



Binghamton High School

An International Baccalaureate World School

Profile for College and University Admissions

**Binghamton City
School District**

2018-2019

Mission Statement

The Binghamton City School District's mission is to educate, empower and challenge all students to become productive, global citizens through innovative approaches to learning.

IB Learner Profile

The aim of the IB Program is to develop internationally minded people who recognize their common humanity and shared guardianship of the planet and 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.



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2018 Achievements

- Binghamton High School is home to the world-renowned Rod Serling School of Fine Arts.
- Binghamton High School offers more than 50 Fine Arts courses.
- Binghamton High School offers 17 International Baccalaureate courses in six subject groups, 14 International Baccalaureate Career Pathways courses, 10 Advanced Placement courses and five courses in the Project Lead the Way Pre-Engineering Academy.
- Binghamton High School offers nine fast forward or articulated courses with college credit from Rochester Institute of Technology, SUNY Delhi and SUNY Broome.
- Binghamton High School offers second-language study in American Sign Language, Spanish, French, Mandarin Chinese and Arabic.
- 85 percent or more of continuously enrolled students at BHS graduate on time.
- Our graduating seniors attended 73 different colleges or universities across the country.
- Binghamton High School offers work-based learning opportunities to place students in internships in professional fields to explore potential careers.
- Binghamton High School offers career and technical pathways in business, accounting and culinary arts.
- In 2017-2018 Binghamton High School Seniors completed more than 4,000 hours of community service.
- 80% of our sports teams were named Scholar Athlete Teams by the New York State Public High School Athletic Association.



The Community

The Binghamton area offers the best of both worlds: a picturesque landscape and close-knit family-oriented community combined with the flavor, culture and opportunities of a larger city. Located at the confluence of two rivers and nestled in the rolling hills of Broome County, Binghamton is emerging as a health-care and education focused city. Our partners, Binghamton University and SUNY Broome, act as catalysts for local growth and sustained future. There are a wide range of cultural, athletic and educational activities including the Roberson Museum, the Discovery Center, the Kopernik Observatory, youth and adult symphonies, theatre groups, the Tri-Cities Opera and semi-pro baseball and hockey teams.



The District

The Binghamton City School District is the largest public school district in the central southern tier of New York State. It is ranked as the 23rd largest public school in upstate New York. It is made up of seven elementary schools, two middle schools and a high school. The district enrollment of 5,300 students is served by a faculty and support staff of 1,100. The district fully commits all resources to fulfilling its mission to educate, empower and challenge all students to become productive, global citizens through innovative approaches to learning. The district invests in an extensive arts program including the internationally acclaimed Rod Serling School of Fine Arts at the high school. Musical performances and productions begin in the elementary schools and continue through the middle school and high school. The district is one of only a handful in the state and nation with the district-wide accreditation from the Middle States Association. Binghamton partners with numerous community leaders and organization to facilitate cutting edge educational research and state-of-the-art practices in the classroom. The district also invests in its staff and provides over \$500,000 annually in research-informed teacher training.

The Curriculum

Binghamton High School offers a wide array of curricular options beyond New York State Regents and Advanced Regents coursework. Binghamton is one of 869 schools in the US and 2,683 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, Binghamton students may participate in Project Lead the Way, pre-engineering academy, administered through the Rochester Institute of Technology. Students can also participate in New Visions, a program through our local BOCES that provides seniors real-world experience in business, engineering, education, human development, law and government, health/ medicine and energy technology. Binghamton students often simultaneously earn college credits through the affiliation with SUNY Broome, SUNY Delhi and Rochester Institute of Technology. Binghamton High School is the home to the internationally acclaimed Rod Serling School of Fine Arts. Since its inception in 1995, it has become a model for Fine Arts education within New York State and in many districts throughout the nation.



Course Level Designations:

IB- International Baccalaureate

IB courses are open to those students who seek a challenging and rigorous academic program. Students must take an IB examination in May. The IB is recognized by most major universities in North America as well as across the world. Students may earn college credit.

AP- Advanced Placement

The AP program is open to any students, who seek a challenging academic program. The students will be prepared to take the AP examination in the spring for possible college credit.

E or H- Enriched/Honors

These courses cover all the work required at the Regents level and satisfy the requirements for the state diploma or endorsement. The work covered is more intensified and personalized. The degree of the modification depends on the student population.

R- Regents

These courses are based on the state prescribed or state approved curricula. Their successful completion is required for a state Regents diploma or endorsement of the school district diploma.

International Baccalaureate, Advanced Placement

IB Courses

English SL/HL
French SL/HL
Spanish SL/HL
Mandarin Chinese SL/HL
History of the Americas SL/HL
Philosophy SL
Business Management SL
Biology SL/HL
Environment Systems and Societies SL
Chemistry SL
Mathematics SL
Math Studies SL
Visual Arts SL/HL
Theatre SL/HL
Music Theory
Theory of Knowledge, CAS, EE

IB Career-Related Programme Courses

Design and Drawing for Production
Approaches to Learning
Principles of Engineering
Computer Integrated Manufacturing
Engineering Design and Development
Career and Financial Management
Accounting I
Accounting II
Entrepreneurship
Business Management
Quantitative Business Methods
Sports Marketing
Business Law
Computer Tech Concepts

AP Courses

AP English 10
AP Studio Art
AP Calculus
AP World History
AP Physics
AP Art History
AP Biology
AP Chemistry
AP Environmental Science
AP American History

Articulated Courses/ Fast Forward:

Any course designated ATC (Articulated Courses) refers to an agreement between BHS and various colleges. Students are required to complete their studies in their chosen program at BHS and may be granted college credit upon successful completion.

Project Lead the Way Coursework- Rochester Institute of Technology
Design and Drawing for Production (SUNY Broome/ RIT)
Culinary Arts I-IV (SUNY Delhi)
Digital Electronics (SUNY Broome)
Medical Terminology (SUNY Broome)
Health Science Series (SUNY Broome)
Advanced Photography (SUNY Broome)
Marketing Principals (SUNY Broome)
Engineering Design and Development (SUNY Broome)
10% of our students are enrolled in college credit-bearing courses



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, ½ 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. Binghamton High, with its eight daily periods of instruction, offers an opportunity to graduate early or experience up to 32 credits of course work. 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.

College Enrollment

BHS Class of 2018

Albany College of Pharmacy and Health Sciences
Alfred University
Binghamton University
Boston University
Bucknell University
Cazenovia College
Clarkson University
College of Staten Island
College of St. Rose
Colorado College
Cornell University
East Stroudsburg University
Elmira College
Finger Lakes Community College
Fisher College
George Washington University
Hartwick College
Henry Ford College
Howard University
Ithaca College
Johnson & Wales University
Keuka College
Lafayette College
LeMoyne College
Lincoln Tech
Medaille College
Mohawk Valley Community College
Mount Marte College
Nazareth College
New England College
New York University
Ohio State University
Onondaga Community College
Pace University
Pennsylvania State University
Rochester Institute of Technology

Seton Hall University
St. Bonaventure University
St. John Fisher College
St. John's University
Stony Brook University
SUNY Alfred State
SUNY Brockport
SUNY Broome
SUNY Buffalo State
SUNY Cobleskill
SUNY Cortland
SUNY Delhi
SUNY Geneseo
SUNY Morrisville
SUNY New Paltz
SUNY Oneonta
SUNY Oswego
SUNY Potsdam
Syracuse University
Tompkins Cortland Community College
Tufts University
University at Albany
University at Buffalo
University of Maryland
University of Maryland, Baltimore
University of Massachusetts Dartmouth
University of Minnesota Twin Cities
University of New Haven
University of Northwestern Ohio
University of Pittsburgh
University of Rochester
University of Southern California
University of Tampa
University of Tulsa
Wells College
Wilkes University
Worcester Polytechnic Institute

Binghamton High School Philosophy

Education is a lifelong process which requires the presence, attention and support of other people. It is nevertheless, a self-motivating task. The role of Binghamton High School is to prepare students with the necessary skills and self-direction to enter college or start a career. Our core beliefs at Binghamton High School are Excellence, Equity and Access for all students.



Binghamton High School 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 and all students taking English in eleventh grade will participate in IB English.

Student Leadership and Extracurricular Activities, include:

Mock Trial, Odyssey of the Mind, Student Ambassadors, Business Club, Business Honor Society, SADD, Debate Club, Interact, Student Government, Yearbook, Honor Society, Relay for Life, Sisterz 4 Sisterz, Science Club, Society for Hispanic Professional Engineers, Brotherz, Spanish Club, Life Hacks, Drama, Future Nurses, Art Club, Yoga, Special



Olympics, Gamers Guild, Mathletes, Math Honor Society, Thanksgiving Dinner Planning Committee, Jazz Ensemble, Stage Band, Steel Drum Band, Pep Band, Mixed Chorus, Crescendos, Concert Choir, Twilight Tones, Davidge Choir.