

MADEIRA

SCHOOL PROFILE 2012-2013

Founded in 1906, The Madeira School is an independent, college preparatory boarding and day school for girls grade 9 – 12. Located in McLean, Virginia, 12 miles from the center of Washington, DC, on a 376-acre wooded campus, the school has 306 students from 18 states plus the District of Columbia and 14 countries.

Students of color comprise 32% of our population and international students make up an additional 16% of Madeira's student body.

MISSION

Launching women who change the world

VISION

Leading innovation in girls' education

FACULTY

37 full and part-time teachers (32 women and 5 men)

32 with masters' degrees or higher

35 units of housing for faculty/staff

ACADEMIC CURRICULUM

The academic curriculum emphasizes both content and skills in the context of a liberal arts education. Nineteen credits are required for graduation including four credits in English, three credits in mathematics, completion of third level language, two credits in laboratory sciences, two credits in history, and one credit in the arts. All courses are major, meeting four times a week. Two semesters total 33 weeks. Class periods are 45-65 minutes. The average class size is 12.

Advanced placement (AP)

During the 2012 Academic Year, 127 students took 252 AP examinations in Art History (12), Biology (14), Calculus AB (20), Calculus BC (21), Chemistry (13), Chinese Language (6), Comparative Government and Politics (10), English Lang (28), English Lit (23), French Lang (10), Human Geography (11), Latin: Vergil (6), Microeconomics

(2), Music Theory (2), Psychology (1), Physics B (11), Spanish Lang (3), Statistics (13), US History (24), US Government and Politics (10), World History (12).

A score of 3 or better was earned on 88% of examinations taken. Scores of 4 and 5 were earned on 71% of the examinations taken.

CLASS OF 2012 TESTING PROFILE

Data are taken from the 2011-2012 College Board ATP Summary Report.

SAT

	Mean Score	Middle 50% Range
Critical Reading	649	590-700
Math	639	590-700
Writing	657	600-720

SAT II

	Number Taken	Mean Score
Biology Ecology	2	680
Biology Molecular	1	800
Chemistry	6	677
Chinese with Listening	2	640
English Literature	39	652
French	6	630
French w/Listening	2	650
Latin	1	560
Math Level I	16	593
Math Level II	38	666
Physics	5	608
Spanish	4	590
Spanish w/Listening	1	480
US History	37	643
World History	3	597

National Achievement Outstanding Participants 3

National Merit Commendations 9

Class of 2012 Highest GPA after 6 Semesters 95.31

Courses Offered

ENGLISH COURSES

International Student English Year One
International Student English Year Two
English Fundamentals
English I
English II
English III
English IV
AP English IV

WORLD LANGUAGES

Chinese I
Chinese II
Chinese III
Chinese IV
AP Chinese Language and Culture
Classic Mythology: Etymology
French I
French II
French III
French III Advanced
French IV: Culture and Language through Media
AP French Language
Latin I
Latin II
Latin III
Latin IV
AP Latin
Advanced Latin: Caesar
Spanish I
Spanish II
Spanish III
Spanish III Advanced
Spanish IV
AP Spanish Language

HISTORY

Comparative Religious Ethics
Economics
Genocide in the Modern Age
Global Civilizations
Modern America
Modern World History
Women in America
U.S. History
AP European History
AP Human Geography
AP U.S. Government and Politics
AP U.S. History
AP World History

SCIENCE

Biology
Chemistry
Applied Chemistry
Physics with Geometry
Physics with Trigonometry
AP Biology
AP Chemistry
Advanced Physics
AP Physics
Biotechnology and Bioethics
Introduction to Computer Programming
Topics in STEM (Science, Tech., Engineering, and Math)
Environmental Science
Forensic Science
iPad App Development

MATHEMATICS

Algebra I
Geometry
Advanced Geometry
Algebra II

Functions/Trigonometry
Algebra II/Trigonometry
Precalculus
Statistics
AP Statistics
Calculus
AP Calculus AB
AP Calculus BC
Multivariable Calculus and Linear Algebra

FINE ARTS

Fundamentals of Design
Ceramic Studio
Graphic Design I
Graphic Design II
Studio Art II
Studio Art III
AP Studio Art
AP Art History
Photography I: Digital Imaging and Printing
Photography II: Black and White Photography and Working in the Darkroom
Photography III: Experimental Image Making
Photography III: Advanced
Yearbook I
Yearbook II
Yearbook III
Introduction to Performing Arts
Intermediate Acting
Advanced Acting
Advanced Theater Production
Film Production
Advanced Film Production
Madeira Glee
Chamber Orchestra

Colleges and Universities Class of 2012

Italics indicate schools where students were accepted, but did not enroll.

The University of Alabama, American University, The University of Arizona, Auburn University, Babson College, Bard College, Barnard College, Boston College, Boston University, Bucknell University, UCLA, UC-San Diego, Carnegie Mellon University, Case Western Reserve University, The Catholic University of America, College of Charleston, Christopher Newport University, Clark University, Clemson University, Coastal Carolina University, Colby College, Colgate University, University of Colorado at Boulder, Colorado College, Columbia University, Connecticut College, University of Connecticut, Cornell University, Dalhousie University, Dartmouth College, University of Delaware, Denison University, DePaul University, Dickinson College, Drew University, Drexel University, Duke University, University of Edinburgh, Elon University, Emerson College, Emory & Henry College, Emory University, Fordham University, Franklin and Marshall College, George Mason University, The George Washington University, Georgetown University, Goucher College, Grove City College, Hamilton College-NY, Hendrix College, High Point University, Hobart and William Smith Colleges, Hollins University, Howard University, University of Illinois at Urbana-Champaign, Indian University at Bloomington, James Madison University,

Johns Hopkins University, Juniata College, University of Kansas, University of Kentucky, Kenyon College, Lafayette College, Lehigh University, Lewis & Clark College, Loyola University Maryland, University of Maryland-College Park, University of Mary Washington, McDaniel College, McGill University, Colorado Mesa University, Miami University, University of Miami, Middlebury College, University of Mississippi, Moravian College, Mount St. Mary's University, Muhlenberg College, University of New Hampshire, The College of New Jersey, New York University, The University of North Carolina at Chapel Hill, North Carolina Central University, Northeastern University, Northwestern University, Occidental College, The Ohio State University, Ohio Wesleyan University, Old Dominion University, Pennsylvania State University, University of Pennsylvania, University of Pittsburgh, Princeton University, Radford University, University of Redlands, Reed College, Rensselaer Polytechnic Institute, Rhodes College, University of Richmond, Roanoke College, Rochester Institute of Technology, University of Rochester, Rutgers, The State University of New Jersey, Saint Francis University, Sarah Lawrence College, Savannah College of Art and Design, Sewanee: University of the South, Shippensburg University of Pennsylvania, Skidmore College, University of Southern California, University of St. Andrew's, St. Lawrence University, St. Mary's College of Maryland, Stanford University, Sweet Briar College, Syracuse University, University of Tennessee-Knoxville, Texas A & M University, Texas Christian University, Trinity University, Tufts University, Tulane University, Union College, Vanderbilt University, University of Vermont, Villanova University, Virginia Commonwealth University, Virginia Polytechnic Institute, Virginia Wesleyan College, University of Virginia, Wake Forest University, Washington College, Washington University in St. Louis, University of Washington-Tacoma, Wellesley College, Wells College, Wesleyan University, West Chester University of Pennsylvania, Wheaton College-IL, Wheaton College-MA, College of William and Mary, York College of Pennsylvania.

Co-Curriculum Program 2012-2013

Madeira's Co-Curriculum Program, winner of the prestigious National Association of Independent Schools (NAIS) 2003 Leading Edge Award, is now more than 40 years old. This comprehensive service-learning program stands alone in secondary education, providing opportunities for volunteerism and internships similar to those offered at colleges and universities. The objectives of the Co-Curriculum Program are threefold: to provide internship opportunities in government, health care, education and the private sector, taking advantage of Madeira's proximity to Washington, D.C.; to foster in girls an appreciation of and exposure to volunteerism; and to allow a Madeira girl to pursue her unique interests and passions, while being aware of the needs of both the local and global communities.

FRESHMAN CO-CURRICULUM

Designed with identity development in mind, the ninth grade program focuses on study skills, Leadership, Diversity Awareness classes and life management skills (to include health and wellness, public speaking and financial literacy). In the autumn, ninth graders will take classes in Study Skills and Creating Community, all taught by Madeira teachers. The girls will also participate in an Outdoor Adventure Program, called Inner Quest. Along with their instructors, girls will explore leadership skills, develop environmental awareness, and learn group cooperation through activities in rock climbing, rappelling, canoeing, horseback riding, and kayaking.

During the winter months, the girls will participate in activities and field trips that take advantage of the wealth of educational and cultural opportunities in the Washington D.C. Metropolitan area. The outings are chaperoned by academic departments.

In the spring trimester, ninth graders will have a new rotation of classes in Public Speaking, Health and Wellness, and Technology.

SOPHOMORE CO-CURRICULUM

Service is the overarching theme for the year. Sophomore placements are at community service organizations, such as, food banks, day care centers, environmental centers and centers for mentally and physically challenged children. Girls work in groups of three to fourteen. Their experiences make them aware of the needs of the community, and help them to know the value of volunteerism, while building their self-confidence and increasing their sense of responsibility.

JUNIOR CO-CURRICULUM

Citizenship parallels the in-class work of the juniors. Early in the year, juniors are ready to begin work as congressional interns in the offices of U.S. Senators and Representatives. The goal of the junior year program is to expose students to “how government works.” Interns perform routine administrative tasks, give tours, attend hearings, and meet senior staff and members of Congress. They take pride in the fact that they contribute to the running of Congressional offices.

Juniors are expected to write monthly blog posts reflecting on their experiences in their Congressional office. The History Department faculty, along with other Advisors reads these journals and provides comments to the students. Advisors of Madeira juniors visit their advisees at their Capitol Hill placements throughout the year.

Among long standing sponsors of Madeira’s Capitol Hill interns are Senator Olympia Snowe (R-ME), Senator Richard Lugar (R-IN), Representative Ileana Ros-Lehtinen (R-FL), Representative Barney Frank (D-MA), Senator John McCain (R-AZ), Senator Patty Murray (D-WA), Representative Tom Davis (R-VA), Senator Orrin Hatch (R-UT), Senator Dianne Feinstein (D-CA), and Representative John Lewis (D-GA).

SENIOR CO-CURRICULUM

The Co-Curriculum placement in the senior year is one which the girl has selected, in consultation with the Co-Curriculum Office, and should match her interests and passions in any of these areas: Arts, Business/ Communications, Human Services, Journalism/Broadcasting, Veterinary Science, Design, Education, Law, Health/Medicine, Politics/Advocacy, and Science/Technology. Placements have included The National Institutes of Health, United States Geological Survey, Georgetown University Hospital, Fox News, National Zoo, Folger Shakespeare Theatre, McLean Animal Hospital, Corcoran Gallery of Art and the Torpedo Factory.

In the Spring, each senior is asked to present an overview of their year to the juniors at an event called the “Senior Press Conference”. At this event, the junior girls have the opportunity to hear from each senior and ask questions about each of their placements.

HEAD OF SCHOOL

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CEEB/ACT CODE NUMBERS

470985

ACCREDITED

Virginia Association of Independent Schools (VAIS)

MEMBERSHIPS:

Association of College Counselors at Independent Schools (ACCIS)
National Association of College Admission Counseling (NACAC)
Potomac and Chesapeake Association of College Admission counseling (PCACAC)

THE COLLEGE BOARD