math Topics Advanced Music Theory Advanced Topics in Chemistry Advanced Topics in Physics AP Calculus BC+ Algorithms & Data Structures Linear Algebra/Diff Equation Multivariable Calculus Organic Chemistry I/II/III

ACADEMY INFORMATION

AAST-SCIENCE

AAST students take multiple years of biology, chemistry and physics while completing studies in chemical engineering, organic chemistry and modern physics. Graduates from AAST are prepared to continue studies across a wide range of scientific disciplines. AP Chemistry is a requirement of the program. Throughout the curriculum, students are encouraged to find original answers to modern research challenges using the state of-the-art facilities available on campus.

ABF-BUSINESS

ABF students take business, finance, marketing, and economics classes as part of their core. Business principles are taught in multiple, high-level core courses which incorporate topics such as: the global business environment, management, marketing, finance, economics and entrepreneurship. ABF has incorporated an emphasis on a global perspective. The driving force behind this global component is the integration of the International Baccalaureate curriculum to an already rigorous course of study.

ACAHA-CULINARY ARTS AND HOSPITALITY

Students in the Academy for Culinary Arts and Hospitality Administration have a strong interest in culinary arts and restaurant/hospitality management. ACAHA Students are prepared for study in any area by an honors-level core curriculum, augmented by elective options in all facets of food preparation, facility management, customer service, and entrepreneurship. All students take IB Business Management and they may elect to participate in the IB Diploma program.

AEDT-ENGINEERING

AEDT students study courses in the engineering sciences, including design technology, computer science, manufacturing, electronics, and biomedical engineering. AEDT focuses on general engineering disciplines and prepares students for entrance into college engineering programs. Students in this academy have a concentration in engineering and design courses and focus on skills which are generally useful in any engineering curriculum. Projects include product development, civil or architectural designs, and robotic competitions.

AMST-MEDICINE

AMST students balance a rigorous science curriculum with scientific research to be best prepared for a future in the medical field. Students learn to design original scientific experiments and carry them out in a high school setting. In addition to advanced level science classes, students take specialized academy-specific courses such as Bioethics, Epidemiology, Pharmacology, Neuroscience, Biotechnology, Anatomy and Physiology, and Advanced Topics in Medicine.

ATCS-COMPUTER SCIENCE

ATCS students develop a strong foundational understanding of programming, computer architecture, data structures and algorithms, and program analysis. The program is oriented around underlying ideas that will never become obsolete, even as technologies change. Throughout their careers at BCA, students extend their skills in computing through projects and electives of their choice, often including processor design, web application development, robotics, computer security, and mechatronics. The Senior Capstone is a culmination in which the students work in groups to develop a product for a client.

AVPA-MUSIC

AVPA Music students have an outstanding ability in music and are some of the strongest musicians in their communities. Students learn woodwind, brass, string and percussion instruments. They study college-level music theory, which includes harmonic analysis, counterpoint, voice leading and ear training. Students also learn current technological and composition techniques in electronic music synthesis where they work with state-of-the-art software.

AVPA-THEATRE

AVPA Theatre students participate in a rigorous training program for students interested in pursuing a college major in theatre or film leading to a career in some aspect of the entertainment industry. Core courses include sequences in acting, dance, voice and speech, musical theatre, theatre history, theatrical design, dramatic writing, and directing. Students are introduced to a variety of methods most productive for their individual growth.

AVPA-VISUAL

AVPA Visual students study essential aspects of the visual arts through immersion in a curriculum that embraces new technologies, while emphasizing traditional skills and principles of art and design. The program allows students to pursue their passion in any one of a broad range of arts including graphic and web design, illustration, photography, animation/video, game design, package design, virtual reality, traditional/fine arts, and art history.

COLLEGE ENROLLMENTS 2022-2025

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Amherst College	3	North Carolina State University	2	University of Colorado Boulder	2
Babson College	1	Northeastern University	26	University of Connecticut	4
Barnard College	10	Northwestern University	8	University of Delaware	3
Bergen Community College	2	Nova Southeastern University	1	University of Florida	3
Binghamton University	6	Oberlin College	1	University of Georgia	3
Boston College	8	Ohio State University	6	University of Hartford	1
Boston University	18	Oklahoma City University	2	University of Illinois	
Brandeis University	3	Pace University	1	University of Italiois	8
Brown University	12	Pace University, Westchester Campus			1
Bryn Mawr College	1	Peabody Conservatory Johns Hopkins		University of Maryland	13
Bucknell University	1	Pennsylvania State University	6	University of Massachusetts	12
California Institute of the Arts	1	Point Park University	1	University of Miami	7
Carnegie Mellon University	22	Pomona College	2	University of Michigan	21
Case Western Reserve University	16	Pratt Institute	2	University of Missouri	1
Champlain College	1	Princeton University	9	University of North Carolina	6
Clark Atlanta University	1	Purdue University	27	University of Notre Dame	4
Clemson University	1	Ramapo College of New Jersey	9	University of Pennsylvania	20
Colby College	1	Reed College	1	University of Pittsburgh	6
Colgate University	2	Rensselaer Polytechnic Institute	12	University of Rhode Island	3
College of the Holy Cross	1	Rhode Island School of Design	7	University of Richmond	1
Colorado School of Mines	1	Rhodes College	1	University of Rochester	_
Columbia University	12	Rice University	6		6
Cooper Union	3	Rider University		University of South Carolina	1
	56		2	University of South Florida	1
CORNEL University		Ringling College of Art and Design	2	University of Southern California	11
CUNY Brooklyn College	1	Rochester Institute of Technology	2	University of Vermont	1
CUNY John Jay College	1	Rowan University	4	University of Virginia	3
Dartmouth College	4		168	University of Wisconsin	5
DePaul University	1	Rutgers University-Newark	5	Vanderbilt University	10
Drexel University	4	Salve Regina University	1	Vassar College	3
Duke University	14	San Diego State University	1	Villanova University	5
Eckerd College	1	School of Visual Arts	2	Virginia Tech	2
Elon University	3	Seton Hall University	6	Wagner College	1
Embry-Riddle University	1	Skidmore College	3	Wake Forest University	1
Emerson College	3	Smith College	1	- -	1
Emory University	8	South Dakota School of Mines & Tech		Washington and Lee University	1
Emory University-Oxford College	1	Southern Methodist University	1	Washington University in St Louis	8
Fairleigh Dickinson University	3	Stanford University	5	Wellesley College	4
Fashion Institute of Technology	1	Stevens Institute of Technology	33	Wentworth Institute of Technology	1
Florida State University	3	Stony Brook University	1	Wheaton College	1
Florida Tech	1	Susquehanna University	1	William & Mary	2
Fordham University	7	Swarthmore College	2	William Paterson University	1
Georgetown University	12	Texas A&M University	1	Williams College	1
Georgia Institute of Technology	9	The Catholic University of America	1	Worcester Polytechnic Institute	4
Grinnell College	2	The College of New Jersey	10	Yale University	8
Hamilton College	1	The George Washington University	11	·	_
Harvard University	14	The Juilliard School	2	International	
Harvey Mudd College	1	The New School	3	Bocconi University	1
Haverford College	1	The Sophie Davis School of Biomed	2	Durham University	
Hofstra University	2	The University of Tampa	1	EHL	1
Howard University	2	The University of Tennessee	1		1
Indiana University-Bloomington	1	The University of Texas at Austin	10	Erasmus University Rotterdam	1
Johns Hopkins University	5	Tufts University	11	IE University - Madrid	1
Johnson & Wales University	2	Tulane University of Louisiana	2	International University in Geneva	1
Kean University	2	Union College	3	McGill University	3
Lafayette College	1	United States Air Force Academy	1	University College London	1
Lehigh University	2	United States Military Academy	5	University of Guelph	1
LIM College	1	University of Arizona	2	University of Oxford	2
Marist University	1	University of California-Berkeley	1	University of St Andrews	1
Massachusetts Institute of Tech	19	University of California-Davis	2	University of the Arts London	1
Montclair State University	9	University of California-Los Angeles	3	University of Tokyo - PEAK	1
Muhlenberg College	4	University of California-San Diego	3	University of Toronto	2
New Jersey Institute of Tech	35	University of California-Santa Cruz	1	University of Waterloo	2
New York Institute of Tech	1	University of Central Florida	ī	Tel Aviv University / Columbia	1
New York University	30	University of Chicago	8	Westlake University	
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