



Course Information List 2022-2023

Course Descriptions can be found here:

<https://www.madeira.org/academics/academic-departments/>

Arts	
Course Titles	Other Information
Studio Art: Fundamentals of Drawing (1)	
Studio Art: Painting (1)	
Studio Art: Printmaking (1)	
Studio Art: 3D Design (1)	
Advanced Studio Art: Art Mediums Exploration (1)	
Studio Art Seminar (3)	
Digital Art: Digital Drawing & Animation (1)	
Digital Art: 3-D Modeling (1)	
Programming for the Visual Arts* (1)	
Advanced Programming for the Visual Arts* (1)	
Photography: Digital (1)	
Photography: Darkroom (1)	
Advanced Photography: Darkroom (1)	
Photography: Narrative (1)	
Theater Arts (1)	
Musical Theater (1)	
Acting I (1)	
Acting II (1)	
Directing (1)	
Playbuilding (1)	
Public Speaking ° (1)	
Stagecraft (3)	Wednesdays 6:30-9:00 p.m. Mods 1-6
Chamber Orchestra (3)	Monday and Wednesday 6:20-7:20 p.m. Mods 1-6
Advanced Chamber Orchestra (3)	Monday and Wednesday 7:20-8:20 p.m. Mods 1-6
Glee (3)	Mondays and Thursdays 6:30-8:00 p.m. Mods 1-6

English
Course Titles
English I (3)
English II (3)
English III (3)
AP English Literature and Composition (2)
English IV (3)
International Student English, Year One (3)
International Student English, Year Two (3)

History
Course Titles
Comparative Global Studies I (3)
Comparative Global Studies II (3)
U.S. History (4)
History Seminar: Global Justice (3)
History Seminar: Queer History (3)
History Seminar: American Girlhood (2)
History Seminar: Big Ideas on Philosophy (2)
History Seminar: Capitalism and Its Critics (2)
History Seminar: Holocaust Studies (2)
History Seminar: Indigenous Peoples of Northern Virginia (2)

Math
Course Titles
Algebra I (3)
Geometry (3)
Bridge to Algebra II (1)
Algebra II (3)
Advanced Algebra II (2)
Trigonometry (1)
Precalculus (2)
Advanced Precalculus (3)
Calculus (3)
AP Calculus AB (3)
AP Calculus BC (4)
Linear Algebra (3)
Computer Science I *(1)
Principles of Computer Science *(2)
Advanced Computer Science *(3)
Applied Mathematics:
• Financial Mathematics: Personal Finance (1)
• Financial Mathematics (1)
• Math in Motion (1)
Statistics (3):
• Data and Display (1)
• Probability (1)
• Data Science (1)
AP Statistics (3)

Enrollment determines which electives will run.

*Meets coding requirement

°Meets Interdisciplinary requirement

(#)- Number of credits the course earns

For more information, please contact the Academic Office at academicoffice@madeira.org

Science
Course Titles
Biology (3)
Applied Chemistry (3)
Chemistry (3)
Applied Physics (3)
Physics (3)
AP Biology
AP Chemistry
AP Physics C: Mechanics
Bioorganic Chemistry (1)
Environmental Science:
• Field Ecology (1)
• Citizen Science (1)
• Contemporary Issues (1)
Forensics:
• Biological Evidence ° (1)
• Physical Evidence ° (1)
Kinesiology: Functional Human Movement ° (1)
Marine Ecology (1)
Programming for Robotics* (1)

Interdisciplinary	
Course Titles	Other
Introduction to Horsemanship ° (1)	
Mindfulness and the Brain ° (1)	
Student Life ° (2)	
STEAM Fundamentals (1)	
Topics in STEAM:	
• 21st Century Design, Sustainability, and Bio-fabrication ° (1)	
• Designing for the Human Body° (1)	
• Engineering for Robotics ° (1)	
Engineering and Invention Lab** (3)	Tuesday, 6:30-8:30 p.m. Mods 1-7

World Languages
Course Titles
Bridge to French I (1)
French I (3)
Bridge to French II (1)
French II (3)
French III (3)
French IV (3)
AP French Language and Culture (3)
Latin I (3)
Latin II (3)
Latin III (3)
Latin IV / AP Latin (3)
Etymology:
• Classical Mythology and Etymology (1)
• Ancient Medicine and Medical Terminology (1)
Bridge to Spanish I (1)
Spanish I (3)
Bridge to Spanish II (1)
Spanish II (3)
Spanish III (3)
Spanish IV (3)
AP Spanish Language and Culture (3)

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