



MICDS

MARY INSTITUTE AND SAINT LOUIS COUNTRY DAY SCHOOL

UPPER SCHOOL Curriculum

2021-2022

	100 LEVEL	200 LEVEL	300 LEVEL	400 LEVEL	500 LEVEL	600 LEVEL
ENGLISH	English 9: Crossing Thresholds: Stories of Orientation and Transformation	English 10: Literary Analysis & Insight		English 11: American Literature: Transcending Self, Asserting Self S2 Choices: Literature of the Northeast Literature of the Northwest	Literature of the South Literature of the Southwest	The Art of Short Fiction Literature of the Black Diaspora The Faust Tradition in Literature Global Literature and Nonfiction Advanced Literary Topics w/ choice of Journalism, Literature Exploration, Creativity, Adaptation
HISTORY AND SOCIAL SCIENCES	The Post-1900 World	United States History United States History Accelerated	Personal Finance Foundations of Entrepreneurship	S1: History of St. Louis S2 Choices: African-American History History of Women's Rights Modern Asian History African History The Modern Middle East Ancient Empires	World Religions History of Genocide & Human Rights The Cold War History of Environmental Conflict History of Race & Sports in Modern America 9/11 & The War on Terror Politics and Protest Current Events	AP United States Government & Politics AP European History AP Microeconomics AP Macroeconomics AP Psychology
MATH	Applied Integrated Mathematics 1	Applied Integrated Mathematics 2 Integrated Math 1 Integrated Math 1 Accelerated	Applied Integrated Mathematics 3 Integrated Math 2 Integrated Math 2 Accelerated	Precalculus	Calculus Statistics	AP Statistics AP Calculus AB AP Calculus BC Vector Calculus AP Computer Science A AP Computer Science Principles Advanced Topics in Computer Science Computer Science Research and Development
LANGUAGE	Spanish 100	Spanish 200 Spanish 250 French 200	Spanish 300 Spanish 350 French 300	Spanish 400 Spanish 450 French 400 Greek	Spanish 550 French 550	AP Spanish AP French
		Mandarin 200	Mandarin 300	Mandarin 400	Mandarin 550	AP Mandarin
		Latin 200	Latin 300	Latin 400	Latin 550	AP Latin
SCIENCE	Chemical and Physical Systems Chemical and Physical Systems Accelerated	Bio-Chemistry Applications Bio-Chemistry Applications Accelerated Maker Science: Digital Fabrication Maker Science: Problem Solving Kinesiology	Anatomy & Physiology Kinesiology Engineering Electronics and Robotics Environmental Science Human Geography and Sustainable Development Science for Competition Forensics Science Aide Ecology of Costa Rica Biological Design Botany	Modern Physics Neuroscience	Science Seminar: Literacy and Methodology Independent Lab Research: Institutional Research	AP Biology AP Chemistry AP Environmental Science AP Physics C Mechanics AP Physics C Electricity & Magnetism Science in the Field Advanced Physical Chemistry and Research
ART	Fine Arts: Photo 1: Digital Architecture Ceramics 1 Design Digital Design Performing Arts: Acting 1 Band Choir Strings	CAD/Rendering Ceramics 2 Drawing Sculpture 2 Photo 2: Dark Room Photo 2: Digital Acting 2 Band Choir Strings	Ceramics 3 Painting Photo 3 Sculpture 3 Acting 3 Band Choir Strings Video Production	Advanced Drawing & Painting Ceramics 4 Photo 4 Sculpture 4 Acting 4 Band Choir Strings Video Production		AP Studio Art: Drawing AP Studio Art: 2-D Design (Photo) AP Studio Art: 3-D Design AP Art History AP Music Theory
ALSO			Programming, Environment, Advanced Data Structures		Independent Study	

Note: The intention of this grid is to see the broad array of rich offerings at MICDS. It is not intended to help map out a schedule.



UPPER SCHOOL

Curriculum

GRADES 9-12



The Upper School curriculum at MICDS provides students with multiple opportunities to live the Mission of the School. Courses are designed to engage students in deep intellectual labor characteristic of a strong academic foundation. MICDS provides ample opportunity to pursue passions and interests through a variety of course offerings.

The Eliot Summer Academy offers enrichment and advancement in selected disciplines during the summer months. For more specific information and course descriptions, please visit our website at micds.org.

MATHEMATICS

Required:

6 semesters: must include completion of the Integrated Mathematics Curriculum 1 & 2. Students are strongly encouraged to take math all 8 semesters.

AP Classes:

Statistics, AB Calculus, BC Calculus

SCIENCE

Required:

Three year-long courses: First two years Chemical and Physical Systems/Accelerated, Biochemistry Applications/Accelerated. Third year Environmental Science or AP Science

Many MICDS students take four or five years of science

Representative Elective Courses:

Modern Physics, Forensics, Neuroscience, Astronomy
Year-long Strands: Engineering & Robotics, Human Body, Plant Science, Maker, and Research

AP Classes:

Biology, Chemistry, Physics C Mechanics, Physics C Electricity & Magnetism, Environmental Science

ENGLISH

Required:

8 semesters: In 9th & 10th grade, the course is taught in common. In grade 11, the course is taught in common the first semester with an elective choice in the second semester. 12th graders choose two electives for the year.

Representative Elective Courses:

Global Literature, Literature of the Black Diaspora

AP Classes:

No courses designated AP; students test as they feel prepared.

WORLD LANGUAGES

Required:

A single language through level 3.

AP Classes:

Spanish, French, Latin, Mandarin

HISTORY AND SOCIAL SCIENCES

Required:

6 semesters: The Post-1900 World, United States History or United States History Accelerated, History of St. Louis, plus one additional semester elective

Representative Elective Courses:

History of Race and Sports in America, 9/11 & The War on Terror, Personal Finance, History of Environmental Conflict, Modern Asian History

AP Classes:

United States Government and Politics, European History, Microeconomics, Macroeconomics, Psychology. Students take United States History & World History AP tests as they feel prepared.

FINE & PERFORMING ARTS

Required:

A minimum of 4 semesters required

Representative Elective Courses:

Acting, Architecture, Band, Ceramics, Choir, Design, Digital Design, Drawing, Painting, Photography, Sculpture, **AP:** Music Theory

AP Classes: Art History, 2-D Design (Photo), 3-D Design, Drawing

ALSO

- Athletics are required for 2 seasons in 9th-11th grade, 1 season in 12th grade.
- Plant Strand, Human Body Strand, Engineering and Robotics Strand, Maker Tools and Digital Fabrication Strand, Research Strand
- **AP Classes:** Computer Science, Computer Science Principles

