

Avenues Online

At a Glance 2023–24

Avenues Online Students



Fast Facts

36

Number of countries represented

117

Students in grades K–8

88

Students in grades 9–12

6

Rise Scholars enrolled

37%

Students identifying as non-white

61

Faculty members

10

Languages studied by students

20

Number of countries faculty live in

Diversity, Equity and Inclusion

In our mission statement, Avenues promises to graduate students who are “at ease beyond their borders;” that is, students who have the cultural competencies necessary to engage with and serve in communities other than their own. Whether those borders are defined by race, culture, physical ability, socio-economic background, gender expression or other measures of identity, Avenues equips its students to connect across differences and embrace access for all—both in and out of the classroom.

Rise Scholars

Avenues partners with **Rise**, an initiative of **Schmidt Futures** and the **Rhodes Trust**, to find and support brilliant people who need opportunity. Each year Rise identifies 100 Global Winners between the ages of 15-17 and gives them lifetime support to serve others. Avenues is proud to offer 10 full scholarships to Rise Winners each year.

USA Fencing

Avenues Online is the official school partner of USA Fencing. The partnership allows students to fully commit to their athletic goals while simultaneously pursuing a world-class education, regardless of their training or competition schedules via personalized calendars and flexible schedules. Two scholarships are made available to members of the USA Fencing community.

Humanitarian Partnerships with Khartoum American School and PSI Kyiv

We’re proud to support students attending international schools where learning has been interrupted due to conflict. In 2022-23, we welcomed 10 students from PSI Kyiv in Ukraine. This year, we are sponsoring nine students from Khartoum American School in Sudan. In addition to coursework, students receive comprehensive support including university counseling.



About Avenues

Avenues Online offers a comprehensive, project-based curriculum to nearly 200 students in grades toddler through 12th grade. Students benefit from access to world-class faculty, a highly rigorous curriculum, and a cohort of peers located around the world. Our unique combination of academic rigor and flexible scheduling meets the needs of deeply engaged students who devote significant time to outside areas of interest, such as activism, research, entrepreneurship, arts and athletics, as well as other competitive and professional pursuits. Admission to Avenues Online is highly selective and requires students to present independent research on a challenge prompt as part of their application process. Using a flexible tuition model, Avenues Online aims to meet the demonstrated financial need of each admitted student and family.

Contact Information

Joseph D’Annibale
Director of Admissions and Enrollment Management
admissions-on@avenues.org



Avenues Online is accredited by the New England Association of Schools and Colleges, and is recognized as an Apple Distinguished School.

Core Curriculum

GREAT WORKS

The foundation of an Avenues Online education is Great Works — a four-year sequence of interdisciplinary courses co-taught by faculty members specializing in science, engineering, and humanities. Students complete interdisciplinary projects which combine the study of literature, history, philosophy, economics, social sciences, math, science, engineering, technology, and design. A Great Books curriculum, typically 12–16 texts per year, is integrated into every sequence to help students draw authentic connections between their project work and real-world, global contexts.

For example:

- **In 12th grade**, students read *Sapiens: A Brief History of Humankind* by Yuval Harari while applying growth curve modeling to test future limits of human population growth.
- **In 11th grade**, students read *Purple Hibiscus* by Chimamanda Ngozi Adichie while investigating the history of Nigeria and applying theories of system thinking to address Boko Haram.
- **In 10th grade**, students read *The Periodic Table*, a memoir by chemist Primo Levi, while learning about chemical bonding.
- **In 9th grade**, students read *A Farewell to Arms* by Ernest Hemmingway while analyzing the causes of World War I and rewriting the Treaty of Versailles to prevent the outbreak of World War II.

In **Great Works English**, students read and think critically about literary texts, articulating their analyses in discussion and writing. Through rigorous project work students study a wide range of literary genres, examine concepts of structure in writing, explore major literary movements and literary schools of thought, practice literary analysis and learn to write in a range of forms, including personal reflections, argumentative essays, opinion pieces, literary analysis and creative representations in prose, poetry and scriptwriting.

Texts typically assigned in 12th grade include: *The Fire Next Time* by James Baldwin, *Kindred* by Octavia Butler, and Shakespeare's *The Tempest*.

In **Great Works World**, students dive deeply into global historical moments with an eye toward understanding the driving forces behind upheaval, change, and progress. They focus on big ideas that are common in all histories, such as cause and effect, interdependence, struggles for power, and economic influence, while also examining the social, economic, political, and cultural forces that shape individuals and communities. Projects focus

on building essential research skills, use of research tools, use of archival material, modes of writing about historical topics, and oral presentation.

Texts typically assigned in 12th grade include: *Interpreter of Maladies* by Jhumpa Lahiri, *There There* by Tommy Orange, and *Persepolis* by Marjane Satrapi.

In **Great Works Science**, physics, chemistry, and biology are covered through an integrated approach which incorporates engineering, computer science, statistics and design. Projects expose students to advanced topics such as biomimicry, biotechnology, machine learning, exploitative algorithms, nuclear physics, radiation, optimizing chemical reactions, and string theory. Students complete hands-on projects, conduct scientific research, design and prototype experiments, apply statistical analysis, develop visual aids, analyze graphs, write scientific papers and lab reports, and present their findings.

Texts typically assigned in 12th grade include: *The Order of Time* by Carlo Rovelli, *The Wizard and the Prophet* by Charles C. Mann, and *The Calcutta Chromosome* by Amitav Ghosh.

With faculty recommendation, students may enroll in advanced courses in physics, chemistry, and biology after demonstrating mastery of prerequisite material in Great Works.

MATH INQUIRY

Math Inquiry is an integrated, problem-based math program adapted from the curriculum at Phillips Exeter Academy. Integrated Math 1 provides a foundation in algebra and introduces students to geometric topics. In Integrated Math 2, 3, and 4 students develop high levels of fluency in geometry, trigonometry, algebra 2, pre-calculus, and functions; students capable of advanced work may cover foundational topics in calculus. After Integrated Math 4, students enter one of two calculus courses or a Functions, Probability and Data Analysis course based on the sophistication of their problem solving and demonstrated mastery of mathematical operations.

GLOBAL PASSPORT

With instruction available in 10 languages, students have an opportunity to develop practical communication skills in the language of their choice. The Global Passport curriculum focuses on task-based language learning, allowing students to develop practical fluency at an accelerated pace. Students are assessed yearly and benchmarked to the proficiency standards established by the American Council on the Teaching of Foreign Languages (ACTFL).

Avenues Learning Cycle

Courses at Avenues Online consist of 32 weeks of coursework divided into approximately eight units. Units are designed as multi-week learning sprints—periods of intense, focused learning—which culminate in a milestone experience. During milestones, students may choose to improve upon their past work by iterating and applying teacher feedback. They may also complete a **Creative Capstone** to explore the thematic content of the unit through independent research, a practical application, or a creative interpretation (art, music, poetry, etc.). When needed, students may elect to recharge and attend to their wellbeing during milestone periods.

Coursework may be completed in a cohort or tutorial model. In the **Cohort Model**, students meet at regularly scheduled times with a teacher and cohort of peers and progress through the course on pace with the Avenues academic calendar (see below). Courses taken in the **Tutorial Model** follow the same coursework with students receiving support through one-on-one sessions with expert faculty, a model based on the Oxford Tutorial. This flexible approach allows students to 1) move through their work at a pace that meets their needs and 2) structure their academic year around a non-traditional calendar, if they choose. A course delivered in 32 weeks in the cohort model may be completed in as few as 26 weeks by students following accelerated pacing.

Academic Calendar

SEPT.	SEMESTER 1
OCT.	
NOV.	
DEC.	
JAN.	J-TERM: JANUARY (optional projects term)
FEB.	SEMESTER 2
MAR.	
APR.	
MAY	
JUN.	J-TERM: JUNE (optional projects term)
JUL.	SUMMER TERM (tutorial only)
AUG.	

Tutorial Calendar

Tutorial students design their academic year based on their needs, with the expectation that a full year of course work will be completed in no fewer than 26 weeks and no more than 12 months. Courses in the tutorial model are offered year-round and during J-Terms and summer months.

Core Subject Course Summary and Graduation Requirements

All courses are 1 credit unless otherwise indicated. A minimum of 25 credits are required for graduation.

SUBJECT	REQUIRED COURSES	ELECTIVE COURSES	ADVANCED COURSES <i>requires faculty approval</i>
Great Works Core <i>4-year required sequence</i> An integrated sequence combining literature, history, philosophy, economics, social sciences, math, physics, biology, chemistry, engineering, technology, and arts and design	<ul style="list-style-type: none"> Great Works English, 9–12 	<ul style="list-style-type: none"> Writing with AI 	
	<ul style="list-style-type: none"> Writing Immersion (.5 credit) <i>Last required to cohort pathway students in 2022-23. Never required for tutorial pathway students.</i> 		
	<ul style="list-style-type: none"> Great Works World, 9–12 	<ul style="list-style-type: none"> US History Psychology Philosophy Business Strategy 	
	<ul style="list-style-type: none"> Great Works Science, 9–12 	<ul style="list-style-type: none"> Introduction to Coding and Computer Science 	<ul style="list-style-type: none"> Advanced Physics Advanced Chemistry Advanced Biology Advanced Computer Science
	<ul style="list-style-type: none"> Great Works Arts, 9–12 	<ul style="list-style-type: none"> Film and Animation 	
Math Inquiry <i>3 years required</i> In the Integrated Math 2, 3, and 4 sequence, students learn geometry, trigonometry, algebra 2, pre-calculus, and functions	<ul style="list-style-type: none"> Integrated Math 1 Integrated Math 2 Integrated Math 3 	<ul style="list-style-type: none"> Integrated Math 4 Functions, Probability and Data Analysis 	<ul style="list-style-type: none"> Differential and Integral Calculus Differential/Integral Calculus with Extended Topics Linear Algebra (MIT OpenCourse Ware syllabus) Multivariable Calculus
Global Passport <i>4 years required</i> Task-based language curriculum	<ul style="list-style-type: none"> Students choose from among 10 languages Language levels 1–4 	<ul style="list-style-type: none"> Metalinguistics: Romance Languages Metalinguistics: East Asian Languages 	<ul style="list-style-type: none"> Advanced-level courses offered at level 5 and above
Wellness and Movement <i>2 years required</i>	<ul style="list-style-type: none"> Wellness + Movement <i>Wellness and fitness training provided by professional coaches through Lift</i> 		

Academic Expectations, Credit and Grading

Avenues Online emphasizes project-based learning and collaboration over lectures and more traditional means of teaching and learning. Grading is based on completion of project units and demonstrations of independent research, critical thinking, clear writing, and creativity. Drafting, feedback, and iteration are core Avenues pedagogies.

The Avenues Online curriculum follows the **Avenues World Elements**, which sets the highest academic standards for all Avenues campuses. Courses maintain a level of rigor comparable to the Advanced Placement curriculum with many courses exceeding it with regard to depth of understanding, problem solving, and student-driven learning.

Progress through the curriculum occurs when the student has successfully completed coursework with a grade C- or above, pass, or credit. Students who earn grades below a C- or fail to meet minimum requirements in a pass/fail or credit/no credit course are subject to academic watch and other interventions.

Avenues Online does not offer Advanced Placement or International Baccalaureate courses nor does it report a GPA or rank students. No advanced courses are weighted on the transcript and no academic distinctions are awarded. Nearly all courses at Avenues are taught at an honors level.

Avenues Online University Matriculation 2022–2023

We are pleased to share the list of colleges and universities to which our Avenues Online alums from the Classes of 2022 and 2023 have committed to as of September 1, 2023. Just like our students and their remarkable backgrounds, the list of colleges attended by our just over 30 alums to date reflects a wide variety of post-secondary pursuits across the United States and world. In addition to the Class of 2022 and 2023 destinations, you'll find the most frequently attended institutions for all of our Avenues alums, across five global campuses, over the past seven years (Classes of 2016–2023). Congratulations to the Class of 2023!



UNITED STATES

Brown University (2)
California Polytechnic State University (Cal Poly)
Carnegie Mellon University
Claremont McKenna College
College of the Holy Cross
Cornell University
Harvey Mudd College
Iowa State University
Marquette University
Massachusetts Bay Community College
Minerva University
Penn State University
Pepperdine University
Prince George Community College
Purdue University
Stanford University
Tulane University
University of Chicago
University of Pittsburgh
University of Richmond
University of Southern California
Weatherford College
Wellesley College

CANADA

Concordia University

PHILIPPINES

Mapúa University

SWEDEN

Jönköping University

UNITED ARAB EMIRATES (UAE)

Middlesex University Dubai

UNITED KINGDOM

King's College London

Avenues Legacy Matriculation 2016–2023

MORE THAN 20 STUDENTS

Cornell University
Insper (Brazil)
New York University
Northeastern University

11–20 STUDENTS

American University
Boston University
Columbia University
IE University (Spain)
King's College London (England)
Parsons School of Design
Skidmore College
Syracuse University
Tulane University
University of Chicago
University of Pennsylvania
University of Southern California
University of St Andrews (Scotland)

7–10 STUDENTS

Babson College
Barnard College
Boston College
Brown University
Chapman University
George Washington University
Link School of Business (Brazil)
Loyola Marymount University
Stanford University
The New School
University of Miami
University of Michigan–Ann Arbor
University of Rochester
Wake Forest University

What is Avenues Online looking for in an applicant?

At Avenues, we are looking for students who can change the world. That's why our application process is different. We want to see what you think, how you solve problems, and why the future is important to you.

Avenues seeks students who can thrive in a rigorous, collaborative and creative learning environment. We strive to have a student community diverse in interests, talents and backgrounds—our application process is designed to assess all these aspects equally.



Scan this QR code
to learn more
about the process
and begin your
application today.