

Miami-Dade County Public Schools

SCHOOL CHOICE & PARENTAL OPTIONS

MARITIME AND SCIENCE TECHNOLOGY

Magnet Program Fact Sheet

MAST Academy
3979 Rickenbacker Causeway
Miami, FL 33149
(305) 365-6278

Grade Levels Served: 9-12
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PROGRAM DESCRIPTION



Located on Biscayne Bay, MAST Academy has 550 students in grades 9-12. The school includes a pool, boathouse and docks, fitness center, high-tech auditorium, and a media center with over 19,000 print and non-print items. Five large atrium areas are used for student and teacher projects and professional displays. Science classrooms contain the latest laboratory equipment and technology is available in classrooms and labs throughout the building. The Florida Department of Education has designated MAST Academy an "A" school for the past nine consecutive years.

MAST Academy offers students the opportunity to pursue a rigorous course of study in one of three academic majors: Marine Studies and

Culture, Maritime Related Industries, or Oceanic and Atmospheric Science Technology. Students determine an area of interest and declare a major at the end of their freshman year. They select their courses from a menu of core and required electives. A balanced academic program emphasizes marine-theme interdisciplinary study, reading and writing across the curriculum, scientific inquiry, science and maritime career experiences, hands-on applications, critical thinking and cooperative learning projects, and technology integration. The academic program prepares a diverse student population for college study and career placement.

The school offers six teams and clubs and a variety of student activities. Clubs are divided into six categories: government, class organization, honor society, vocational/curriculum related, service, and interest. Approximately 85% of MAST's students participate in extracurricular activities.

MAST Academy's unique features include field research opportunities aboard seagoing vessels, the nation's only Coast Guard JROTC program, mobile science laboratories, a college-like master schedule, quarterly academic symposia, Intel projects and independent research opportunities, a summer academic program, a requirement of 75 community service hours (with 50 hours on a single project), weekly Captain's Calls, and outreach services for elementary and middle school students.

The application cycle for magnet programs is October 1 through January 15th.