



### Vestal Central School District

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# VESTAL HIGH SCHOOL

An International Baccalaureate World School

## Profile for College and University Admissions 2019-2020

### Mission Statement

The Vestal Central School District believes each student is unique and can learn. The District's mission is to provide instruction, programs, strategies and challenges in a caring, positive learning environment. Each student will become a critical thinker, a lifelong learner and a responsible, contributing citizen in a changing global society. The Board of Education, staff, parents, students and community share a commitment to this mission.

### IB Learner Profile

The aim of all IB programs is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world. IB learners strive to be inquirers, knowledgeable, thinkers, communicators, principled, open-minded, caring, risk-takers, balanced and reflective.

### 2019 Achievements

- Vestal Central School District was ranked one of the 50 Best School Districts in Upstate New York by Niche.com, a community analysis site
- Vestal High School was one of three Vestal Schools designated as a Recognition School by the New York State Education Department
- Vestal offers second-language study in Spanish, French, and German
- For the third year in a row, Vestal was named one of the Best Communities for Music Education by the National Association of Music Merchants (NAMM). Vestal maintains award-winning programs in Visual Arts, Music, and Writing, featuring 1 National Silver Medal with Distinction Scholastic Art award winner for her art portfolio by the Scholastic Art & Writing Awards, a Vestal first, 2 Silver Key winners and 1 Scholastic Writing Gold winner
- Another Vestal High School student won eighth place in his category at the National FBLA Leadership Conference, competing with students from across the country and abroad.
- The District works in partnership with Binghamton University, Rochester Institute of Technology, SUNY College of Environmental Science and Forestry, and SUNY Broome to advance student achievement
- 90% of the class of 2019 are enrolled in college
- Vestal offers 23 International Baccalaureate courses, 7 Advanced Placement courses, and 5 courses in the Project Lead the Way pre-engineering program
- 12 Vestal graduates earned full International Baccalaureate diplomas and 33 Vestal seniors earned AP Scholar designation, including nine at the *Scholar with Distinction* level
- Vestal had 1 National Merit Finalist and 7 Commended Scholars in the Class of 2019
- 53 graduates received the Vestal Scholar Certificate which requires students to complete at least six IB or AP level courses over their four years in high school
- The District sponsors a total of 51 sports teams, including 5 All-American soccer teams, 2 in Cheerleading, 2 in Boys Lacrosse and 1 in Girls Soccer
- The average ACT Composite Score for the Class of 2017 was 24.9, compared to a nationwide average of 21.0 and a statewide average of 24.2
- 357 student athletes earned Scholar Athlete Awards with an average GPA of 93.335 for the 2018-2019 school year
- Mean SAT Reasoning Test Score - Class of 2018 - 1207 points



## The Community

The Town of Vestal, located near the major highways of Interstates 88 and 81 and Route 17, is nestled in the rolling hills of Broome County in the Southern Tier of New York. It covers about 53 square miles and is an area just west of Binghamton with a population of about 27,000.

Vestal and its neighboring communities offer a wide range of cultural, athletic and educational activities including the Roberson Museum, the Discovery Center, the Kopernik Observatory, the Cider Mill Playhouse, youth and adult symphonies, theater groups, and the Tri-Cities Opera. Binghamton University is located in Vestal and SUNY Broome is nearby, both offering many cultural and educational experiences. Cornell University, Elmira College, Ithaca College, Syracuse University, and the State Universities at Cortland and Oneonta are all within a 60-mile radius of Vestal.

## The District

Vestal Central School District is made up of five elementary schools, a middle school, and a high school. The District enrollment of 3285 students is served by a faculty of 300 and a support staff of 160. The District sustains a strong program of professional development focusing on the core competencies of the Common Core Standards and current advancements in curriculum and instruction. Teams of teacher leaders in the areas of technology, literacy, and math promote responsive learning environments that challenge and engage students. Innovations in technology integration are supported by teacher leaders in each building who model the use of technology as a tool for learning, expression, and community engagement.

The Vestal Central School District fully commits all resources to fulfilling its mission for each student to become ... "a critical thinker, a lifelong learner and a responsible, contributing citizen in a changing global society." To this end, the District recognizes the importance of civic engagement to a full academic program. Character education in the areas of student leadership, community service, and diversity are developed throughout our K-12 program. The District invests in an extensive arts program. Musical productions and performances begin in the elementary schools and lead to formal productions at the middle school and high school level. Art education advances our students' awareness of diversity,

global culture, and self-expression. Co-curricular offerings and athletics are other opportunities for students to engage with their peers and contribute to our dynamic culture of engaged learning.

## The School

Vestal High School annually receives international, national, and state recognition for excellence in education. Ninth through twelfth graders attend this four-year comprehensive school, choosing from over 100 course offerings. The high school also offers numerous opportunities for students in athletics, band, vocal music, orchestra, and the visual arts. Additionally, there are numerous student leadership opportunities and extracurricular activities accommodating a wide range of student interests. The school community maintains a strong commitment to service and volunteerism.

Vestal High School also offers the International Baccalaureate Diploma Programme. The IB Diploma is a two-year program that challenges students with college-level coursework in a wide variety of subject areas. The courses emphasize critical thinking, analyzing different perspectives, enhancing students' awareness of international issues, and improving writing skills. Students are encouraged to take advantage of the wide variety of IB courses depending on their interests and future goals, whether they are pursuing the full IB Diploma or not. Should they choose to work towards the full Diploma, students need to complete six IB courses in their junior and senior years, a two-semester course called Theory of Knowledge, a program of extracurricular activities and community service, and an independent research project.

## The Curriculum

Vestal High School offers a wide array of curricular options beyond New York State Regents and Advanced Regents coursework. Vestal is one of 943 schools in the US and 3423 schools world-wide who are authorized to offer the International Baccalaureate Diploma Programme, a rigorous program of study across all areas of the curriculum. Additionally, Vestal students may participate in *Project Lead the Way*, a pre-engineering course of study administered by the Rochester Institute of Technology, and New Visions, a program through our local BOCES that provides Vestal seniors with real-world experience in Business, Engineering, Education and Human Development, Law and Government, Health/Medicine and Energy Technology.

## Graduation Requirements

To become a graduate of a New York State public high school, a minimum of 22 units of credit is required, including four units of English, four units of social studies, three units of science, three units of mathematics, 1/2 unit of health, one unit of art or music, one unit of a world language and two units of physical education along with the New York State Regents Exams or their equivalent.

The Regents Diploma with Advanced Designation requires all of the above, plus two additional years of a world language with two additional Regents exams in math and one additional Regents exam (or equivalent) each in world languages and science.

### Regents Diploma Required Courses

English	4
Social Studies	4
Mathematics	3
Science	3
World Languages	1
Art/Music	1
Health	.5
Physical Education	2
Electives	3.5
<b>Total</b>	<b>22</b>

## Student Leadership and Extracurricular Activities

Extracurricular activities include Art Club, Bear Facts Student Newspaper, Building Planning Team, French Exchange, Club Council, Environmental Club, French Club, Future Business Leaders of America, Gay-Straight Alliance, German American Partnership Program, German Club, High School Musical, Jazz Band, Jazz Choir, Marching Band, Mathletes, Student Mentoring Program, Mock Trial, National Honor Society, Odyssey of the Mind, Peace Club, Principal's Student Advisory Committee, Rotary Interact Club, SADD, Science Club (Chemistry Magic Show), Science Olympiad, Ski Club, Spanish Club, Student Government, Student Store, Tech Club, Tigertronics, Varsity Club, Visions Bank, Winterguard, Yearbook, YesLeads, Youth Police Academy.



## International Baccalaureate, Advanced Placement, Honors

### IB

- IB English, HL
- IB Spanish, SL & HL
- IB French, SL & HL
- IB German, SL & HL
- IB Hist. of Americas, HL
- IB Economics, SL
- IB Psychology, SL
- IB Biology SL
- IB Chemistry, SL & HL
- IB Computer Science, SL
- IB Physics, SL & HL
- IB Environmental Sys., SL
- IB Mathematics, SL & HL
- IB Math Studies, SL
- IB Visual Arts, SL & HL
- IB Music, SL & HL
- IB Theory of Knowledge

### AP

- AP U.S. History
- AP European History
- AP Chemistry
- AP Biology
- AP Physics
- AP Calculus
- AP Computer Science

### HONORS

- Pre-IB English 9, 10
- Common Core Algebra
- Common Core Geometry
- Common Core Algebra 2

### COLLEGE CREDIT THROUGH REGIONAL PARTNERSHIPS

Students may have the option to earn college credit through regional colleges in the following subjects:

**SUNY Environmental Science and Forestry:** IB Environmental Systems & Societies

**SUNY Broome:** IB French and IB Spanish, Graphic Design, Programming in C++, Photography 1 & 2, and Physics

**Rochester Institute of Technology:** Project Lead the Way Coursework

**63% of seniors and 62% of juniors took at least one AP or IB Course in 2018-2019**

**43% of juniors and seniors were enrolled and granted college credits through SUNY Broome's Fast Forward program**

**90% or higher passing rate on Algebra 1, Geometry, Algebra 2, ELA, Living Environment, US History and Global Studies Regents Exams**

## Final Cumulative Average

Vestal High School students are graded on a percentage scale of 0-100. The passing grade is 65. Grades received through the junior year and the summer preceding the senior year are used as a basis for computing the high school average. The weighting system described in this section is applied when determining a student's final cumulative average and class rank. The final cumulative average and class rank are determined by adding all of the weighted grades and dividing by the total number of credits. The weighted grade is computed by multiplying the earned grade by the index.

## Index for Weighting:

EARNED GRADE	School Level	Regents Academic Level	Honors	AP/IB/College
	<u>1.0</u>	<u>1.02</u>	<u>1.04</u>	<u>1.06</u>
100	100	102	104	106
99	99	100.98	102.96	104.94
98	98	99.96	101.92	103.88
97	97	98.94	100.88	102.82
96	96	97.92	99.84	101.76
95	95	96.90	98.80	100.70

## GPA Distribution Class of 2019 (285 Students)

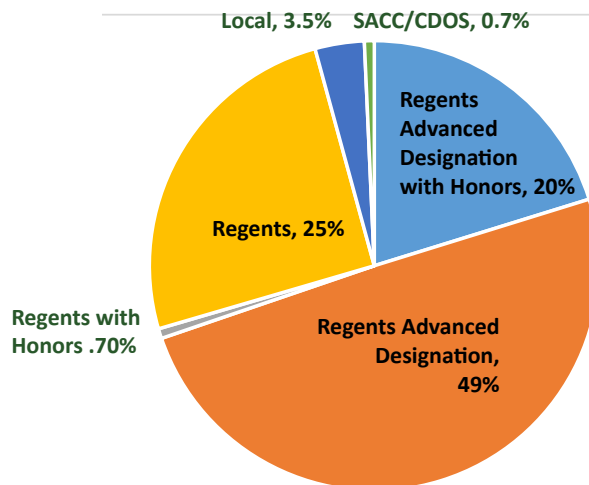
GPA	% of Class	# of Students
100-106	12%	23
95<100	18%	50
90<95	20%	58
85<90	20%	58
80<85	18%	52
75<80	11%	30
<75	3%	9
Not ranked	2%	5

## Mean SAT Reasoning Scores Class of 2019

### Evidenced Based

	Reading & Writing	Math	Total
Vestal	584	599	1183
NYS	531	533	1064
National	531	528	1059

## VESTAL CLASS OF 2019 DIPLOMA TYPES



## ACT College Readiness Measures 2019

(Percent of Students who Meet or Exceed Benchmarks for Success at College-Level Coursework)

	English	Mathematics	Reading	Science	Meeting All Four
Vestal	84%	79%	77%	72%	53%
NYS	81%	67%	69%	63%	50%
National	59%	45%	39%	36%	26%



## College Enrollments - Class of 2019

COLLEGE	#ACCEPTED	#ATTENDING	COLLEGE	#ACCEPTED	#ATTENDING	COLLEGE	#ACCEPTED	#ATTENDING
Aesthetic Science Institute	1	1	Lehigh University	1		Stanford University	1	1
Albany College of Pharmacy	2		LeMoyne College	12	2	Suffolk Community College	1	
Alfred State College	2	1	Long Island University - Post	1		SUNY - Broome	108	87
Alfred University	2		Lycoming College	1		SUNY - University at Albany	22	4
Allegheny College	1		Manhattan College	2	1	SUNY - University at Buffalo	35	15
Arcadia University	1	1	Mansfield University	1		SUNY Brockport	15	4
Auburn University	1		Marist College	1		SUNY Buffalo State	4	
Barnard College	1		Maryland College of Art	1		SUNY Canton	2	
Bennington College	1		Marywood University	8	3	SUNY Cobleskill	3	
Binghamton University	56	28	Massachusetts College of Art & Design	1		SUNY Cortland	12	6
Boston College	2	1	Medaille College	1		SUNY Delhi	5	3
Boston University	4		Mercyhurst University	2	2	SUNY ESF	1	
Bowling Green University	2	1	Messiah College	1		SUNY Farmingdale	1	1
Bucknell University	1	1	Miami University of Ohio	1		SUNY Fredonia	5	1
Canisius College	1		Misericordia University	2	1	SUNY Geneseo	14	2
Carnegie Mellon University	5	1	Moore College of Art & Design	1	1	SUNY Morrisville	1	
Cazenovia College	2	1	Moscow Institute of International Relations	1		SUNY New Paltz	7	6
Clarkson University	7	1	Mount Saint Mary College	1		SUNY Oneonta	21	8
Colgate University	1		Nassau Community College	1		SUNY Oswego	15	5
College of Marin	1	1	Nazareth College	6	2	SUNY Plattsburgh	2	2
College of St. Rose	6	1	Newburgh College	1		SUNY Polytechnic Institute	2	
Columbus College of Art & Design	1		New York City College of Technology	1		SUNY Potsdam	2	
Cornell College (Iowa)	1		New York University	3	1	SUNY Purchase	5	2
Cornell University	5	5	Niagara Community College	1		SUNY Stony Brook	14	
CUNY - Brooklyn College	1		Niagara University	1		SUNY Upstate Medical University	1	
CUNY - City College	1		Northeastern University	2		Syracuse University	4	2
CUNY - John Jay	1		Oberlin Conservatory of Music	1	1	Temple University	1	
CUNY - Kingsborough	1		Ohio State University	1	1	The Ohio State University	2	2
CUNY - Manhattan College	1		Pace University	2	1	The Sage Colleges	1	
CUNY - Medgar Evers	2	1	Pasadena City College	1	1	Tompkins Cortland Community College	2	
CUNY - Queens	1		Pennsylvania State University - Behrend	1	1	Towson University	1	
CUNY - Staten Island	1		Pennsylvania State University - Scranton	3	1	Tufts University	1	
DeSales University	1		Pennsylvania State University - University Park	3		University of Alabama	1	
Drexel University	5		Pratt Institute	1		University of Connecticut	1	
Duke Kunshan University (China)	1		Princeton University	1		University of Delaware	1	1
Duquesne University	1	1	Purdue University - West Lafayette	1	1	University of Illinois	1	1
East Tennessee State University	1	1	Quinnipiac College	2		University of Michigan	1	
Elmira College	2		Rensselaer Polytechnic Institute	1		University of Minnesota	1	
Embry-Riddle Aeronautical Institute	1		Roberts Wesleyan University	5	2	University of New Haven	1	
Emory University	1		Rochester Institute of Technology	16	4	University of North Carolina - Chapel Hill	1	
Florida Institute of Technology	1		Rutgers University	1	1	University of North Dakota	1	1
Franklin & Marshall College	1		Sacred Heart University	1	1	University of Pennsylvania	1	1
Gannon University	1		Salve Regina University	1		University of Pittsburgh	4	1
George Mason University	1		Savannah College of Art & Design	1		University of Rochester	6	3
Gettysburg College	1		Seton Hill University	1	1	University of Scranton	9	1
Hampshire College	1		Siena College	2		University of Tampa	1	1
Hartwick College	12	2	Skidmore College	1		University of Virginia	2	
Harvard University	1		Springfield College	1		University of Wisconsin	1	
Herkimer Community College	1	1	St. Bonaventure University	1		Utica College	1	
Hofstra University	3		St. John Fisher College	6	1	Vassar University	2	1
Houghton College	1		St. John's University	1	1	Vaughnan College	1	
Ithaca College	6	2	St. Lawrence University	1		Villanova University	2	
James Madison University	1	1				Washington & Jefferson University	1	
Kent State University	4	2				Washington & Lee University	1	
Keuka College	2					Wells College	1	
Keystone College	2					West Virginia University	1	1
King's College	2					Wilkes University	3	