



# MICDS

MARY INSTITUTE AND SAINT LOUIS COUNTRY DAY SCHOOL

UPPER SCHOOL

# Curriculum

2022-2023

	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	S1: History of St. Louis S2 Choices: History of Women's Rights History & Film Modern Asian History African History The Modern Middle East Ancient Empires	World Religions History of Genocide & Human Rights History of Environmental Conflict History of Race & Sports in Modern America The Civil Rights Movement Politics and People Sociology Word War II	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 with Applications Statistics	AP Statistics AP Calculus AB AP Calculus BC Vector Calculus AP Computer Science A Advanced Topics in Computer Science Computer Science Research and Development
LANGUAGE	Spanish 100	Spanish 200 Spanish 250  French 200  Mandarin 200  Latin 200	Spanish 300 Spanish 350  French 300  Mandarin 300  Latin 300	Spanish 400 Spanish 450  French 400 Greek  Mandarin 400  Latin 400	Spanish 550  French 550  Mandarin 550  Latin 550	AP Spanish  AP French  AP Mandarin  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 Problem Solving in Biology Problem Solving in Chemistry Problem Solving in Physics Science for Competition Forensics Science Aide 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: 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 Stagecraft  Photo 3 Sculpture 3	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 Orchestra	Acting 2 Band  Choir Orchestra	Acting 3 Band  Choir Orchestra Video Production	Acting 4 Band  Choir Orchestra Video Production		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](http://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:

The Modern Middle East, World War II, Personal Finance, World Religions, Modern Asian History, The Civil Rights Movement

### 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

