

YOUTH  
ACADEMY  
FALL  
2024



HOFSTRA UNIVERSITY  
YOUTH ACADEMY

# Program Options: 9:30 – 10:55 A.M.

## Academics

### ELA: Grades 1 and 2

This course gives students the opportunity to work with both literature and informational texts to develop their vocabulary and language. Students will improve their writing skills by planning and revising their work.

### ELA: Grades 3 and 4

In this course, students develop their reading comprehension skills through interactive read-aloud discussions. They will practice organizing their thoughts on paper through persuasive writing, creative writing, and explanatory writing.

### ELA: Grades 7 and 8

Students will become skilled writers by practicing argumentative essays, developing strong thesis statements, and using textual evidence to support their claims. This class sharpens both reading and writing skills, preparing students for academic success.

### Math: Pre-Kindergarten and Kindergarten

In this course, students will develop a strong sense of numbers, including learning strategies for addition and subtraction. They also learn how to recognize and describe shapes.

### Math: Grades 5 and 6

Students will practice and develop fluency in multi-digit multiplication and division. They will also learn how to add, subtract, multiply, and divide fractions.

### Math: Geometry (High School)

In this course, students will learn to apply geometric theorems to solve problems. They will review concepts such as similarity, geometric properties, equations, measurements, and dimensions. Students will develop reasoning skills and learn to use appropriate tools to solve problems strategically.

### Math: Pre-Calculus (High School)

This course will teach students how to investigate and evaluate limits, quotients, differentiation, and derivatives. They will review various calculus formulas, methods, and theorems through hands-on activities.

### Science: Pre-Kindergarten and Kindergarten

In this introductory science course, students will use hands-on materials to explore topics like nature, weather, and basic physical properties. Each class involves discussion and guided activities to nurture curiosity and understanding.

### Speech and Debate: High School

In this course, students will build essential public speaking and debate skills. They'll learn to craft compelling speeches, practice effective delivery, and tailor their messages for various audiences. Through individual and team activities, students will enhance their debating abilities, gain confidence, and set personal goals to master dynamic verbal expression.

### STEM: Grades 1 and 2

In this class, students will take part in a hands-on approach to explore different science topics including forces, ecosystems, weather, and space.

### STEM: Grades 5 and 6

This hands-on course will enable your students to explore the roles of scientists and engineers. Each week, students will spend the first half of the class learning about a scientific concept. During the second half, they will apply what they've learned by conducting an experiment or constructing a take-home project.



# Program Options

## 9:30 – 10:55 a.m.

### Arts

#### **Creative Kids: Grades K-2**

In this class, students will work with a variety of different fine art materials to create projects inspired by both historical and contemporary artists. During the first half of the class, they will learn about a specific art medium, artist, and technique. In the second half, they will apply these concepts to design and create their own artwork.

#### **Introduction to Cartooning: Grades 2-5**

Elementary school students learn the fundamentals of cartooning including character structure, inking, penciling, coloring, and storytelling. They use their skills to create their own key chains, cards, buttons, and comic strips.

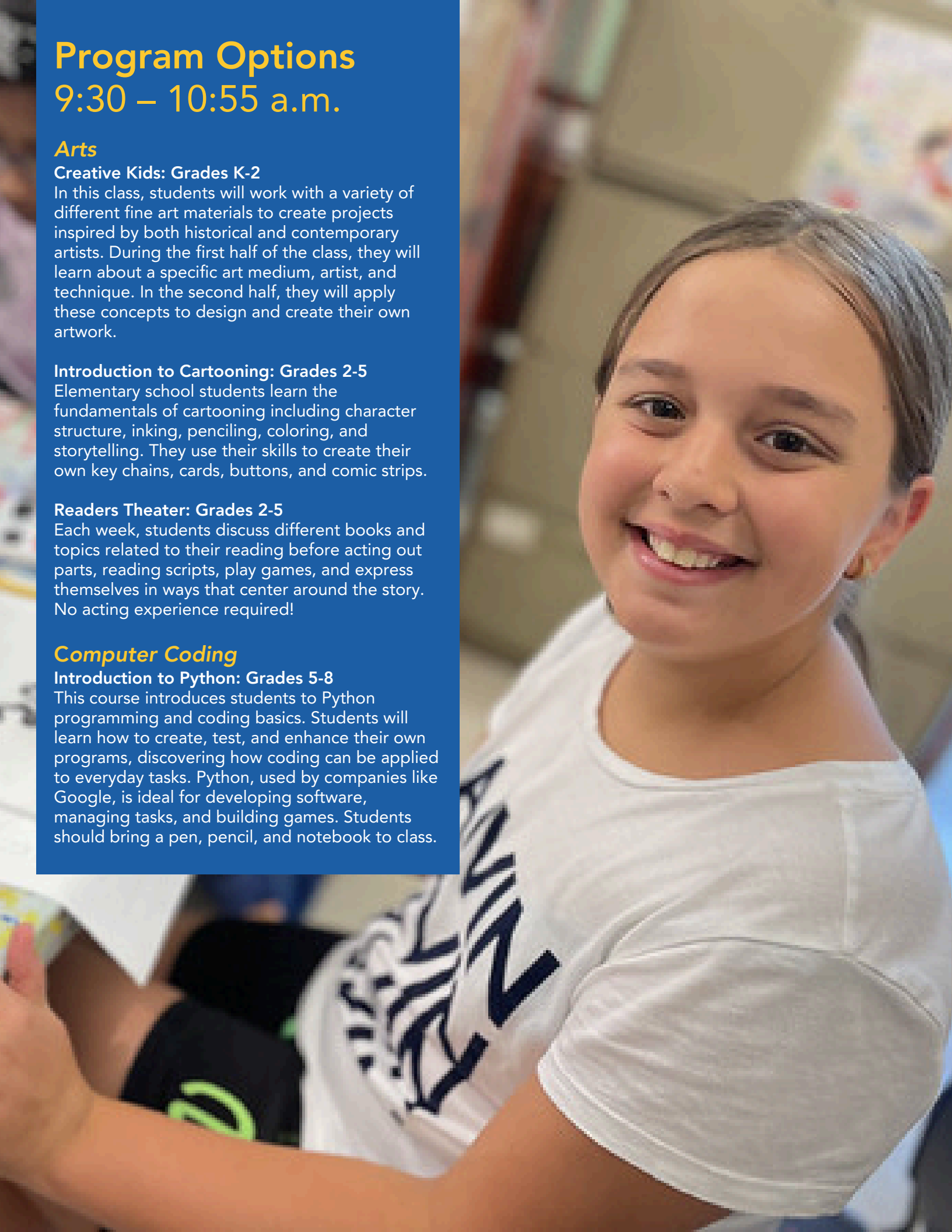
#### **Readers Theater: Grades 2-5**

Each week, students discuss different books and topics related to their reading before acting out parts, reading scripts, play games, and express themselves in ways that center around the story. No acting experience required!

### Computer Coding

#### **Introduction to Python: Grades 5-8**

This course introduces students to Python programming and coding basics. Students will learn how to create, test, and enhance their own programs, discovering how coding can be applied to everyday tasks. Python, used by companies like Google, is ideal for developing software, managing tasks, and building games. Students should bring a pen, pencil, and notebook to class.







# Game Builders Academy

## **Roblox Game Design: Grades 2-5**

9 a.m. – 10:55 a.m.

Using the same professional tools as top Roblox creators, students will learn the technical and creative skills to plan, design, and publish their own games on Roblox for friends and family to play. Whether it's Obbys, racing games, or open-world adventures, students can bring their ideas to life with Roblox Studio's 3D tools and LUA coding platform.

## **Motion Capture Animation: Grades 5-12**

11:05 a.m. - 1 p.m.

In this high-tech digital art course, students will create their own characters, graphics, effects, and animations using motion capture and augmented reality technology. With tools like Adobe Character Animator and Snap Lens AR Studio, they'll animate characters using their own movements and voices while blending themselves into their art with augmented reality. By the end, each student will have a digital collection of their creations.

## **Video Game Design 101: Grades 2-5**

11:05 a.m. - 1 p.m.

Using GameMaker software, students will create a fully functional video game with custom characters, controls, levels, sounds, and more. They'll develop both technical and artistic skills while boosting math, logic, and critical thinking. Best of all, students will gain confidence as they share their completed games with friends and family!

## **YouTube Video Production: Grades 5-12**

9 - 10:55 a.m.

In this course, students will go from YouTube viewers to creators, learning essential skills like video capture, editing, streaming, and audio production using tools like Adobe Premiere, OBS Studio, and Audacity. They'll explore popular genres such as gaming, music, and fashion, and each student will create a finished video ready to publish on YouTube!



# Program Options: 11:55 A.M. – 12:30 P.M.

## Academics

### ELA: Pre-Kindergarten and Kindergarten

In this class, students will improve their reading and writing skills through phonemic awareness, phonics, word analysis, fluency, vocabulary, writing, and comprehension. These skills will be developed using engaging texts and activities designed to capture their interest.

### ELA: Grades 5 and 6

Students will develop their reading skills through the use of literature and informational texts. They learn to convey meaning in their writing by using different vocabulary and descriptive language.

### ELA: Assessment Writing (High School)

In this class, students will learn the essential writing rules for various assessments, including Argumentative Essays, Regents Essays, and College Essays. They will receive personalized feedback from their teacher to help improve their writing based on their individual learning styles.

### Math: Calculus

Students review polynomials, exponents, trigonometric functions, and more in this class. They will develop their skills in mathematic operations, graphic, and expressions.

### Math: Grades 1 and 2

In this course, students expand their knowledge of base-10 notation, enhance their fluency with addition and subtraction, and develop strategies to analyze and classify two-dimensional shapes.

### Math: Grades 3 and 4

Students will develop an understanding of multiplication and division with base-10 and multi-digit numbers. They also begin reviewing and understanding fractions.

### Math: Grades 7 and 8

In this course, students will study fractions, decimals, percentages, word problems, and algebraic expressions. They will implement different strategies to solve the different types of problems.

### STEM: Pre-Kindergarten and Kindergarten

In this introductory class, students will use hands-on materials to explore different topics. During the first half of each class, students learn about a specific STEM concept. During the second half of the class, they apply these concepts to build, create, or conduct their own experiments or projects.

### STEM: Grades 3 and 4

The topics covered in this class vary each semester, providing students with engaging hands-on science experiences throughout the year. Suitable for all learning styles, each week students explore a new topic and complete a related project. The class features a range of experiments and interactive activities.

### STEM: Grades 7 and 8

In this course, students will begin their journey as future builders and creators by learning the fundamentals of engineering design. Each class will involve building a new project, emphasizing the importance of testing, evaluating, and iterating on their designs. Students will also develop their skills in collaboration, evaluation, design, creativity, and presentation through weekly projects.

### You're The Jury:

This course aims to develop students' critical thinking and logic skills as they determine a person's guilt or innocence in a trial. Students will analyze cases, discuss details as a group, and use visual aids (e.g., readings, videos) to support their verdicts with evidence.

## Did you know?

Each class is led by New York State certified teachers and/or professionals in their respective fields.

Academic classes are designed to align with New York State Standards and Curriculum for each grade level. Students will have the opportunity to develop and enhance the skills and concepts taught in school, and will be challenged to apply these concepts to advance their learning further.





# Program Options

## 11:05 a.m.-12:30 p.m.

### Arts

#### **Acting and Theater Games: Grades 2-5**

Each class, students explore new acting techniques and methods. They use games and activities to enhance their theatrical skills. No acting experience required!

#### **Art Enrichment: Grades 3-5**

In this class, students will use various fine art materials to explore self-identity and balance through art. They will create projects inspired by historical and contemporary artists. Each session includes learning about an art medium, style, and technique, followed by applying these concepts to their own artwork. The class concludes with an art critique and presentation.

#### **Intermediate Cartooning: Grades 5-12**

This course is the culmination of Beginner Cartooning. Here, students take their skills to the next level as they learn what it takes to become professional cartoonists. Students learn penciling, inking, and coloring to create comic strips, books, animation cells, and giant cartoon posters.

### Computer Coding

#### **Introduction to Python: Grades 9-12**

This course introduces students to Python programming and coding basics. Students will learn how to create, test, and enhance their own programs, discovering how coding can be applied to everyday tasks. Python, used by companies like Google, is ideal for developing software, managing tasks, and building games. Students should bring a pen, pencil, and notebook to class.



# Swim Program

## Beginner Swim

8:25-9:15 a.m. • 9:25-10:15 a.m. • 10:25-11:15 a.m.

This class is designed for children new to swimming. In small groups of 2 or 3, swimmers will learn to become comfortable in the water and develop basic aquatic skills, such as floating and locomotion. As they progress, they will be introduced to the fundamentals of beginner strokes. Children must be at least 4 years old by the start of the semester and a birth certificate is required.

Please note: Children will be placed in groups of 2-3 per instructor; one-on-one instruction is not provided.

## Advanced Beginner

8:25-9:15 a.m. • 9:25-10:15 a.m. • 10:25-11:15 a.m.

This course is for children who can swim 25 yards/meters (one lap) of each of the following: front crawl, back crawl, and elementary backstroke. In groups of 7 to 12, swimmers are taught the breaststroke and how to refine their other strokes. Swimmers work on their endurance and build on the skills they were taught in Advanced Beginner Swim.

## Intermediate

8:25-9:15 a.m. • 9:25-10:15 a.m. • 10:25-11:15 a.m.

This class is for children who can swim 5 yards on their stomach and 5 yards on their back without assistance. In groups of 4 to 7, swimmers are taught correct breathing as well as proper stroke and kick techniques. Swimmers are taught the front crawl, back crawl and the elementary backstroke. They begin to work on their endurance and build on the skills that were taught in Beginner Swim.

## Junior Swim Club

9:25-11:15 a.m.

This course provides swim practice and instruction for students who aspire to be competitive swimmers. An experienced swim coach paces the youngsters as though they are on a swim team. Each session includes practice and instruction in all strokes, coupled with lap swimming, the racing dive and competitive turns for each stroke. Prerequisite: Students should be able to maintain basic strokes for at least 2 laps or 50 yards.

*Limited enrollment; register early!*





# Hofstra University Youth Academy Policies and Procedures

## **Absences**

There are no make-up classes. If your child is absent, the material missed will be given to him or her the following week.

## **Course Selections**

Students choose one class during each time slot. The appropriate grade levels for each course precede the course title. We strongly encourage you to register for age-appropriate classes only.

## **Course Changes**

If there are any course selections that you wish to change, please call 516-463-7400. We will do our best to accommodate your request.

## **Drop-off and Pickup**

All students should be dropped off at least a few minutes prior to the start of their first class and picked up promptly at the end of their final class. Students must be dropped off and picked up at the door of the classroom. Students are not allowed to leave the classroom without a parent/guardian. If you need to pick your child up early, please advise the instructor beforehand.

## **First Day of Class**

On the first day of class, please arrive at your child's first classroom at 9:15 a.m. If you are unaware of the location of your child's first class, please ask a staff member to assist you, or call 516-463-7400 prior to the beginning of the semester.

For more information, visit [ce.hofstra.edu/youth](http://ce.hofstra.edu/youth), call 516-463-7400, or email us at [ce-youth@hofstra.edu](mailto:ce-youth@hofstra.edu).





HOFSTRA UNIVERSITY  
YOUTH ACADEMY



# BUILD THEIR CONFIDENCE

**CALL** 516-463-7400

**EMAIL** [ce-youth@hofstra.edu](mailto:ce-youth@hofstra.edu)

**WEBSITE** [ce.hofstra.edu/youth](https://ce.hofstra.edu/youth)

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## **Nondiscrimination Policy**

Hofstra University is committed to extending equal opportunity to all qualified individuals without regard to race, color, religion, sex, sexual orientation, gender identity or expression, age, national or ethnic origin, physical or mental disability, marital or veteran status (characteristics collectively referred to as "Protected Characteristic") in employment and in the conduct and operation of Hofstra University's educational programs and activities, including admissions, scholarship and loan programs, and athletic and other school-administered programs. This statement of nondiscrimination is in compliance with Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act Amendments Act, the Age Discrimination Act, and other applicable federal, state, and local laws and regulations relating to nondiscrimination ("Equal Opportunity Laws"). The Equal Rights and Opportunity Officer is the University's official responsible for coordinating its overall adherence to Equal Opportunity Laws. Questions or concerns regarding any of these laws, other aspects of Hofstra's Nondiscrimination Policy, or regarding Title IX as it relates to reports against employees or other nonstudents, should be directed to the Equal Rights and Opportunity Officer, who also serves as the Title IX Coordinator for Employee Matters, at [HumanResources@hofstra.edu](mailto:HumanResources@hofstra.edu), 516-463-6859, 205 Hofstra University, Hempstead, NY 11549. Student-related questions or concerns regarding Title IX should be directed to the Title IX Coordinator for Student Issues at [StudentTitleIX@hofstra.edu](mailto:StudentTitleIX@hofstra.edu), 516-463-5841, 127 Wellness & Campus Living Center, Hempstead, NY 11549. For additional contacts and related policies and resources, see [hofstra.edu/eoe](https://hofstra.edu/eoe).

## **Campus Crime Reporting and Fire Safety Statistics**

In compliance with the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act and other federal law, detailed information on campus security and fire safety, including statistics, is available by accessing the Hofstra website at [hofstra.edu/campusafetyreport](https://hofstra.edu/campusafetyreport) or by contacting the Advisory Committee on Campus Safety. Crime statistics are also available at the U.S. Department of Education website at [ope.ed.gov/security](https://ope.ed.gov/security). The Advisory Committee on Campus Safety will provide upon request all campus crime and fire safety statistics as reported to the U.S. Department of Education. For additional information or a paper copy of the report, please call the Department of Public Safety at 516-463-6606.

## **Hofstra University Harassment Policy**

Hofstra's prohibition against discrimination is also addressed in Hofstra's Harassment Policy. The Harassment Policy prohibits harassment – including sexual harassment and sexual violence – based on race, color, religion, sex, sexual orientation, gender identity or expression, age, national or ethnic origin, physical or mental disability, marital or veteran status. Hofstra University is committed to professional and interpersonal respect ensuring that no individuals are subjected to harassment or discriminated against in any way on the basis of any of these protected characteristics. Harassment based on any of these protected characteristics is a form of discrimination prohibited by law and by Hofstra University's Harassment Policy. The Harassment Policy, which is available online at the link referenced below, contains complaint procedures for resolving complaints of harassment in violation of Hofstra's Harassment Policy. Harassment policy link: [hofstra.edu/harassment](https://hofstra.edu/harassment)