UPPER SCHOOL

Curriculum

MICDS

MARY INSTITUTE AND SAINT LOUIS COUNTRY DAY SCHOOL

	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 T3 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 Irish Literature Advanced Literary Topics w/ choice of Journalism, Literature Exploration, Creativity, Adaptation	The Faust Tradition in Literature Global Literature and Nonfiction
HISTORY AND SOCIAL SCIENCES	The Post-1900 World	United States History United States History Accelerated	Personal Finance Foundations of Entrepreneurship	History of St. Louis African-American History History of Women's Rights Modern Asian History Modern African History The Modern Middle East Ancient Empires World Religions Race & Nationhood 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 Leadership in the 21st Century Presidential Politics 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 Accelerated	Applied Integrated Mathematics 3 Integrated Math 2 Integrated Math 2 Accelerated	Precalculus	Calculus Statistics	AP Statistics AP Calculus AB AP Calculus BC Multi-variable Calculus Vector Calculus AP Computer Science A AP Computer Science Principles
LANGUAGE	Spanish 100	Spanish 200 Spanish 250	Spanish 300 Spanish 350	Spanish 400 Spanish 450	Spanish 500	AP Spanish
		French 200	French 300	French 400 Greek	French 500 Greek	AP French Greek
		Mandarin 200	Mandarin 300	Mandarin 400	Mandarin 500	AP Mandarin
		Latin 200	Latin 300	Latin 400	Latin 500	AP Latin
SCIENCE	Chemical and Physical Systems or Chemical and Physical Systems Accelerated	Bio-Chemistry Applications or Bio-Chemistry Applications Accelerated Maker Science: Digital Fabrication Maker Science: Problem Solving Kinesiology Geology and Biodiversity: Teton Trip	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 Astronomy	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: Architecture Ceramics 1 Design Digital Design Photo 1: Digital Photo 1: Dark Room Sculpture I	CAD/Rendering Ceramics 2 Drawing Sculpture 2 Photo 2: Dark Room Photo 2: Digital	Ceramics 3 Painting Photo 3 Sculpture 3 Stagecraft	Advanced Drawing & Painting Ceramics 4 Photo 4 Sculpture 4		AP Studio Art: Drawing AP Studio Art: 2-D Design (Photo) AP Studio Art: 3-D Design AP Art History
	Performing Arts: Acting 1 Band Choir Strings	Acting 2 Band Choir Strings	Acting 3 Band Choir Strings Video Production	Acting 4 Band Choir Strings Video Production		AP Music Theory
ALSO	BOOM Project		Public Speaking, Programming Environment, Advanced Data Structures Journalism,		Independent Study	AP Computer Science AP Computer Science Principles

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 while providing 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:
8 semesters: which must include Integrated Mathematics 1 & 2. Students are strongly encouraged to take math all 8 semesters.
Representative Elective Courses:
Linear Algebra, Discrete Mathematics, Multi-variable Calculus, Number Theory
AP:
Statistics, AB Calculus, BC Calculus

SCIENCE

Required:
6 semesters: In 9th and 10th grade, students take Chemical and Physical Systems and Bio-Chemistry Applications, respectively. In grades 11 and/or 12, students take one more year of Environmental Science or an AP Science course.
Representative Elective Courses:
Modern Physics, Forensics, Neuroscience, Astronomy
Year-long Strands: Engineering & Robotics, Human Body, Plant Science, Maker, & Research
Science Trips: Costa Rica, Tetons, etc.
AP:
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, Irish Literature, Literature of the Black Diaspora
AP:
No courses designated AP; students test as they feel prepared.

WORLD LANGUAGES

Required:
A single language through level 3.
AP:
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 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:** Art History, **AP Studio Art:** 2-D Design (Photo), **AP Studio Art:** 3-D Design, **AP Studio Art:** Drawing

ALSO

Athletics are required for 2 seasons in 9th-11th grade, 1 season in 12th grade.
AP:
Computer Science, Computer Science Principles