

Brooklyn Academy of Global Finance

Course Catalog
2025-2026



Administration

DIRECTORY OF ADMINISTRATORS

TITLE	NAME
Principal	Dannielle Darbee
Assistant Principal	Daniel Figueras

DEPARTMENT LEADS

TITLE	NAME
Humanities Chairperson	
STEM Chairperson	

Our Mission is to prepare students for post-secondary education and to compete in the global economy through a challenging academic curriculum and 21st Century skills, such as financial and digital literacy, collaboration and entrepreneurship.

Our values of academic rigor, financial literacy, awareness of the diverse cultures and economies of the world, and exposure to and experience in the corporate world are evident in our coursework and interdisciplinary curricula. Field trips, job shadowing, and internships give students a unique and up-close view of the business and financial industries.

Students study a sequence in business and finance along with high school requirements leading to either a Regents Diploma or an Advanced Regents Diploma and admission into college. All students complete a rigorous curriculum aligned to NYS State and Common Core Learning Standards.

Guidance

Title	Name
School Counselor (Grades)	Cleo Dancy
School Counselor (Grades)	Arelis Pelaez

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English

The English Department offers a variety in both content and style from grades 9-12. The literature chosen reflects 60% nonfiction text and 40% fiction text which provides the Scholars with rigorous content rich readings. These courses include Genre Studies in grade 9, World Literature in grade 10, AP Language & Composition in grade 11 and AP Seminar in grade 12. Four years of English are required to graduate, as well as one Regents examination grade of 65 or above. Advanced Placement English Language and Composition is given to all students in their Junior year Advanced Placement Seminar to all students in their Senior year.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Genre Study EES81/EES82 2	World Literature EES83/EES84 4	AP Literature EES85X/EES86X 6X	AP Seminar EES87X/EES88X 8X

CODE – EES81/EES82 Genre Studies

This course for incoming ninth graders is an overview of excellent literature across the major genres (short story, novel, poetry, drama, epic poetry, and literary nonfiction). Each unit includes a variety of genres surrounding a related theme. Scholars will conduct close readings of text to analyze literature from various angles, to view literature in historical context, and to observe connections between literature and the arts and to use evidence from the text to support their ideas. It is anticipated that the incoming ninth graders will have a foundation in fiction, drama, poetry, mythology, and literary nonfiction. In addition, they will have begun.

CODE – EES83/EES84 World Literature

Study literature from around the world. Each literary unit allows for close study of literary works, as well as consideration of historical and cultural context. While exploring literature in geographical regions, the units will also focus on themes and literary forms that pertain to them. Thus students will understand and make connections with the relationship between local concerns and universal questions.

This course ends in the ELA Regents.

CODE – EES85X/EES86X Advanced Placement Language & Composition (8 Periods per week)

AP English Language & Composition cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. The course cultivates the rhetorical understanding

and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres (e.g. memos, letters, advertisements, political satires, personal narratives, scientific arguments, cultural critiques, research reports). Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (e.g. vocabulary, diction, syntax, spelling, punctuation, paragraphing, genre). Main text: *The Language of Composition*. This course is designed to prepare the student to take the Advanced Placement Examination in Language & Composition administered by the College Board in May of each year. Some colleges grant credit to students who pass the exam.

This course ends in the AP Exam.

CODE – EES87X/EES88X Advanced Placement Seminar

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

This course ends in the AP Exam.

English as a New Language (ENL)

The ENL program is designed to support students for success both academically and in the real world. First, students are assessed and then placed in the ESL level that will best fit their needs. Our program will strengthen the English Language Learner's ability to read, write and speak the English language. Support is provided through a Push-in/Pull-out model to provide individualized and small group instruction tailored to students' levels and needs. Emerging ENL students are provided with an additional standalone ENL course.

Foreign Language

The Foreign Language Department offers variety in both content and style from grades 9-12. While the New York City education department only requires 2 foreign language credits we strive to help Scholars become comfortable speaking and understanding a foreign language. These courses are offered in order to help students build communication skills including speaking, reading, writing, and listening. Students will express themselves in phrases, short sentences and memorized material in the present, present progressive, and past tenses. In addition, students will learn the cultures of the people where the language is spoken. Upon successful completion of the course, students will be able to describe, ask and answer simple questions, engage in simple conversations. The LOTE Exam is offered at the end of the sequence.

CODE – FSS61/FSS62 Spanish I

This course is the first year of formal instruction in the Spanish language. Students progress from listening to and repeating short, memorized phrases to using linguistic and cultural skills for expressing needs. Emphasis is placed on dialogue and short readings, oral guided responses, the alphabet and sound system, topical vocabulary, and present tense verbs. In addition to language study, students explore aspects of Spanish culture, geography, history, and literature.

CODE – FSS63/FSS64 Spanish 2

Spanish 2, continuation of Spanish 1, is designed to enhance students' skills in listening, speaking, reading and writing the Spanish language. Students will apply these skills in simulated daily-life situations. In addition to the language study, students will continue to explore aspects of Spanish culture, geography, history, and literature. Emphasis is placed on the oral language as a means of communication.

CODE – FSS65/FSS66 Spanish 3

Spanish 3 offers review and reinforcement of the skills and knowledge mastered in Spanish 2. Advanced grammar concepts are introduced and more complex vocabulary and reading passages are studied. Emphasis is placed on improving conversation skills and using the language in a variety of settings.

Course ends in LOTE Exam

History

The History Department offers a variety of courses that encompasses the social sciences. The following courses describe the department's required offerings in specific grade order: Global History I & II in grade 9, Global History III & IV in grade 10, AP US History in grade 11, Participation in Government in grade 12, Economics in grade 12. Students are required to pass the Regents Exam with a grade of 65 and above on the Global History and U.S. History in order to graduate.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Global History & Geography I & II HGS41 & HGS42	Global History III & IV HGS43 & HGS44	Advanced Placement US History HUS21X & HUS22X	Economics Participation in Government HVS11 / HES11T

CODE: HGS41/HGS42: Global History & Geography I & II:

This course for incoming ninth graders will be covering the beginnings of Ancient Civilization in the Ancient world through the Age of Absolution (from 5000 BCE to approximately 1100 CE). The aim of Global History is to investigate the political, economic, and social factors that make up civilizations and its developments over time. Students will explore and understand the importance of cultural diffusion and contributions to society and their impact on the various regions of the world.

CODE – HGS43/HGS44 Global History III & IV:

In this course, scholars will learn about the Monarchies and Revolutions, through the 16th, 17th, 18th, 19th and 20th Century, ending with the current state of affairs on a global scale. When scholars reach the 10th grade, they are embarking on the second leg of their journey of World History. This history course will prepare scholars for the upcoming New York State Regents Exam in Global History, June.

This course ends in the Global Regents.

CODE- HUS21X/HUS22X Advanced Placement U.S. History:

Advanced Placement United States History is a chronological survey of the history of the United States from the colonial period to the present. It is a demanding course whose emphasis goes beyond the memorization of facts to the interpretation and analysis of historical data and writings. Student writing is an important component of the course. This course is designed to prepare the student to take the Advanced Placement Examination in United States History administered by the College Board in May of each year. Some colleges grant credit to students who pass the exam.

This course ends in the US History Regents.

This course ends in the AP Exam.

CODE – HVS11 Participation In Government:

This required course provides scholars with an opportunity to explore our system of government, the political parties that vie for control of each election and the manner in which public policy issues are addressed. Scholars are taught skills of decision-making and problem solving in the context of evaluating real issues confronting the communities in which the students live.

CODE- HES11T Economics:

Economics has been called the study of how individuals and groups earn their living. Each person, in some way, contributes to the economy of the United States. In this course, you will study economics as it relates to you and the global community. Whether your future career goals include starting a business or working for someone else, this course will increase your financial knowledge and earning power.

Math

The math department offers several high school level mathematics courses including Algebra 1, Geometry, and Algebra II. Three years of mathematics are required to graduate, as well as one Regents examination grade of 65 or above. A typical scholar takes Algebra 1 freshman year, Geometry sophomore year, and Algebra II junior year. Three Regents examination grades of 65 or above are required for an Advanced Regents Diploma.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Algebra I MES21, MES22	Geometry MGS21, MGS22	Algebra II MRS21, MRS22	College Now Elective

CODE MES21/ MES22 – Algebra I

Students will develop a thorough understanding of functions of various types: linear, quadratic, exponential, and absolute value. Applications of these functions to real world situations are represented. The study of statistics is also applied to real world situations.

Course ends in the Algebra 1 Regents Exam

CODE MGS21/MGS22 – Geometry:

Students will study Euclidean geometry with a more detailed emphasis on inductive and deductive reasoning and will be asked to demonstrate their knowledge of the material primarily by way of proof. Topics include properties of points, lines, rays, planes, polygons, circles, spheres, congruence, parallelism, perpendicularity, similarity, transformations, basic trigonometry, calculation of area/perimeter/volume, and the Pythagorean theorem along with other theorem work.

Course ends in the Geometry Regents Exam

CODE MRS21/MRS22 – Algebra II:

This course is intended for math students who need little to no review of basic concepts like graphing of lines, substitution/elimination, solving equations, exponents, factoring, and the quadratic formula. Students study and perform operations with all functions such as linear ones with a two and three-dimensional analysis, quadratic functions, exponential and logarithmic functions, and all trigonometric functions and their inverses. Topics include: function vocabulary, Cramer's Rule, linear programming, introduction to vectors, solving quadratic equations and analyzing them graphically with real or imaginary solutions, exponential growth and decay, all logarithm properties, financial applications, sequences and series, probability through combinations and permutations, trigonometric ratios, formulas, the unit circle, and the law of sines and cosines.

Course ends in the Algebra 2 Regents Exam

Science

Our primary goal is to teach students to think scientifically and engage them in hands-on laboratory activities. The lab component of Regents Science classes is a required component by the state of New York. Scholars are obligated to complete **1,200 minutes of lab work, including 3 mandated science experiences**, in order to be considered eligible to sit for the Regents exam in June. Scholars generally take Regents Living Environment in grade 9, AP Environmental Science in grade 10, and Regents Chemistry in grade 11.

Students are required to pass with a grade of 65 and above on one of the Regents Science examinations in order to graduate with a Regents diploma. Students can strive to earn an Advanced Regents diploma by passing 2 Regents Science examinations with a grade of 65 and above.

Track	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Standard	Biology SBS21, SBS22	AP Biology SBS21X, SBS22X	Earth and Space Sciences	College Now Elective

CODE – SBS21/SBS22 REGENTS BIOLOGY

This is a general introductory biology course encompassing the New York State Regents Syllabus in Biology. Emphasis is placed on developing concepts through the scientific method and laboratory exercises are stressed. Emphasis is placed on data analysis and interpretation, scientific writing and reading.

To qualify for the regents exam, students must complete 1200 minutes of laboratory experiences AND complete 3 state required experiences.

This course ends in the Biology Regents Exam

CODE – SES21 and SES22: REGENTS EARTH AND SPACE SCIENCES

Earth Systems Science is a sophomore/junior level lab-based science course that explores the interactions of the various “spheres” of Earth (atmosphere, hydrosphere, geosphere, exosphere) as a dynamic, evolving system. This course illustrates the relevance and impact of science in society, while engaging students in the mastery of basic biology, physics, and chemistry concepts that will prepare them for higher level science courses.

To qualify for the regents exam, students must complete 1200 minutes of laboratory experiences AND complete 3 state required experiences.

This course ends in the Earth and Space Sciences Regents Exam

CODE – SBS21X/SBS22X: AP BIOLOGY (8 periods per week)

This college-level, year-long course of study is an in-depth study for all major areas of Biology with an emphasis on molecular mechanics, geared to the preparation of the student for the Advanced Placement exam. The course is taught through lecture, active classroom discussion and laboratory projects. Students are tested on each unit and are graded on outlines they prepare of major topic areas. The student must read and master the material in a college level text and review book which is required as outside reading. Students perform dissections and other laboratory exercises.

This course ends in the AP Exam

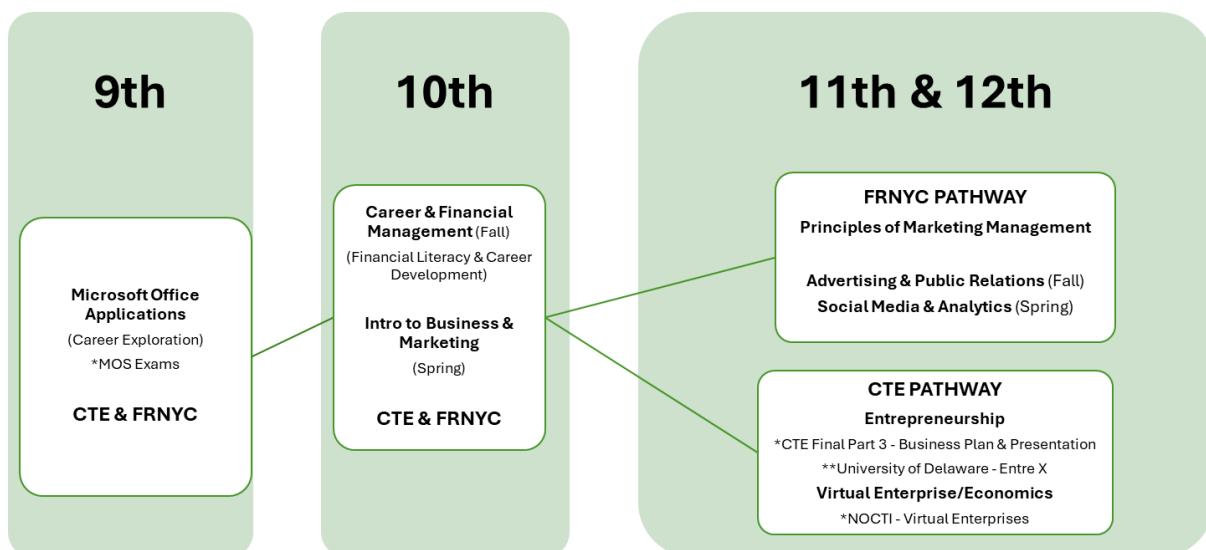
CTE: Business

Our Finance and Business curriculum is provided by the National Academy Foundation (NAF) and is aligned to industry and NYS CDOS standards. Students develop their professional identity through their four years in the school culminating in a Career Plan and Work Skills Employability Profile. Students are also exposed to college, with an emphasis on degree programs in business and finance.

NAF provides a rigorous, industry-validated career-themed curriculum that incorporates current industry standards and practices, literacy strategies, and STEM integration. NAF's instructional practices foster cross-curriculum collaboration so students can make connections across subject areas. The NAF curricula is created in partnership with industry professionals and designed around projects that help students acquire valuable workplace skills and see their education as a step toward long-term career options. NAF empowers teachers to expand the boundaries of the classroom in non-traditional ways that ensure lessons have real-world application to growing industries.

NAF Certified Graduates are eligible for NAFTrack Certified Hiring with a variety of NAF partners, including AT&T, Cisco, EMC, HP, JPMorgan Chase, Juniper Networks, KPMG LLP, RBC Capital Markets US, Verizon and Xerox.

We are honored to collaborate with the National Academy Foundation (NAF) and other industry partners to provide real-world business experience including job shadowing, guest speakers, workshops, industry trips and paid internships for our students. Work-based Learning Opportunities are embedded into courses and also offered as co- and extra-curricular activities.



CODE: BFS81T/BFS82T TOPICS IN FINANCE

Topics in Finance gives students a thorough introduction to the concepts, tools, and institutions of finance and serves as a foundation for the core courses offered in the sequence. Topics in Finance begins with the basics of financial literacy and the function of finance in society. Students then study income and wealth, including budgeting, personal banking, credit and borrowing, and planning for retirement. Next, students examine financial institutions and the role of finance in organizations. They learn about common methods by which businesses raise capital—IPOs, selling stocks and bonds, and short-term financing—and they study key investment-related terms and concepts, including the time value of money. Students also explore specific topics of importance in today's world of finance, risk management, taxes, and ethics. They research how technological and international innovations have changed the financial services field.

CODE: BFS83T/BFS84T ENTREPRENEURSHIP

This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership and emphasis being placed on small business ownership. An important part of the course will be the incorporation of Marketing, staffing, planning, organizing, and the development of business and managerial Leadership skills, and financial considerations.

CODE: BBS21T/BBS22T FINANCIAL SERVICES

Financial Services provides students with an overview of banks and other financial services companies. The course will focus on the skills needed to prepare students to be financially literate in the global economy of the 21st century. Understanding and managing personal finances are key to one's future financial success. Topics to be included in this course are the management of money, debt, credit and financial risks, insurance, financial planning, saving, investing. Students will also examine career choices with regards to income as well as how choices they make as consumers will affect themselves and the world around them. Students will also examine contemporary issues including the level of personal saving in the United States, ethics in the financial services industry, and the industry's effect on communities and families.

CODE: BFS11T BUSINESS IN A GLOBAL ECONOMY

Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing firms doing business internationally—and to the potential opportunities and markets that are lost to firms that choose not to do business in the global marketplace. Building on concepts that were introduced in Principles of Finance, Business in a Global Economy broadens student understanding of how businesses operate and how they grow and thrive in our ever-changing world.

CODE: TUS21T and TUS22T MICROSOFT OFFICE

This course provides comprehensive training in the applications in the Microsoft Office Suite and prepares students for Microsoft Office Certification exams. This course is part of Microsoft Imagine Academy. Students can receive certification in Word, Power Point, Excel and Access upon successful completion of the exam.

CODE: MKS21 and MKS22 TECHNICAL MATH (TEALS)

TEALS (Technology Education and Literacy in Schools) helps high schools throughout the US build and grow sustainable computer science programs. In its proven program, TEALS pairs trained computer science professionals from across the technology industry with classroom teachers to team-teach computer science. This course is based on The Beauty and Joy of Computing at UC Berkeley. This is a broad-based intro class that uses the Snap! visual programming language to introduce students to computational thinking. Students transition to text-based programming using the beginner-friendly Python language in the second semester.

Physical Education

The purpose of this physical education program is to introduce students to the benefits of fitness, wellness, and physical exercise. Students will experience a wide variety of sports (individual and team), weight training, and heart health enhancing cooperative games. The focus of these activities is to provide the students with the opportunity to enhance their social, cognitive, and physical health. This program is designed for students to acquire the knowledge, skills, and motivation to participate in life long, health enhancing activities.

CODES: PPS81, PPS82, PPS83, PPS84, PPS85, PPS86, PPS87, PPS88, PFS21, PFS22, PGS11 Physical Education

In these courses, students will develop the knowledge and skills necessary to self-assess, and evaluate personal fitness programs. They will also engage in fitness and conditioning activities.

CODE: PHS11: Required Health Education

This course begins by giving the student an overall understanding of health, wellness, and quality of life. Students discuss making responsible decisions and learn about their bodies and how best to care for them. Students also discuss mental health, physical health, and different growth levels including adolescence, adulthood, marriage and parenthood. In addition, students discuss diseases and disorders such as sexually transmitted diseases, HIV, AIDS, noninfectious diseases and disorders that may be hereditary and congenital. Students will extensively study prevalent health issues such as obesity, heart disease, and diabetes. By the end of the course students will have a good understanding, not only of what health and wellness is, but how to attain it through everyday living experiences.

Art

CODE: AWS11 DRAWING

This course will provide students with advanced art experiences that will develop visual competence, expertise of skills in two dimensional art in value and in color, and awareness of historical art movements. Introduces students to the Elements of Art and Principles of Design while developing drawing skills. Experiences in the classroom will give students opportunities to experience a variety of media (pencil, pen, ink, charcoal, pastel, watercolor, and tempera paint) while developing student's individual style and creative problem solving skills.

Electives

CODE: EQS43QJ/EQS44QJ ONE GOAL YEAR TWO

High school seniors apply for and enroll in their best-fit college. This course supports them through tactical steps, including applications and financial aid, while also honing non-cognitive skills and Leadership Principles that will prepare them for the year ahead. Students engage in research, text-based reading and writing activities, and a final presentation.

CODE: GLS21/GLS22 LEADERSHIP (PEER GROUP CONNECTION PGC)

Peer Group Connection (PGC) for High Schools is an evidence-based program that supports and eases students' successful transition from middle to high school. The program taps into the power of high school juniors and seniors to create a nurturing environment for incoming freshmen. Once per week, pairs of junior and senior peer leaders meet with groups of 10-14 freshmen in outreach sessions designed to strengthen relationships among students across grades. These peer leaders are simultaneously enrolled in a daily, for-credit, year-long leadership course taught by school faculty during regular school hours. PGC is CSS's seminal peer leadership program, and has been implemented with a 70% sustainability rate in more than 175 high schools since 1979. A recently released, four-year longitudinal, randomized-control study conducted by Rutgers University and funded by the United States Department of Health and Human Services found that, among other major results, PGC improves the graduation rates of student participants in an inner city public school by ten percentage points and cuts by half the number of male students who would otherwise drop out.