THE SCHOOL AND COMMUNITY IN BRIEF

Founded in 1903, Ransom Everglades is an independent, coeducational, college preparatory day school enrolling 1,121 students in grades 6-12. Located in Coconut Grove, an historic enclave in Miami and nested along the shores of the Biscayne Bay, RE offers its students extraordinary opportunities to learn, serve, explore and excel. A vibrant and diverse community with 56 percent of students identifying as multicultural, RE draws from its location and its tradition of academic excellence to attract some of the most talented young men and women in the greater Miami area. In a community environment that values diversity and inclusion, RE promotes leadership, resilience and service to others.

ACADEMICS

RE implements an innovative curriculum, one that empowers students to own their own learning, exposes them to a wide range of perspectives and integrates technology – all while preserving traditions of student-centered, discussion-based learning. At the heart of the RE academic experience are the distinguished members of the faculty, who share the highest standards of classroom teaching and, in many cases, hold advanced degrees in their fields.

- Admission to advanced classes (AP and beyond) is with approval of the faculty and is based on student performance and department chair recommendation.
- Highest-level courses by subject area:
  - English: AP English Literature
  - Math: Linear Algebra, AP Calculus BC
  - World Languages: AP Chinese Language, AP Spanish Literature, Cultures and Identities of Latin America, AP French Language
  - Science: All AP sciences
  - Computer Science: Algorithms and Data Structures
  - History/Social Sciences: All AP history/social sciences courses
- Spanish Proficiency: Ransom Everglades’ language program requires that all students study Spanish language until they demonstrate proficiency. Some students continue their study of Spanish while others shift to the study of French, Chinese or Portuguese. All students graduate with proficiency in Spanish, and many with proficiency in an additional world language as well.

SIGNATURE PROGRAMS

Dan Leslie Bowden Fellowships in the Humanities

Juniors submit detailed applications for support for summer research projects in the humanities. Bowden Fellows are held to the highest standards of student research and creativity, and are required to present their work to the community during their senior year. Projects of the Class of 2022 fellows included studies of Bahamian architecture and culture in Coconut Grove; a model urban recycling and community-building program in Brazil; and the plight of theater industry professionals during the pandemic.

The Ransom Everglades Seal of Biliteracy

The Ransom Everglades Seal of Biliteracy recognizes outstanding achievement in the study of Spanish, French, Portuguese and/or Chinese. Students earn the Seal by demonstrating excellence in their English and world language courses, and their results on external standardized tests, including AP exams or language proficiency tests. Currently 37 members of the Class of 2022 have earned the RE Seal of Biliteracy.

Independent Study

Students may apply to pursue independent study for RE course credit with a faculty member. Independent Study offers students the opportunity to pursue an advanced course of inquiry beyond the regular curriculum, such as interdisciplinary investigation, a practicum in the arts, or an original research project. Recent independent study projects include "Learning Sign Language with History and Theory," "A Research Paper on the Middle East Peace Process," “Survey of Organic Chemistry” and “Machine Learning and Artificial Intelligence.”
Summer Learning Through Internships and Mentoring
Facilitated by RE, students engage in real-world learning experiences at museums, research labs, engineering firms, local universities and web design companies in the summer. They present their learning outcomes at our annual Student Internship Forum poster sessions, open to audiences of students, parents and alumni. In recent years, students have interned with artificial-intelligence and data-science companies, engineering firms, university laboratories, web-design companies, service-oriented non-profits and technology start-ups.

Global Online Academy
With permission and faculty guidance, students may select courses with Global Online Academy, a virtual space to learn, create and collaborate. In GOA, recent RE students have taken Multivariable Calculus, Medical Problem Solving, Music Theory and Composition, Filmmaking, Genocide and Human Rights and other courses not offered Ransom Everglades.

CLASS OF 2022 GRADUATION REQUIREMENTS/CURRICULUM OPTIONS

**English (4 credits; 1 each year)**
- Grade 9  World Literature
- Grade 10  American Literature
- Grade 11  British Literature
- Grade 12  English Electives (1/2 credit each) and/or AP English Literature

**History and Social Sciences (3 credits)**
- Grade 9  World Civilizations
- Grade 10  US History or AP US History

**Distinctive Course: Global Studies and Entrepreneurship**
The interdisciplinary Global Studies and Entrepreneurship course prepares global leaders through the completion of a social entrepreneurship research project worthy of publication. Students study history and theory of globalization and its problems in the contemporary world. In their research, students seek innovative solutions to social problems through business plans, plays, newsletters, art exhibitions, documentary, fiction or other expressions of activism.

**Mathematics/Computer Science (3 credits)**
- Grade 9  Algebra 1, Algebra 2, Geometry, Geometry Honors, Programming Principles (1/2 credit), Foundations of Java (1/2 credit)
- Grade 10  Geometry, Geometry Honors, Pre-Calculus, Pre-Calculus Honors, Programming Principles (1/2 credit), Foundations of Java (1/2 credit), AP Computer Science
- Grade 11  Algebra 2, Pre-Calculus, Analytic Pre-Calculus, AP Statistics, Calculus, AP Calculus 1, AP Calculus 2, AP Computer Science Principles, AP Computer Science A, Algorithms and Data Structures, Applied Data Science

**Distinctive Course: Linear Algebra**
Linear Algebra, for students who have proven their ability and interest in mathematics beyond calculus, has more of a seminar feel than a traditional math course. In this problem-based course, students learn to analyze and present technical material and engage in high-level mathematical discussions.
Science (3 credits - lab science)
Grade 9  Biology
Grade 10  Chemistry or  Chemistry Honors
Grade 11 & 12  Anatomy and Physiology, Physics, Engineering 1, Engineering 2, Marine Biology, AP Biology, AP Chemistry, AP Environmental Science, AP Physics 1, AP Physics 2, AP Physics C

Distinctive Course: Marine Field Research
Marine Field Research is a college-level, signature interdisciplinary, hands-on research course that combines the physical waterfront location of Ransom Everglades and the marine research expertise of the science faculty. Through unique field research experiences, students immerse themselves in the natural environment of our campus, Biscayne Bay, nearby coral reefs, and South Florida by becoming SCUBA certified (or earning advanced levels of certification). Students plan and conduct fieldwork, collect and analyze data, publish results in a peer-reviewed scientific journal, and present their research.

World Languages (3 credits of consecutive coursework in the same language)

Distinctive Course: Cultures and Identities of Latin America
Prerequisite: Advanced Placement Spanish Language and Culture. This course, conducted entirely in Spanish, provides students with an understanding of the history, literature, and culture of the multifaceted region of Latin America. This course covers pre-Columbian civilizations, the conquest, three centuries of colonialism, independence, and modern Latin America. Students analyze key topics, themes and historical processes in the construction of Latin America. They explore nation building and identity-formation processes by thinking critically about cultural scenarios. This course exposes students to music, literary texts, film, arts, theater and pop culture through considerations of gender, class and race.

OTHER REQUIREMENTS AND ELECTIVES

Physical Education: 1 credit in grade 9 & 2 units in grades 10-12
Team Sports, Personal Fitness (1 unit), Strength and Conditioning (1 unit), Advanced Bay Studies (1 unit), Advanced Techniques in Fitness & Personal Training, Varsity Season (1 unit), JV Season (1 unit)

Arts: 1 credit
Acting Studio 1 & 2, Theater Workshop, Senior Directing Workshop, Musical Theater, Stage Production and Design, Jazz Band, RE Combo, Symphonic Band, Guitar 1 & 2, String Ensemble, Advanced Chamber Orchestra, Technical Theatre 1 & 2, AP Music Theory, Studio Art (levels 1-4), Photography 1, Experimental Photography, Natural Light Photography, Portraiture Photography, Ceramics (levels 1-3), Film Studies, Architectural Design (levels 1-4), Yearbook

Speech and Debate: Introduction to Speech and Debate, Advanced Speech and Debate