



**SUMMER
SPRINGBOARD**
Look Inward. Go Upward.



PRE-COLLEGE SUMMER PROGRAM AT BARNARD COLLEGE

Save your spot
now to avoid the
waitlist!

ENROLL NOW!

Live and learn in one of the world's most innovative and culturally rich metropolises. Often hailed as "the land of opportunity," New York City offers an unforgettable backdrop for a summer like no other. Spend the summer in the heart of it all, with its iconic architecture, famous landmarks, and the world's major commercial, financial, and cultural centers. Students on the Summer Springboard program at Barnard College will get the chance to experience the culture and learn the city's fascinating history while getting a hands-on education in their chosen field of study.

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Summer Springboard is operated independently of Barnard and is not sponsored or endorsed by the University. The views expressed in connection with the program are not the official positions, statements of advice nor opinions of Barnard and should not be viewed as an endorsement by Barnard of any such views or statements.

The Three SSB Pillars



1. Explore a Career Path

- Outstanding instructors with deep industry experience.
- Courses with hands-on group projects.
- Notable guest speakers and academic excursions.



2. Prepare For Choices Ahead

- Structured reflections on well-suited college majors and top-choice universities.
- Series of college readiness workshops.
- Guided mentor group discussions.



3. Experience Real College Life

- Daily life on campus.
- Broad range of evening activities.
- Fun local excursions.

A DAY IN THE LIFE OF A SUMMER SPRINGBOARD STUDENT

CAMPUS-BASED - TYPICAL WEEKDAY SCHEDULE



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Program Information



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- There are nine three-hour class sessions over the two-week course.
- **Week 1:** Students have class from 9 a.m.-noon Monday - Friday.
- **Week 2:** Students have class from 9 a.m.-noon Monday through Thursday.
- Wednesday afternoon each week is dedicated to students' course-specific academic excursion, guest speaker or activity.

Requirements

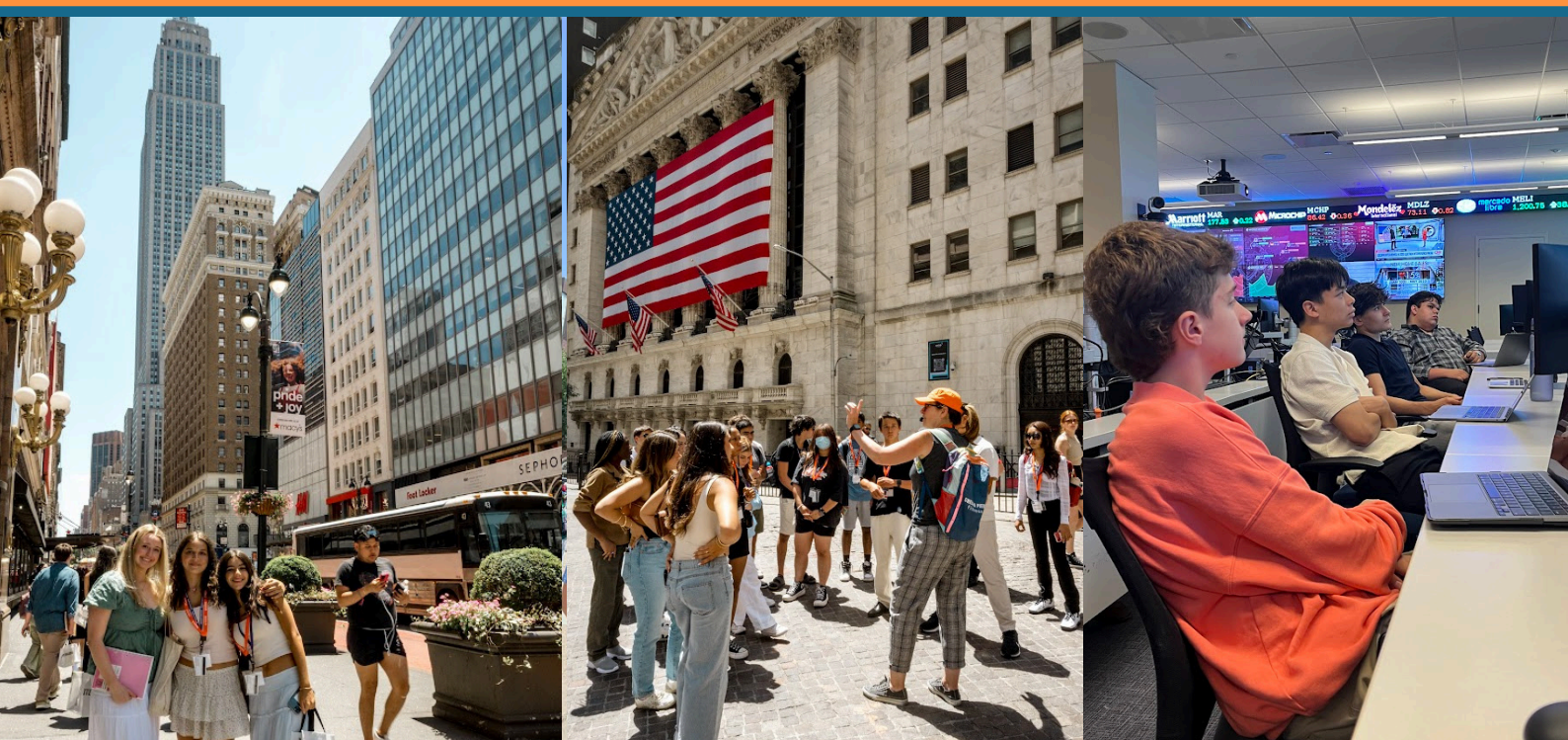
- For students entering grades 9-12
- A grade point average of 3.0 (or equivalent)

Dates

- Session 1: July 6 - July 18
- Session 2: July 20 - August 1

Tuition

Residential: \$5,898
Commuter: \$3,298



Program Types & Tuition

Residential



The residential students will stay in a residence hall on a college campus in midtown Manhattan while eating in an on-campus dining halls for most meals. All excursions and activities are included.

Residential Tuition: \$5,898*

Commuter



Our commuter students will experience the Day In The Life schedule from 9am - 5pm. These students are able to add the weekend excursions for an additional fee.

Commuter Tuition: \$3,298*

*The Emergency Medicine and Architecture courses require an additional tuition supplement of \$250

College Readiness Workshops

College Readiness Workshops are interactive sessions designed to help you develop vital life skills, beyond academics, giving you the tools you need to thrive in college and beyond.

Workshops take place in the afternoon.

Students will participate in one session of each of the following:

COLLEGE ADMISSIONS



Unlock the secrets of the daunting college application process and learn from Summer Springboard mentors who have valuable insights. You'll leave this elective with more knowledge on the college search and your criteria, essay writing, identifying on-campus opportunities, and the admissions process.

FINANCE 101



Learn fundamental skills in money management like building a budget and responsible spending and how to navigate the financial aid process.

SPEAKING WITH CONFIDENCE



From speaking in front of a class to prepping for a college interview, find your voice and develop your ability to express yourself clearly and confidently.

LEADERSHIP



Learn how to develop your personal leadership style, foster a collaborative environment, and build self-awareness.

Excursions



Academic field trips

To make the most of what New York City has to offer, each academic program will take students on relevant trips designed to enhance their studies and deepen their understanding of specific subjects. Past excursions have included visits to Microsoft, Steve Madden Headquarters, Wall Street, KPF Architects, and Fabrik.

Major Attractions

Students will get to experience some of the best places in New York City! Explore Central Park and its lush greenery surrounded by skyscrapers. Visit the Top of the Rock for incredible skyline views. See the busy and beautiful Grand Central Station and Times Square. Take a boat tour and see the Statue of Liberty up close. Students will also spend a full day outside the city at Six Flags Great Adventure.



Campus Life



Student Life

Students get the unique chance to live, dine, and learn right in the vibrant heart of midtown Manhattan! They'll experience the energy of city life while enjoying the safety and structure of a well-supervised environment. Students will have access to New York's abundant cultural, financial, historical, and famous attractions. Students get to explore the best of this city with new friends and unforgettable adventures.



Lodging & Meals

Students will live in a residential building with 24-hour security. Each student will live in a suite with roommates and a shared bathroom. Your mentors will live just down the hall, available to assist with anything you may need.

Students will dine at a local dining hall for most meals. This dining hall can accommodate diets such as vegetarian, vegan, gluten-free, kosher, halal, or specific food allergies.

Featured Instructors

Summer Springboard courses are taught by accomplished and passionate faculty recruited from many area colleges, universities & professional forums. Each faculty member is selected for their expertise and proven ability to both challenge and captivate students. For more information about our instructors, please visit our [website](#).

ARCHITECTURE



Guido Zuliani

Guido Zuliani is an architect and an educator. In 1982 he became a registered architect. Mr. Zuliani began his academic work as a researcher at the Dipartimento di Progettazione Edilizia of the Università IUAV di Venezia where he remained until 1985. In the fall of that year Mr. Zuliani moved to New York and began to teach at The Irwin S. Chanin School of Architecture at The Cooper Union where he is currently a Distinguished Professor in Architecture. At Cooper Mr. Zuliani has taught Design Studios, Architectural History, and Seminars in the Theory and History of Architecture. In 2003 Mr. Zuliani founded AZstudio, where as a principal he has collaborated with various firms in the US and Italy.

BUSINESS & ENTREPRENEURSHIP



Diosdado Sima

Diosdado Sima (Dio) is a CEO, designer, and entrepreneur whose journey as an immigrant in the United States has deeply influenced his creative and business ventures. As the founder of Visionary Society, a streetwear brand launched in 2013 during his undergraduate studies, Dio has combined his passion for fashion with his mission to foster community and connection. His designs, inspired by streetwear and typography, transcend language barriers, uniting people under a shared cultural banner. Beyond fashion, Dio is dedicated to philanthropy through his organization, For A Better Society. With a focus on blending culture, quality, and inclusivity, Dio continues to redefine the intersection of business, design, and community impact.

COMPUTER SCIENCE



Dr. Christelle Scharff

Dr. Christelle Scharff is a Professor of Computer Science at Pace University. She has a Ph.D. in Symbolic Artificial Intelligence from INRIA, the French National Institute for Research in Digital Science and Technology. Her current research focuses on global software engineering, mobile for social change, and machine learning. She published more than 30 papers in these areas. She was awarded grants from NSF, IBM, Microsoft, VentureWell, and Google. She is the co-founder of Mobile(4)Senegal association, whose mission is to build capacity in mobile app development and promote local tech talents and is the co-founder of the mJangale startup that focuses on introducing children to coding in Senegal.

FASHION MERCHANDISING



Joy Bridges

Los Angeles-based fashion and celebrity stylist Joy Bridges, a graduate of the Fashion Institute of Technology, infuses her work with an innovative yet chic sensibility. Mentored by industry leaders like Law Roach and Zerina Akers, working closely with stars such as Beyonce and Ariana Grande. Now making waves in Hollywood, Joy's diverse client roster includes Grammy-winning artists Coco Jones and Lil Nas X, along with basketball icons like James Harden. With her dynamic storytelling approach to fashion, she brings a wealth of experience to her role by inspiring students with tales of liberation, self-love, and diversity.

FINANCE & INVESTING



Artem Joukov

Dr. Artem M. Joukov, a professor of Finance at Wenzhou-Kean University in China, initially pursued a legal career in the United States before transitioning to academia. Born in St. Petersburg, USSR, he holds the prestigious Order of the Samaritan from the UA Public Interest Institute. Dr. Joukov's research, spanning law, economics, and finance, emphasizes the critical role of property rights in a thriving economy. His recent papers explore shareholder rights, trade rights, and property owners' rights in residential real estate. Notably, his legal articles have earned favorable recognition from the Supreme Court of the United States, the Supreme Court of Georgia, and the Appellate Court of Connecticut.

Featured Instructors



Dr. Gizem Kayar

GAME DEVELOPMENT

Dr. Gizem Kayar holds an MSc and Ph.D. in Computer Science from Albert Ludwig University of Freiburg, Germany. She later worked as a Postdoctoral Fellow with the MIT Geonumerics Group. With over 15 years of experience in Computer Graphics, Dr. Kayar's research focuses on physics-based modeling and simulation systems. Dr. Kayar founded and led the MSKU Digital Game-Based Learning and Serious Games Lab, where she further explored her passion for serious games, particularly in the health tech sector. She has taught Game Programming for eight years and is currently a Clinical Associate Professor in the Computer Science Department at NYU. She has published over 20 peer-reviewed publications, supervised numerous theses, and received multiple research grants in the fields of Computer Graphics, Simulation Systems, and Game Development.



Kyle Lorenzo

PSYCHOLOGY & NEUROSCIENCE

Kyle Lorenzo is an instructor of Psychology at Fordham University. He received his BAs in Psychology and Biological Sciences with minors in Cognitive Sciences and International Studies at North Carolina State University. He then received his MA in Applied Developmental Psychology at Fordham University. Kyle's research interests include holistic and culturally responsive approaches to promoting mental health and public health equity among adolescents and young adults. He has taught lectures on foundational psychology, biopsychology, multicultural psychology, and cross-cultural psychology. Kyle's teaching style emphasizes student agency and critical thinking under the belief that students should learn not just what to think, but how to think.

SSB High School Course List

High school programs are two weeks long and are designed for students ages 14-17.

		Session 1 7/6 - 7/18	Session 2 7/20 - 8/1
Business & Law Track	Business & Entrepreneurship	✓	✓
	Finance & Investing	✓	✓
Engineering & Science Track	Computer Science	✓	
	Game Development		✓
Media & Design Track	Architecture	✓	✓
	Fashion Merchandising	✓	
Medicine & Healthcare Track	Emergency Medicine	✓	✓
	Psychology & Neuroscience	✓	✓

*Program course dates are subject to change, visit our [Session Status Board](#) to check the current status of each program.

SSB High School Course List

ARCHITECTURE*

Highlights

- Master all the steps of building a structure—from strategic ideation to the finished product.
- Design buildings, select materials and analyze the sustainability impact as you perform hands-on design simulations.
- Prepare a portfolio of your final presentation, including hand drawings and digital scale models.
- Visit professional firms and tour behind the scenes of local attractions to see the best examples of various architectural styles

Architecture Highlight:

Students have explored renowned firms known for their innovative designs like Obra Architects, KPF Architects, and Transsolar.

Program Type	Infosheet
Media & Design	View our infosheet

**This course requires an additional tuition supplement of \$250*

BUSINESS & ENTREPRENEURSHIP

Highlights

- Introduce the Business Model Canvas approach to entrepreneurship
- Work in teams to create a new business venture and develop a sales and marketing plan to pitch your venture to investors and mentors
- Understand how operations, marketing, sales, and finance come together to drive businesses
- Hear the tales of survival of a startup business from an entrepreneurial founder

Business & Entrepreneurship Highlight:

Students embarked on an exclusive tour of Fabrik, a company that transforms underused spaces into vibrant community hubs. Students also visited Any Bag, dedicated to repurposing single-use plastic bags.

Program Type	Infosheet
Business & Law	View our infosheet

COMPUTER SCIENCE

Highlights

- Gain foundational experience with the Python programming language, exploring the fundamentals and covering a blend of theory and hands-on practice.
- Gain proficiency using different data types and be introduced to basic data manipulation techniques using Pandas and NumPy.
- Learn to create and manipulate collections and become adept at using loops for iterating over data.
- Gain insights into how Python can be used in various fields like web development, data science, automation, and more.

Computer Science

Highlight:

Students have gone on a behind-the-scenes tour of Microsoft, where they explored cutting-edge technology, and also engaged in immersive spy simulations at Spyscape.

Program Type	Infosheet
Engineering & Science	View our infosheet

EMERGENCY MEDICINE*

Highlights

- Learn real-life techniques such as suturing, setting a splint, wound care, taking vital signs and perform simulated clinical rounds
- Visit a simulation lab where medical and healthcare professors help students refine their life-saving skills
- Work in teams as you research, diagnose, and develop a treatment plan for a patient
- Take part in a mass casualty simulation, experiencing firsthand how to react in an emergency
- Up-close look at ambulance and speak with EMTs and paramedics on what it's like to be on the front line

Emergency Medicine

Highlight:

Students will engage in immersive and interactive medical simulation experiences, learning skills such as stitching, suturing, intubation, and Basic Life Support. They will also become CPR certified.

Program Type	Infosheet
Medicine & Healthcare	View our infosheet

**This course requires an additional tuition supplement of \$250*

FASHION MERCHANDISING

Highlights

- Attain fundamental knowledge about pursuing a career in fashion merchandising and retail marketing.
- Acquire practical strategies to identify industry trends and gain insight into market preferences.
- Delve into the art of fashion retailing through the study of consumer behavior, visual merchandising, and store management
- Develop a comprehensive understanding of procurement, development, and sales processes involved in fashion buying.
- Gain insights into the day-to-day operations of the fashion world, including valuable market research techniques.
- Showcase proficiency in utilizing tools, materials, and techniques to enhance brand communication, including social media and integrated marketing.
- Demonstrate your expertise by developing a product based on the course and presenting it to a brand.

Fashion Merchandising Highlight:

Student will visit the Fashion Institute of Technology (FIT) and hand-pick fabrics for a project, and meet with rising designers, fashion buyers, and product developers. Last year, students visited the Steve Madden Headquarters.

Program Type	Infosheet
Media & Design	View our infosheet

FINANCE & INVESTING

Highlights

- Study the underlying factors that influence publicly traded stock prices, and learn about options, futures and margin trading.
- Analyze P&L and balance sheets to gain useful insights into company valuations and private equity investments.
- Conduct equity research, and value a company using time-tested principles from professional investors.
- Gain valuable insights, and build a portfolio of stocks, bonds, and options, all while participating in a team-based trading competition with your classmates.

Finance & Investing Highlight:

Students will embark on an exclusive tour of Wall Street, step inside a state-of-the-art trading room equipped with 15 Bloomberg terminals, and hear firsthand insights from top CEOs and financial advisors.

Program Type	Infosheet
Business & Law	View our infosheet

GAME DEVELOPMENT

Highlights

- Describe the differences between game design and game programming.
- Get familiar with game engine and 3D modeling tool interfaces.
- Identify the components in Unity game engine.
- Create and use prefabs for a game.
- Gain exposure to C# programming language for gameplay purposes.
- Handle physical collisions in a game.
- Engage with leading experts and in teams to practice creating a game.
- Discover an essential skill for the future which has become a basic requirement for acquiring many jobs.
- Engage with leading experts and in teams practice creating a video game.

Program Type	Infosheet
Engineering & Science	View our infosheet

Game Development Highlight:

Students have the chance to meet game developers, designers, and professors, gaining firsthand insights into cutting-edge work. Students in the past have visited Spyscape and Microsoft.

PSYCHOLOGY & NEUROSCIENCE

Highlights

- Uncover the mystery of how the mind works, and examine the connection between the brain and human behavior.
- Develop solutions to the complex questions of human behavior through hands-on activities such as a brain dissection and real-world experiments.
- Understand treatment strategies for a variety of mental health issues that affect millions of individuals.
- Interact with clinical psychologists, neurologists and researchers who are experts in this specialized field.
- Learn how to construct a novel psychological theory and design experiments to test it (Research Methods).
- Discover what psychology is like as a profession, as an academic or clinician.

Program Type	Infosheet
Medicine & Healthcare	View our infosheet

Psychology & Neuroscience Highlight:

Students in the past have received a behind-the-scenes tour of the psychology lab at NYU. They also witnessed an MRI scan and participated in a research study.

Testimonials



“

Summer Springboard has been an amazing experience that has given me a great opportunity to grow mentally, socially, and has allowed me to determine what path to take in the future. Summer Springboard is a great way to not only prepare you for the future, but also allow you to enjoy the present. It was a fun and engaging learning experience.

”

Sam B.,
Former Summer
Springboard Student

“

The program was everything I thought it would be. It's an experience that will make you feel connected to other people and to the course itself. It makes you become more comfortable with who you are and the things that you're passionate about. I really enjoyed everything about it.

”

Imani J.,
Former Summer
Springboard Student





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