# UPPER SCHOOL

## Curriculum

### GRADES 9-12

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<thead>
<tr>
<th>100 LEVEL</th>
<th>200 LEVEL</th>
<th>300 LEVEL</th>
<th>400 LEVEL</th>
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<tr>
<td><strong>ENGLISH</strong></td>
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<td>Spanish 100</td>
<td>Spanish 200 Spanish 250</td>
<td>Spanish 300 Spanish 350</td>
<td>Spanish 400 Spanish 450</td>
<td>Spanish 500</td>
<td>AP Spanish</td>
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<tr>
<td>French 200</td>
<td>Mandarin 200</td>
<td>French 300 Greek</td>
<td>French 400 Greek</td>
<td>French 500 Greek Mandarin 500</td>
<td>AP French AP Mandarin</td>
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<tr>
<td>Latin 200</td>
<td>Mandarin 300</td>
<td>Latin 300</td>
<td>Latin 400</td>
<td>Latin 500</td>
<td>AP Latin</td>
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<td><strong>SCIENCE</strong></td>
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<td>Fine Arts: Architecture CAD/Rendering Ceramics 1 Photo 1: Digital Sculpture 1 Design Digital Design</td>
<td>Photo 2 Drawing 1 Ceramics 2 Sculpture 2 Computer-Aided Advanced Drawing Drafting (CAD) Stagecraft</td>
<td>Photo 3 Advanced Painting Ceramics 3 Sculpture 3 Painting 1 Painting 2</td>
<td>Advanced Techniques 1 Advanced Techniques 2 Advanced Techniques 3</td>
<td>AP 2-D Design (Photo) AP Studio Art; Drawing AP Art History AP 3-D Design</td>
<td>AP Computer Science AP Computer Science Principles</td>
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<tr>
<td>Performing Arts: Choir Strings</td>
<td>Acting 2</td>
<td>Acting 3</td>
<td>Band Video Production</td>
<td>Independent Study</td>
<td>AP Music Theory</td>
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<tr>
<td>BOOM Project</td>
<td>Public Speaking, Programming Environment, Advanced Data Structures Journalism,</td>
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</tbody>
</table>

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.
### MATHMATICS
**Required:**
9 trimesters: which must include Integrated Mathematics 1 & 2. Students are strongly encouraged to take math all 12 trimesters.

**Representative Elective Courses:**
Linear Algebra, Discrete Mathematics, Multi-variable Calculus, Number Theory

**AP:**
Statistics, AB Calculus, BC Calculus

### SCIENCE
**Required:**
9 trimesters: 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:**
Robotics & Maker, Modern Physics, Plant Science Strand, Research Strand, Biotechnology, Forensics, Human Body Strand

**AP:**
Biology, Chemistry, Physics C Mechanics, Physics C Electricity & Magnetism, Environmental Science

### ENGLISH
**Required:**
12 trimesters: In 9th & 10th grade, the course is taught in common. In grade 11, the course is taught in common the first two trimesters with an elective choice in the third trimester. 12th graders choose two electives for the year.

**Representative Elective Courses:**
From Poetry to Plays, Irish Literature, Literature of the Black Diaspora

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

### HISTORY AND SOCIAL SCIENCES
**Required:**
9 trimesters: The Post-1900 World, United States History or United States History Accelerated, History of St. Louis, plus two additional trimester electives

**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 6 trimesters

**Representative Elective Courses:**
Ceramics, Painting, Chamber Choir, Photography Architecture, Acting, Digital Design, Instrumental Music

**AP:**
Music Theory, Drawing, Art History, Photography, 3-D

### WORLD LANGUAGES
**Required:**
A single language through level 3.

**AP:**
Spanish, French, Latin, Mandarin

### ALSO
Athletics are required for 2 seasons in 9th-11th grade, 1 season in 12th grade.

**AP:**
Computer Science, Computer Science Principles