

2021-2022 School Profile

Princeton International School of Mathematics and Science (PRISMS), Est. 2013

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ABOUT PRISMS

Princeton International School of Mathematics and Science (PRISMS), located in Princeton, NJ, is a comprehensive four-year international boarding and day school enrolling students grades 9-12. PRISMS is accredited by Middle States and holds membership in the NAIS (National Association of Independent Schools) and NACAC (National Association of College Admission Counseling). The school was founded in 2013, on the concept of combining the best of STEM education from the East and the West. PRISMS emphasizes the research and development process by reinforcing research skills, such as open-minded inquiry, problem solving, and innovation, and requiring each student to complete a 2-year original research project.

PRISMS Students have the opportunity to participate in a number of clubs and activities, many of which are student created and led. Some of PRISMS's Clubs & Activities include:

Astronomy & Stargazing
PRISMS Gives
PRISMS Animal Welfare (PAW)
PERIOD Club
Media Origin
Yearbook
Dance Club
Big Brain Club
Biology Olympiad

Game Design
Mock Trial
PRISMS FTC
Cookilicious
Chess Club
Computing Olympiad
Choir
Math Modeling
Basketball
Soccer

PRISMS Newsletter
PRISMS Rock Band
Chemistry Club
Science Olympiad
Photography Club
Theatre Club
Entrepreneurship Club
Film Making Club
Drumming Club
Girl's Volleyball

Model UN
Art Club
Civil Aviation
Algorithms & Computing
Film Making
Linguistics Club
PRISMS Developer Society
Model Design
Tennis
Running Club

CURRICULUM

A core feature of the PRISMS educational experience is a four-year STEM research and development program threaded through our four-year high school curriculum. Students begin by learning research skills in order to better prepare them for meaningful STEM research or development projects in grades 11 and 12. In grade 9 all freshmen take the Bridging the Arts Science and Engineering (BASE) Program. In grade 10 all students are required to take Applied Engineering 2 which builds on the grade 9 Applied Engineering 1 Program by offering research skills in the form of practical problem-solving: design, build and test. Scientific Research skills that build on the BASE Program, skills such as statistics, experimental design, literature review, are incorporated into required 9 and 10 grade science courses. In grades 11 and 12 (typically after completing the *BASE program, Honors Chemistry, Honors Physics, and Applied Engineering 2*), students can choose a topic in which to conduct research within one of our STEM Research and Development areas. Typically a student will begin working on a project in the 11th grade and continue it into the 12th grade.

- ***AP Courses Offered in 21-22:*** AP Biology, AP Chemistry, AP Physics C, AP Environmental Science, AP Calculus AB & BC, AP Statistics, AP Computer Science A, AP US History, AP US Government and Politics, AP Comparative Government, AP World History, AP English Literature and Composition, AP Visual Arts Studio, AP Spanish, AP Mandarin.
- ***Post AP Courses Offered:*** Linear Algebra, Artificial Intelligence, Data Science, Organic Chemistry & Biochemistry, Inorganic & Analytical Chemistry, Molecular Biology & Biotechnology, Advanced Topics in Molecular Biology, Modern Physics, Neuroscience, Psychology, & Philosophy.

Grading, GPA Calculation, & Ranking

Student GPA is computed using the quality points in the grade scale below. All courses completed for high school credit while enrolled at PRISMS and other High Schools, whether passed or failed and beginning with grade 9, are listed on their transcript. Honors, AP, and Post AP grades are not weighted in computing GPA. Students are not ranked. Final grades are recorded on the transcript and GPA is computed in late January and June.

Grade Scale:

A 93-100	A- 90-92	B+ 87-89	B 83-86	B- 80-82	
C+ 77-79	C 73-76	C- 70-72	D+ 67-69	D 64-66	F 63 & Below

COVID IMPLICATIONS

Virtual Learning in 2019-2021, Resuming In-Person Instruction in 2021-2022

Due to the global COVID-19 pandemic, PRISMS had to make changes within the school community, to maintain the health and safety for students, faculty, and their families, and continue to deliver high quality STEM education. To best serve our international student body residing worldwide, beginning in March 2020 and through the 20-21 academic year, PRISMS was completely virtual and synchronous to accommodate students across the globe. Classes were taught live from 7:30-10:45am and 7:30-10:45pm, 5 days a week. This model was unusual and challenging for pandemic teaching, however it enabled all of our students to continue receiving a PRISMS quality education.

PRISMS has resumed in person instruction for the majority of students for the 2021-2022 school year, with an asynchronous hybrid option for a small percentage of students who are still opting for remote learning. It is the school's intention to be in person for the entire school year, barring any major developments with the COVID-19 pandemic.

Grading

The A-F, 4.0 unweighted grading structure was maintained for the virtual 20-21 school year and remains the same through this year and moving ahead. We have strived to maintain the standard and expectation of excellence on PRISMS students through the changes of virtual learning and disruptions of the last year.

STANDARDIZED TESTING

In the past year, standardized testing proved to be challenging for PRISMS students, both domestic and international who faced repeated closures of testing locations, limited available seatings and test dates, and other logistical issues relating to Covid. All PRISMS students took online AP exams in both the 2019-2020 and 2020-2021 school years. Due to the lack of access for the SAT, PRISMS is providing an in-school test date reserved for our senior class this fall, many of whom who were unable to test in the last year.

COLLEGE ADMISSION

PRISMS is proud of our student's admission into the top colleges and universities in the US, UK, and Canada, and abroad. 100% of PRISMS graduates have or are currently attending a 4-year college or university. A list with college acceptances and college matriculations (bolded) can be found on the next page of this profile.

PRISMS University Acceptance 2016-2021
(matriculations are bolded)

Agnes Scott College
Amherst College
Andrews University
Berklee College of Music
Boston University
Bowdoin College
Brown University
Bryant College
Bryn Mawr College
California Institute of Technology (2)
California Polytechnic State University, San Luis Obispo
Cambridge University, Christ's College
Cambridge University, Girton College
Cambridge University, King's College
Cambridge University, Trinity College
Carlton College
Carnegie Mellon University (3)
Carnegie Mellon University, Computer Science (1)
Case Western Reserve
Clark University
Colgate University
Columbia University (2)
Cornell University
Cornell University (Architecture)
Cornell University (College of Engineering)(2)
Delft University of Technology
Drexel University
Duke University (3)
Eckerd College
Embry-Riddle University
Emerson College
Emory University
Florida Institute of Technology
Fordham University
Franklin and Marshall College
George Washington University
Georgia Institute of Technology
Hamilton College
Haverford College
Harvey Mudd College
Haverford College
Howard University
Illinois Institute of Technology (3)
Imperial College London
Indiana University, Bloomington
Johns Hopkins University (2)
Kenyon College
King's College London
Lafayette College
Massachusetts Inst. of Technology (14)
Middlebury College
Muhlenberg College
New York University
Northeastern University
Northwestern University (3)
Oberlin College of Arts and Sciences

Ohio Wesleyan University
Ohio State University
Olin College of Engineering
Pace University
Pennsylvania State University
Pratt Institute
Princeton University
Purdue University
Reed College
Rensselaer Polytechnic Institute (3)
Rice University (2)
Ringling College of Art and Design
Rochester Institute of Technology
Rose-Hulman Institute of Technology
Rutgers University-New Brunswick
Sarah Lawrence College
Savannah College of Art and Design
School of The Art Institute of Chicago
School of Visual Arts
Stanford University
Stevens Institute of Technology
Swarthmore College
Temple University
Tufts University
Tulane University
University of Alabama
University of Arizona
University of British Columbia
University of California, Berkeley (8)
University of California, Davis
University of California, Irvine
University of Calif., Los Angeles
University of Calif., San Diego (5)
University of Calif., Santa Barbara (2)
University of Chicago (5)
University College of London
University of Colorado at Boulder
University of Delaware
University of Illinois at Urbana-Champaign (3)
University of Kyoto
University of Maryland, College Park
University of Miami
University of Michigan (2)
University of Minnesota, Twin Cities
University of New Hampshire
University of North Carolina at Chapel Hill (2)
University of Notre Dame
University of Pennsylvania
University of Pittsburgh
University of Rochester
University of St. Andrews
University of Southern California
University of Toronto
University of Vermont
University of Virginia
University of Warwick

University of Washington (2)
University of Wisconsin, Madison
Vanderbilt University (3)
Vassar College
Villanova University
Virginia Tech
Warwick University
Washington University in St. Louis (2)
Wellesley College (2)
Wesleyan University
Williams College
Worcester Polytechnic Institute
Yale University