


# MATER ACADEMY

## Cutler Bay

## 2024-2025


# SCHOOL PROFILE

 Mrs. Cruz  
Principal  
bcruz@materacademybay.com

 Mrs. Benavente  
Assistant Principal, Middle/Upper  
abenavente@materacademybay.com

 Mrs. Carrion-Gorri  
Assistant Principal; Lower School  
jcarrion@materacademybay.com

### MATER BAY ADMINISTRATION

 Mr. Pulido  
Assistant Principal, Middle/Upper  
cpulido@materacademybay.com

 Mr. Lora  
Assistant Principal, Middle/Upper  
glora@materacademybay.com

### MISSION

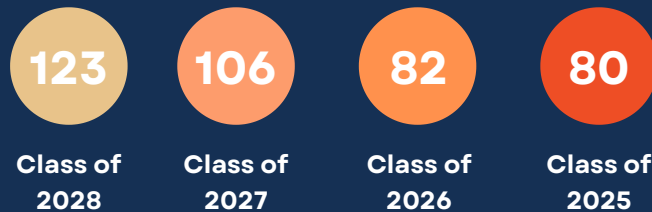
The mission of Mater Academy Bay is to deliver a rigorous and innovative academic program-producing students who have the knowledge and skills to be self-directed, lifelong learners, which integrate technology and a wide range of educational resources within a safe learning environment. Students are expected to perform at or above grade level availing success in education.

### VISION

Our vision is to provide a structured, creative environment that enables students to ask questions, solve problems, and take risks as they gain the knowledge and skills necessary to be successful members of a global society. Mater Academy Bay is a collaborative teaching and learning environment, which encourages students to develop meaningful interactions within the curriculum.

### ABOUT US

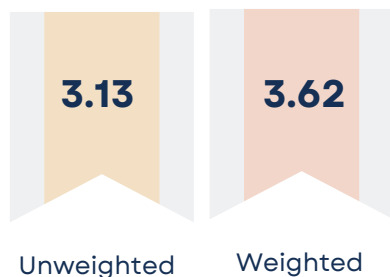
Mater Academy Bay is a tuition-free public school serving grades K-12, It is divided into a Lower School (K-5), Middle School (6-8), and Upper School (9-12). Mater Academy Bay is currently growing! For the 2024-2025 school year, there are 123 freshmen, 106 sophomores, 82 Juniors, and the graduating class of Seniors with 80 students, totaling 391 students.



### GRADUATION REQUIREMENTS

English	4 Credits
Mathematics	4 Credits
Science	4 Credits
Social Science	4 Credits
Foreign Language	2 Credits
Personal Fitness	1 Credit
Fine/Performing Arts	1 Credit
Dual Enrollment	1 Credit
Additional Electives	11 Credits

### RAYS' AVERAGE GPA



### GRADING SCALE

GRADES	SCALE	STANDARD	HONORS	AP/DE
A	100-90	4.0	5.0	6.0
B	89-80	3.0	4.0	5.0
C	79-70	2.0	3.0	3.0
D	69-60	1.0	1.0	1.0
F	59-50	0.0	0.0	0.0

### ACADEMIC CALENDAR

The Mater Bay school year is comprised of two semesters; each semester is divided into two quarters. Classes are taught on a modified block schedule, with eight classes meeting every other day.

### CLASS RANK

Given the students' academic strength and rigorous college preparatory curriculum at Mater Bay, the only ranking designations denote the valedictorian and salutatorian.

### STUDENT POPULATION

Our high school population is predominantly comprised of 87% Hispanic Students, with the rest of our school being 7% White and 6% Black. 62% of our High School students qualify for free or reduced lunch.

## ADVANCED COURSE OFFERINGS

Students will graduate with a maximum of 32 high school credits. Mater Bay offers 24 Honors courses and 10 AP Courses. AP Courses can only be taken with teacher recommendation. Additionally, Mater Bay is in partnership with Doral College and Miami Dade College for Dual Enrollment courses and students have access to 36 college-level courses to choose from. Students must meet College's requirements (GPA and test scores) in order to enroll. DE Courses must be taken after school in addition to their high school courses.



## ADVANCED PLACEMENT COURSES

- AP Biology
- AP Pre-Calculus
- AP Calculus AB
- AP Capstone Seminar
- AP Capstone Research
- AP English Language & Composition
- AP English Literature
- AP Human Geography
- AP Spanish Language & Culture
- AP U.S. History



## ATHLETICS

- Baseball
- Basketball (Girls/Boys)
- Beach Volleyball (Girls/Boys)
- Cheerleading
- Cross Country
- Flag Football (Girls/Boys)
- Golf
- Softball
- Soccer (Girls/Boys)
- Tennis
- Track & Field
- Volleyball (Girls/Boys)

## DUAL ENROLLMENT COURSES

- ACG2021
- AMH2010
- AMH2020
- ANT2000
- BSC1005C
- BSC2010C
- BSC2011C
- BUL2241
- CGS1060
- CHM1020C
- CHM1045C
- DEP2004
- ECO2013
- EDF2005
- EDF2085
- ENC1101
- ENC1102
- EUH1000
- GEB2011
- HUM1020
- MAC1105
- MAC1114
- MAC2311
- MAR2011
- MGF1106
- MMC1000
- MUL1010
- MUL2380
- OCE1001
- PHI2010
- POS1041
- PSY2012
- STA2023
- SLS1101
- SPC1608
- SYG1000

## MATER BAY ACADEMIES



PLTW biomedical sciences courses provide a broad foundation in science and health care, and include specialized knowledge in areas of molecular biology, genetics, biochemistry, microbiology, physiology, anatomy, and public health. Students increase their awareness of the ethical, legal and social issues surrounding medical technological advances. Coursework is rigorous with an emphasis on scientific principles and medical research. Courses include Principles of Biomedical Sciences, Human Body Systems, Medical Interventions, Biomedical Innovation.



Our college prep business program is tailored to help and guide students through the business world. The program will have students build their confidence and learn about their strengths through teamwork. It will enhance communications and oral presentation skills. Students will explore a variety of business subjects through curriculum, learn how to write a business plan, use marketing and finances and networking. Courses include Business Principles 1, Business Principles 2, Accounting and Finance, and Entrepreneurship/Community Partnership.



The Environmental Science Academy is designed to develop competencies in the areas of the environmental sciences, developing knowledge of the interdependence between people and nature that is vital for food production, maintaining clean air and water, and sustaining biodiversity in a changing climate. Applying their knowledge through hands-on activities and simulations, students research and design potential solutions to these true-to-life challenges. Courses include Ecology Concepts, Florida Ecological System & Habitats, Environmental Sustainability & Conservative Actions, and Capstone Project.



The Pre-Law Academy challenges high school students who have an interest in the law and encourages students to consider the legal field as a potential profession. The program exposes students to unique and challenging courses not usually offered in high school. In addition, the Pre-Law Academy emphasizes writing and communication skills which are important for all students, but essential to those interested in the practice of law. Courses include Comprehensive Law, Court Procedures/Legal Systems & Concepts, Constitutional Law, and Law Studies/International Law.

## ACTIVITIES

- Athletic Honor Society
- Art Club
- Class Committees
- Dance Team
- English Honor Society
- FBLA
- HOSA
- Key Club
- Jazz Band
- Literary Magazine
- Mater Bay News Network
- Mock Trial Team
- Mu Alpha Theta
- National Honor Society
- Science Honor Society
- Spanish Honor Society
- Student Government
- Thespians

## CONTACT INFO



22025 SW 87th Avenue  
Miami, FL 33190



(305)969-5989

## CEEB CODE

102525

## FACTS & FIGURES

- 100% Graduation Rate
- 97% Matriculate to 2/4 year secondary institutions
- 18% have graduated with an Associates Degree
- Student-teacher ratio is 25:1
- 45 teachers for the Middle/Upper School with 67% having obtained Advanced Degrees
- 160 Varsity Student-ATHletes
- Approximately 32,000 volunteer hours completed
- 4 Project Lead the Way (PLTW) Courses Offered with 73% Passing BACE Certification
- Since 2023, 39 AP Scholars, 15 AP Scholars with Honors, 8 AP Scholars with Distinction, and 8 Capstone Diploma Recipients



## RAYS GRADUATE PROGRAM MATER BAY ACADEMY

This program is designed for a select group of high school students who demonstrate exceptional academic performance and meet specific criteria for enrolling in Advanced Placement (AP) and college-level courses during their high school years.

Starting as early as the 9th grade, this program offers students the opportunity to:

- Earn college credits
- Engage with challenging advanced coursework
- Gain a competitive advantage in their future academic endeavors
- Graduate with an Associate's Degree before completing high school.

Tracks are developed based on a combination of AP and Dual Enrollment (DE) courses tailored for each high school grade level. By fulfilling the academic and extracurricular standards established by Mater Bay, these scholars also qualify for a dedicated research period, allowing them to undertake rigorous collegiate-level work.

## ALUMNI FEVER

Since our Inaugural Class of 2023, we have had 99 members join our Alumni Fever family. Alumni often return to speak to underclassmen or assist in providing campus tours across the state.

## COLLEGE ACCEPTANCES

Arizona State University  
Auburn University  
Barry University  
Boston University  
Clemson University  
Coastal Carolina University  
College of Charleston  
Colorado State University  
Embry-Riddle Aeronautical University  
Florida Atlantic University  
Florida Gulf Coast University  
Florida Institute of Technology  
Florida International University  
Florida State University  
Hawai'i Pacific University  
High Point University  
Hofstra University  
Illinois Institute of Technology  
Iowa State University  
Keiser University  
Louisiana State University  
Lynn University

Miami Dade Honors College  
Michigan State University  
Missouri University of Science & Tech  
North Carolina State University  
Nova Southeastern University  
Palm Beach Atlantic University  
Pennsylvania State University  
St. Thomas University  
Stockton University  
SUNY College at Albany  
University of Central Florida  
University of Colorado Boulder  
University of Florida  
University of Georgia  
University of Massachusetts Lowell  
University of Miami  
University of Michigan  
University of North Florida  
University of Oklahoma  
University of South Florida  
University of Tampa  
University of West Florida