



**MAGNIFICAT**

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**2020-2021  
Curriculum Guide**

Magnificat High School,  
a girls' Catholic college-preparatory high school,  
founded and sponsored by the Sisters of the Humility of Mary,  
calls young women to live Mary's *Magnificat* in the world.

## **MISSION**

We educate young women holistically  
to learn, lead, and serve  
in the spirit of Mary's *Magnificat*.

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## Course Descriptions School Year 2020-2021

### Graduation and College Preparatory Recommendations

<i>Subject</i>	<i>Graduation Requirement Credits</i>	<i>Ideal College Preparatory Recommendation Credits</i>
Theology	4	4
English	4	4
Performing or Visual Art	1	1
Health/Physical Education	1	1
Mathematics	4	4
Science	3	4
Social Studies	3	3
World Language	2	4
Global Communications and Research	1	1

#### Other Graduation Requirements:

- 25 total credits
- 6 credit minimum per school year
- High School Compass classes all 4 years
- Successful completion of Genesis Program

#### Credit Flexibility

The Credit Flexibility Program is available to any student capable of completing the work outlined in a written Credit Flexibility Plan. There is no limit on the number of credits a student can earn under this program; however, Magnificat High School will only approve coursework or options that are consistent with our Mission, Values and Catholic Identity. The application form is available on PlusPortals; questions should be directed to a student's counselor.

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MAGNIFICATHS.ORG



# Course Descriptions School Year 2020-2021

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## Recommended College Preparatory Schedule

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At Magnificat, faculty, parents, and students work together to create the kind of caring environment that fosters spiritual growth and intellectual development. Within that atmosphere, each student is challenged to mature in her pursuit of knowledge and understanding. To achieve that goal, the following course of studies is recommended for all students preparing for college.

### Freshman Schedule

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1. Freshman Theology
2. English 9 (Honors as recommended)
3. Math (Algebra 1, Geometry, Intermediate Algebra, or Honors Geometry, as recommended)
4. Science Foundations or Biology 1 (Honors as recommended)
5. Arabic/Chinese/French/Spanish
6. Performing Art or Visual Art
7. Personal Wellness and Healthy Living
8. Global Communications and Research
9. High School Compass

### Sophomore Schedule

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1. Sophomore Theology
2. English 10 (Honors as recommended)
3. Math (as recommended)
4. Science (Honors as recommended)
5. Arabic/Chinese/French/Spanish
6. World History (AP as recommended)
7. Lifetime Fitness
8. High School Compass
- ½ Credit Elective

### Junior Schedule

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1. Junior Theology
2. English 11/English core option (Honors English 11 as recommended)
3. Math (as recommended)
4. Science (Honors & AP as recommended)
5. Economics/United States Government (AP Macroeconomics/AP United States Government and Politics as recommended)
6. High School Compass
- Electives
- Language (based on recommended):  
Arabic/Chinese/French/Spanish

### Senior Schedule

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1. Senior Theology
2. English 12/English core option (AP Lit & Composition as recommended)
3. Math (as recommended)
4. United States History (AP as recommended)
5. Science (Honors & AP as recommended)
6. High School Compass
- Electives
- Language (based on recommended):  
Arabic/Chinese/French/Spanish

## Academic Recognition

Students who follow a strong academic program over four years may be recognized at the end of senior year with one or more of the following awards:

### OHIO STATE BOARD OF EDUCATION

#### Diploma with Honors

Magnificat graduates are eligible for a diploma with honors as defined by the State Board of Education if they meet all but one of the following criteria:

English	4 credits
Fine Arts	1 credit
Math (including Algebra 1, Algebra 2, Geometry, and a higher-level course)	4 credits
Science (including Physics and Chemistry)	4 credits
Social Studies	4 credits
World Language (must include 3 credits of the same language or 2 credits each in 2 languages)	3 credits
Electives — no elective requirement	
GPA — 3.5 on a 4.0 scale	
Composite Score	27 on ACT or 1280 on SAT

### U.S. DEPARTMENT OF EDUCATION

#### President's Award for Educational Excellence

GPA	3.5-4.0
SAT Score	1280
ACT Score	27

### THE COLLEGE BOARD

#### AP Capstone™ Program

AP Capstone™ is a diploma program based on two year-long AP courses: AP Seminar and AP Research. These courses are designed to complement other AP courses that the AP Capstone student may take. Instead of teaching specific subject knowledge, AP Seminar and AP Research use an interdisciplinary approach to develop the critical thinking, research, collaboration, time management, and presentation skills students need for college-level work. Both courses guide students through completing a research project, writing an academic paper, and making a presentation on their project. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

## College Credit PLUS

College Credit Plus (CCP) is a program offered by the State of Ohio that provides students in grades 7-12 the opportunity to take college-level courses from a public college or university for free while earning high school credit. If the student chooses a private college or university, there may be limited costs.

Magnificat students who wish to enroll in this program will work with their school counselors and the university admissions counselors to establish their schedules. Interested students must contact their colleges of interest for information on the application process and criteria for acceptance. Classes may be taken on a college campus, online, or at Magnificat.

Students may take courses through the CCP program during the school year or during the summer. More information can be found at [www.ohiohighered.org/ccp](http://www.ohiohighered.org/ccp). Magnificat's CCP policy can be found in the Counseling Department folder in Plus Portals.

### Students interested in CCP must follow the steps outlined below:

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1. The student demonstrates the ability and has the desire to pursue college level coursework.
2. Prior to Magnificat course registration, the student expresses an interest to her counselor and schedules a meeting to discuss possible options.
3. February 3—April 1, the parent or guardian establishes an online OH|ID Account through the Ohio Department of Education at <https://ohid.ohio.gov>.
4. The student applies to the college of interest. The student will be required to meet the entrance criteria set by the college.
5. February 3—April 1, the parent or guardian submits a letter of intent and applies for funding through the OH|ID Account. A college acceptance letter is needed to apply for funding.
6. Once funding is approved (by May 6) the student may register for the college courses of interest.
7. Students must request books through the Student Information Services Office two weeks prior to the start of the course.

### Benefits

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1. Classes are offered at a high level of difficulty and provide students with rigorous coursework.
2. Students complete high school graduation requirements and college credits simultaneously.
3. Students are able to exercise independence and responsibility for their own learning (may also be a risk).
4. Classes can be taken in a subject not offered in the high school's curriculum.
5. Earn college credit at NO cost to the student or family.
6. Students will gain a permanent college transcript that may be submitted to any college when applying for admission (may also be a risk).
7. Many credits earned at Ohio public colleges are guaranteed to transfer to any other Ohio public college.

### Risks

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1. May take a student out of the high school course sequencing and present a challenge if the student chooses to re-enter the high school program.
2. Private and out-of-state colleges may not accept college credits earned through CCP.
3. May reduce opportunities for participating in high school activities if college classes are after school or on weekends.
4. A second semester senior risks not graduating if the student fails or drops the course because Magnificat graduation requirements will not have been met.
5. Could affect athletic eligibility.
6. A failed or dropped CCP class will be included on the high school and college transcripts and calculated into the Cumulative GPA.

## Counseling Department

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### High School Compass

All required Non-credit

Year

Prerequisite: none

School Counselors help students navigate through their high school experiences in three domains: academic, personal/social and college/career.

- Freshman and Sophomores focus on the transition to high school, study skills, and interest/career exploration.
- Junior year shifts towards a more indepth look at the college process, focusing on test preparation and researching colleges.
- The Senior program guides students through the college application process and aims to equip students with the skills needed to successfully transition into college.

## Student Support Services Department

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### Study+

9-12 as assigned semester or year, as

Non-credit assigned

Prerequisite: By recommendation only

Students who would benefit from additional academic support may be selected to participate in Study+. This class provides an opportunity for young women to engage in interventions including, but not limited to, small group tutoring, individual tutoring, and quiet individual study time. Selected 9th graders and Jon Peterson Scholarship recipients are eligible for this course.

## Theology

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The Theology program is essential to the Catholic identity of Magnificat High School. Although centered on The Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age published by The United States Conference of Catholic Bishops in 2008, the program also provides understanding of Mary and the *Magnificat* and the history and heritage of the school and the sponsoring community, the Sisters of the Humility of Mary. In addition, the Theology program promotes and enriches the faith dimension of each student and enables her to apply the principles reflected upon in daily life.

### 115 Freshman Theology

9 required

Year

1 credit

Prerequisite: none

- The Revelation of Jesus Christ in Scripture (*Core 1, Bishop's Framework*)

Students will gain a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will encounter the living Word of God, Jesus Christ.

- Who is Jesus Christ? (*Core 2*)

Students will be introduced to the mystery of Jesus Christ, the living word of God, the Second Person of the Blessed Trinity. Students will deepen their understanding that Jesus Christ is the ultimate revelation of God and in learning about who he is, they will also learn who he calls them to be.

In addition, students will reflect on the charism of our founding order, the Sisters of the Humility of Mary, as well on the implications of the mission statement of our school and Mary as our model.



## Theology *continued*

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### 125 Sophomore Theology

10 required

Year

1 credit

Prerequisite: None

- The Mission of Jesus Christ (Core 3)

Students will gain understanding of all God has done for us through Jesus Christ and that they share in God's redemption in and through Jesus Christ. They will be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

- Jesus Christ's Mission Continues in the Church (Core 4)

Students will deepen their understanding of how they encounter the living Jesus Christ through the Church and will come to know that the Church is the living Body of Christ today.

In addition, each student will complete thirty hours of service during her sophomore year.

### Junior Theology:

#### 130 Life in Jesus Christ (Core 6)

11 required

1st Semester

1/2 credit

Prerequisite: none

Students will deepen their understanding that it is only through Christ that they can fully live out God's plan for their lives. Students will learn the moral concepts and precepts that govern the lives of Christ's disciples.

#### 132 Living as a Disciple of Jesus Christ in Society (Elective, Option C)

11 required

2nd Semester

1/2 credit

Prerequisite: none

Students will be introduced to the Church's social teaching and will learn how Christ's concern for others, especially the poor, is present today in the Church's social teaching and mission.

#### 141 Sacraments as Privileged Encounters with Jesus Christ (Core 5)

12 required

1st Semester

1/2 credit

Prerequisite: none

Students will deepen their understanding of how they can encounter Christ today in a full and real way in and through the sacraments, especially through the Eucharist.

#### 142 Ecumenical and Interreligious Studies (Elective, Option E)

12 required

2nd Semester

1/2 credit

Prerequisite: none

Students will deepen their understanding of the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world.

### Senior Theology:

## Computer Science and Innovation Department

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One of the more recent fields of academic study, computer science is fundamental in today's digital world.

Innovation and innovative problem-solving skills are critical for the success of 21st century organizations and businesses. Almost every major challenge facing our world is turning to innovative and computing solutions, from conquering disease to eliminating hunger, from improving education to protecting the environment. In another ten to fifteen years, it is expected that all major systems and infrastructure in the world will be controlled by software. Computer science and innovation will play critical roles in this transformation.

The Computer Science and Innovation Department at Magnificat presents students with curricula and pedagogy meant to build a foundation in the core concepts, equip them with practice in innovative approaches, problem-solving and decision-making skills, and prepare them for lifelong learning. The computer science and innovation department recognize the importance of providing experiences to young women that promote design thinking, ideation, creativity, communication, and collaboration.

### **340 Project-Based Coding and Computer Applications**

11, 12 Semester

1/2 credit

*Prerequisite: Concurrent or previous enrollment in Algebra 2*

Students will examine the basics of computer programming and design using multiple platforms to learn programming. Topics include programming fundamentals, algorithm design, functions and procedures, block coding, lists, and coding language syntax. The class will emphasize teamwork and problem solving without reliance on step-by-step instructions.

### **341 Web Design**

10, 11, 12 Semester

1/2 credit

*Prerequisite: None*

This project-based course teaches students web page design and coding. Students learn HTML and CSS, and will design and code their own websites to display their projects. Students will finish this course with relevant, professional, mobile-ready websites.

### **346 Innovative Project-Based Learning**

11, 12 Semester

1/2 credit

*Prerequisite: Concurrent or previous enrollment in Algebra 2 and Chemistry. Recommendation from current science or math teacher.*

This upper-level Project Based Learning elective course aims to provide an experiential hands-on learning environment with an emphasis on project-based units using critical thinking, collaboration, communication, and creativity. The course will have a strong emphasis on technology-oriented problem solution processes requiring both group project collaborative work as well as individual contributions and a focus on authentic real-world applications. Explorations with Additive Printing Technology (3D Printing), Arduino electronics and Robotics Programming will be highlighted and course content will be augmented with industry professionals' contributions to the classroom learning environment.

### 350 AP Seminar

11, 12 *Year*

1 credit

*Prerequisite: Concurrent or previous enrollment in at least one other AP course*

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

### 355 AP Research

12 *Year*

1 credit

*Prerequisite: Successful completion of AP Seminar*

AP Research, the second course in the AP Capstone™ experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a year-long investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and presentation with an oral defense.

### 363 Entrepreneurship

11, 12 *Semester*

1/2 credit

*Prerequisite: None*

This project-based learning course utilizes the Jacobson Institute for Youth Entrepreneurship Biz Innovator Youth Entrepreneurship curriculum. Through participation in three required events sponsored by the Veale Foundation, each student will increase her knowledge of entrepreneurial processes and create her own business. Additionally, students have the opportunity to interact and connect with local entrepreneurs who serve as mentors. Upon completing this course, students will have an option to earn 3 college credits through the University of Iowa.

### 360 Digital Media Production

11, 12 *Semester*

1/2 credit

*Prerequisite: None*

Students taking digital Media Production will enhance their knowledge of taking photographs and creating video clips while looking toward their compilation into a total video presentation. This is a skill that will be useful to students for daily life and educational purposes as well as for future business situations. The course will focus on video creation applications, legalities and suppositions, physical equipment, and the building of creative possibilities. Opportunities for the sharing of students' videos beyond the scope of the class will be discussed and explored.

### **375 AP Computer Science Principles**

12 *Year*

*1 credit*

*Prerequisite: B in previous year's math class (both semesters)*

Computer science is everywhere, from smartphones and video games to music and medicine. AP Computer Science Principles (AP CSP) offers a multidisciplinary approach to teaching the underlying principles of computing, including problem solving, working with data, understanding the Internet, cybersecurity, and programming. In it students will be introduced to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Students will learn how to creatively address real-world issues while using the same tools and processes that artists, writers, computer scientists, and engineers use to bring ideas to life. They will develop an increased awareness of how computing and technology influences the world around them while broadening their understanding of computer science for use in a diversity of majors and careers.

### **380 Intro to Mechanical Engineering**

10, 11, 12 *Semester*

*1/2 credit*

*Prerequisite: None*

The purpose of this course is to develop students' technical knowledge and skills in a hands-on, collaborative, and authentic learning environment. Students learn the scientific and technical competencies needed to analyze, build, and maintain small engine vehicles. The course intends to instill these practical and intellectual skills in order produce a more well-rounded, holistically-developed student.

## English Department

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The English Department is committed to the holistic development of the self-confident and critically reflective young woman of faith in our Catholic context. Students will learn and develop the skills necessary for capable and creative participation in a literate society responsive to a technologically evolving global community. The English Department incorporates 21st century skills across the curriculum which stresses research and information literacy, academic and creative writing, the study of literature, and the progressive development of thinking and communication skills. All students are required to take four years of English with honors classes available on all four levels as well as choices for students in the regular junior and senior level classes. Electives are offered to sophomores, juniors, and seniors.

### 406 Global Communications and Research

9 required Year

1 credit

*Prerequisite: None*

Students explore the fundamentals of research, writing, and delivering presentations. While researching, students use technology to collect and organize information, determine reliable internet sources, and provide proper documentation of sources. Writing skills are developed in the process of composing a research paper. Students also learn the importance of verbal and nonverbal communication as they build their public speaking abilities and present in various formats to the class.

### 412 English 9

9 required Year

1 credit

*Prerequisite: None*

Students explore the various genres of literature and learn the terms associated with literary analysis of short stories, novels, mythology, poetry, Shakespearean drama, and non-fiction. These works are selected from various cultural and literary backgrounds. Students build their vocabulary, writing, research, and speech/presentation skills, and incorporate technology as it applies to assignments. This course assimilates the various literary experiences, and prepares them for advanced literary work in subsequent years.

### 418 Honors English 9

9 Year

1 credit

*Prerequisite: Recommendation based on placement exam*

Honors English 9 is designed for students who are avid readers who enjoy and excel at writing, discussing and sharing their work in an English literature classroom. The Honors students analyze selections from the major literary genres, applying and refining their reading, writing, speaking, and research skills. Students will incorporate technology as it applies to individual assignments.

### 422 English 10

10 required Year

1 credit

*Prerequisite: None*

Students experience multicultural literature from a variety of time periods and locations. Emphasis is placed on an in-depth study of poetry, drama, novels, short stories, and nonfiction. Students continue to develop advanced skills in critical reading, analytical thinking, essay writing, creative writing, and vocabulary building and speaking.

### 428 Honors English 10

10 Year

1 credit

*Prerequisite: B+ in Honors English 9 or A in English 9 (both semesters)*

Honors students undertake an analytical study of a wide range of multicultural literature from various time periods. Emphasis is placed on an in-depth study of poetry, drama, novels, short stories, and nonfiction. There is an extensive critical and creative writing program, which emphasizes use of textual evidence in essay writing. Students continue to advance skills in critical reading, analytical thinking, essay writing, creative writing, vocabulary building, and speaking.

### **432 English 11**

11 required Semester

1/2 credit

*Prerequisite: None*

English 11 students focus on works of literature from a variety of world cultures. The course includes in-depth analysis of classic and modern works in a range of genres. Through independent and collaborative work, students have the opportunity to develop their critical and creative thinking, writing and speaking skills. Students respond to the literature in a variety of ways including reader-response, creative pieces, critical essays and a research paper.

### **433 Mystery and Suspense**

11 core option Semester

1/2 credit

*Prerequisite: None*

This course explores the thrill of the unknown and the unexplained. Students read and analyze a variety of literature that requires them to consider possibilities, attempt to find solutions, and experience heightened circumstances while reading. Through independent and collaborative work, students continue to develop their critical/creative thinking and writing skills through research, analysis and presentations.

### **434 Fantasy and Science Fiction**

11 core option Semester

1/2 credit

*Prerequisite: None*

Through fantasy literature students will explore and rediscover worlds of make-believe where the power of the imagination reigns supreme. Through the lens of science fiction, students will be required to consider the impact that advances in technology, science, and health fields may have on the future. Students will continue to develop their critical/creative thinking and writing skills through independent and collaborative research, analysis, and presentations.

### **438 Honors English 11**

11 Year

1 credit

*Prerequisite: B in Honors English 10 or A in English 10 (both semesters)*

Qualified students undertake an analytical study of a wide range of challenging works from a variety of world cultures. There is an extensive critical and creative writing program, including a research paper, and the use of textual evidence in essay writing. This course is designed as an initial preparation of those who hope to advance to AP English and is a requirement for enrollment in their senior year.

### **442 English 12**

12 required Semester

1/2 credit

*Prerequisite: None*

Seniors continue their studies of works of literature from a variety of world cultures. Students focus on an in-depth analysis of various genres including the novel, poetry, drama, and short story. Through both independent and collaborative work, students have the opportunity to develop their critical and creative thinking, writing, researching, and speaking skills.

### **444 Plays and Playwrights**

12 core option Semester

1/2 credit

*Prerequisite: None*

Students experience an array of classic and modern dramatic works. This class explores both the tragic and the comic muses. Through both independent and collaborative work, students have the opportunity to develop their critical and creative thinking, writing, researching, and speaking skills.

### **445 Contemporary Literary Connections**

12 core option Semester

1/2 credit

*Prerequisite: None*

Making contemporary connections, students explore an array of works from different cultures and genres. Through both independent and collaborative work, students have the opportunity to develop their critical and creative thinking, writing, researching, and speaking skills.

### **449 AP Literature and Composition**

12 *Year*

1 credit

*Prerequisite: B in Honors English 11 (both semesters)*

AP English is a college-level year-long seminar that offers the opportunity for intensive study of masterworks from a variety of genres, cultures, and literary periods – classical to contemporary. Students learn skills for advanced literary analysis to apply to content and style in their own and other writers' works. They study a variety of critical approaches to literature and use knowledge from other academic areas in their thinking, writing, and speaking about literature. Participants may take the AP Literature and Composition and/or AP Language and Composition test for college credit.

### **450 Creative Composition**

10, 11, 12 *Semester*

1/2 credit

*Prerequisite: None*

Creative Composition is designed to explore the technique and devices involved in creating fiction and poetry. This course is for writers who want to improve their creative writing skills. Students will read and write short fiction, with the purpose of learning the elements that comprise good storytelling. Through writing exercises, editing workshops, and discussions, students will develop their own fiction-writing skills.

### **454 Writer's Workshop**

11, 12 *Semester*

1/2 credit

*Prerequisite: Creative Composition or a writing sample*

Writer's Workshop is designed to deepen the craft of creative writing and hone specific techniques in fiction and poetry writing. Students will continue to develop their overall stylistic quality and technical accuracy of writing through practice in various genres of writing. Through the close reading of selected texts, students will familiarize themselves with different genres and how the authors use literary devices to provide meaning, depth, and pleasure for their readers. Students will create an e-portfolio using their own selections that can be used at the collegiate level.

### **461 Communication Skills**

10, 11, 12 *Semester*

1/2 credit

*Prerequisite: None*

Students develop poise and self-confidence in a variety of speech situations. They will prepare and deliver speeches of information, persuasion, entertainment and demonstration. Students will also study cultural differences in non-verbal communications, gender and communications, and conflict resolution.

### **470 Literature and Film**

11, 12 *Semester*

1/2 credit

*Prerequisite: None*

This upper-level course aims to develop critical thinking skills through written and oral analysis of significant films and related modern novels, plays, and short stories. Students learn to analyze a film for its thematic purpose, artistic achievement and relationship to social and moral values and to make judgments based on an understanding of the unique language of film: directing, acting, cinematography, lighting, musical score and editing. They have the option of practicing their growing skills by producing an original short film or video.



## Health and Physical Education Department

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The Health and Physical Education program at Magnificat High school strives to promote the wellness approach to holistic health, which stresses the need for balance in one's life. The program philosophy emphasizes the physical, intellectual, emotional, social and spiritual development of well-rounded young women and the importance of lifetime fitness. Students are prepared to make responsible decisions, appropriate value judgments, and act in ways which contribute to good personal health.

### 240 Personal Wellness and Healthy Living

9 required Semester

1/2 credit

Prerequisite: None

Freshmen study first aid and the personal, social and community dimensions of health. The health curriculum strives to encourage the emotional, physical, social, intellectual and spiritual growth of each student. The Health course focuses on the improvement of decision-making and problem-solving skills and their relationship with healthful living. Units presented to the students may include CPR, Wellness, Alcohol, Tobacco, Drugs, Nutrition, and Sexually Transmitted Infections.

### 256 Lifetime Fitness

10, 11, 12 Semester

1/4 credit

Prerequisite: None

This course will help the student understand the importance of committing to a lifetime of physical activity by studying both team and lifetime sports. An emphasis on Christian values and good sportsmanship will occur during this class. The units may include archery, badminton, dance, table tennis, self-defense, yoga, and zumba, as well as a bowling field trip. To provide the most beneficial experience of self-defense, yoga, and zumba certified instructors will bring their expertise to this course.

### 257 Dance 1 (PE)

10, 11, 12 Semester

1/4 credit

Prerequisite: None

Students will learn about dance as a form of expression as well as a suitable lifetime activity. A variety of dance types will be included: jazz, modern, ballet, etc. This course is intended for beginning dancers.

\* Optional ½ Performing Arts credit (course # 284)

### 258 Dance 2 (PE)

10, 11, 12 Semester

1/4 credit

Prerequisite: B or better in Dance 1, at least 2 years of dance in the past 5 years and/or recommendation of the dance teacher

Dance 2 is intended to expand the experienced dancer's strength, flexibility, balance, and endurance, with a special focus on musical awareness, technique, choreography, and performance in jazz, modern, and ballet.

\* Optional ½ Performing Arts credit (course # 285)

### 260 Dance Composition (PE)

11, 12 Semester

1/4 credit

Prerequisite: Audition or recommendation of Dance teacher

This course is designed to continue the education of an advanced dancer through choreography exploration, creation, technique and development. It will expand the student's strength, flexibility, dynamics, musicality and performance on a professional level—as a dancer and as a choreographer. Students will also develop an increased knowledge of dance design and choreographic skill through creative projects, teaching their creations for aesthetic design and ability to bring their creations to life, as well as critique of all choreographic design and development.

\* Optional ½ Performing Arts credit (course # 286)

### PE Athletic Exemption

Students can fulfill the second 1/4 credit of their state PE requirement with an athletic exemption, which can be earned through participation in 2 or more full seasons of interscholastic athletics. Any student interested in pursuing the latter option must meet with her counselor and request the "Intent to Participate" form indicating the sport(s) in which she intends to participate. Note: students who quit or are cut from a team, or are unable to participate for the full seasons due to injury will not be eligible for the exemption.



## Mathematics Department

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The Mathematics Department provides a curriculum that makes available a four-year mathematics program for all our young women. Through this program, students experience “the enjoyment of a challenge, the excitement of success, and the development of a good self-image” (NCTM Standards). Students acquire competency in the processes of mathematical thinking, an understanding of the nature and structure of mathematics, and an appreciation of the value of mathematics in their everyday lives. They are evaluated for mathematical knowledge conceptual understanding, procedural skills and their ability to communicate mathematics. Students use appropriate technology, calculators (TI 84), computers and instructional materials during classroom instruction.

### 505 Algebra 1

9 required                      Year

1 credit

*Prerequisite: None*

Students solve linear, absolute value, literal and some quadratic equations; they find solutions to linear systems and inequalities. They graph linear and absolute value equations, find equations of lines and simplify and evaluate expressions involving polynomials.

### 510 Intermediate Algebra

9, 10                      Year

1 credit

*Prerequisite: Magnificat Math Department recommendation*

Students review and deepen their understanding of concepts learned in Algebra 1. Problem-solving skills are improved and confidence in math ability is developed. Students increase their understanding of functions and the elements of graphing and become proficient in the use of graphing calculators. This course sets up students for success in Algebra 2.

### 525 Geometry

9, 10 required                      Year

1 credit

*Prerequisite: Algebra 1*

Students study the shapes of two- and three-dimensional objects and analyze their properties and relationships. They recognize the logical structure of geometry and learn to define terms, test conjectures and construct proofs.

### 530 Honors Geometry

9, 10                      Year

1 credit

*Prerequisite: Recommendation*

Students study, in greater depth, the traditional topics of Euclidean and coordinate Geometry with emphasis on the logical development of a mathematical system. They discover patterns, formulate conjectures and develop their reasoning skills, both inductive and deductive.

### 533 Transitional Algebra

10, 11                      Year

1 credit

*Prerequisite: Geometry*

Students review and deepen their understanding of concepts learned in Algebra 1 and Geometry. They learn how to solve a variety of equations and inequalities. Considerable time is spent on graphing equations and using a graphing calculator. Students examine functions and become more confident in their understanding of mathematical concepts and problem solving. Waivers into Algebra 2 will not be granted to students who are recommended to take Transitional Algebra.

## Mathematics Department *continued*

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### 538 Algebra 2

10, 11, 12 required Semester

1 credit

*Prerequisite:* C+ in all previous Magnificat math classes (both semesters), and recommendation

Students will represent functions graphically, numerically, algebraically and verbally. Students will solve and/or graph a variety of equations: absolute value, quadratic, rational, radical and piecewise. They evaluate and simplify expressions involving rational and negative exponents, as well as radicals. This course also includes a study of conic sections. Students recommended to take Transitional Algebra are not eligible to waiver into Algebra 2.

### 536 Honors Algebra 2

10, 11 Year

1 credit

*Prerequisite:* B in Honors Geometry (both semesters) or recommendation of Math Department Chairperson

Students will represent functions graphically, numerically, algebraically, and verbally. Students will use multiple methods for solving linear, piecewise, absolute value, quadratic, rational, and radical equations. They use systems of equations for describing and analyzing real-life information. Students will evaluate and simplify radical expressions and expressions involving rational and negative exponents. They will analyze and graph conic sections and review right triangle trigonometry.

### 540 Mathematical Modeling & Personal Finance

11, 12 Year

1 credit

*Prerequisite:* Algebra 2

Students review the algebra of relations and functions and apply it to real-world situations. They use mathematical skills in understanding finance as it applies to their lives. Coordinate geometry and triangle trigonometry are used to describe and apply geometric concepts in problem solving. Students also explore probability and statistical concepts and their uses in the real world.

### 545 Honors Precalculus/Trigonometry

10, 11, 12 Year

1 credit

*Prerequisite:* B in Honors Algebra 2 (both semesters)

To prepare for Advanced Placement Calculus, students study polynomial, logarithmic, exponential, trigonometric and rational functions, their properties, behaviors and graphs. They refine algebra and problem-solving skills and develop clarity of thought and expression.

### 555 Precalculus/Trigonometry

11, 12 Year

1 credit

*Prerequisite:* C+ in Algebra 2 (both semesters) or successful completion of Math Modeling

Students analyze and study polynomial, rational, exponential, logarithmic and trigonometric functions to prepare for college calculus. They will use these function models to solve a variety of real world applications.

### 558 Calculus

12 Year

1 credit

*Prerequisite:* B in Precalculus (both semesters); previous or concurrent enrollment in Physics recommended

Students work with functions graphically, numerically, analytically and verbally. They study key topics in differential and integral calculus, emphasizing clear understanding, rather than broad coverage. Students will acquire a solid introduction to a college calculus course.

### 560 AP Calculus AB

12 Year

1 credit

*Prerequisite:* C+ in Honors Precalculus (both semesters)

Students work with functions graphically, numerically, analytically and verbally. They study topics in differential and integral calculus in order to be adequately prepared for the Calculus AB examination. It is expected that students who take an AP course in calculus will seek college credit, college placement, or both, from institutions of higher learning.

## Mathematics Department *continued*

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### 565 AP Calculus BC

12 Year

1 credit

*Prerequisite: 95% in Honors Precalculus (both semesters) or recommendation*

Students study all topics covered in Calculus AB plus limits and convergence of sequences and series, improper integrals, lengths of curves, partial fractions, and parametric, vector and polar functions. The content of Calculus BC prepares the student for the Calculus BC examination, which gives credit in a course that is one course beyond that granted for Calculus AB.

### 585 AP Statistics

11, 12 Year

1 credit

*Prerequisite: B in Honors Algebra 2 or B+ in Algebra 2 (both semesters) or B in Precalculus or Honors Precalculus (both semesters)*

Students focus on statistical concepts and problem-solving. They explore and describe data, investigate data production, use probability models, and employ methods of statistical inference. Use of the TI84 Plus calculator is incorporated throughout the course.

All students take four years of mathematics. In all classes, students communicate their mathematical thinking coherently and clearly and apply and adapt a variety of appropriate strategies, including data analysis, to solve real world problems. They use a graphing calculator on all levels and have daily homework (30-60 minutes in honors courses). Each student must own a graphing calculator (TI 84 Plus).

## Performing Arts Department

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The Performing Arts Department provides exceptional faith-filled, student-centered opportunities for those students interested in participating in performing arts such as dance, drama, music, voice, and technical theater through a curriculum that integrates the performing arts and college-preparatory academics. The Performing Arts program enables students' abilities to use music, dance, and drama to bring about a personal, spiritual, and academic growth that contributes to holistic development. The skills and talents our students develop in the performing arts program will prepare them to pursue further educational goals and allow them to contribute to the life and well-being of society as a whole in the spirit of Mary's Magnificat.

### 275 Intro to Drama and Musical Theater

9, 10, 11, 12 Semester

1/2 credit

Prerequisite: None

This is an introductory course which will be beneficial to beginners and experienced performers. Students will explore the process of creating a character through collaboration and improvisation, learning skills that will help them appreciate the art of acting. The integrative nature of theater will be experienced through the incorporation of dance, music, visual art and media arts. Students will find this hands-on course both adventurous and fun as they build self-confidence and develop their own personal creativity.

### 277 Concert Choir

9, 10, 11, 12 Semester

1/2 credit

Prerequisite: None

Students will learn and develop vocal skills and techniques for performing in an ensemble. This course will focus on becoming a dependable member of the choral group while fine tuning the students' musical skills to create a meaningful performance. Music selections will consist of a variety of two or three part harmony.

### 280 Chorale

11, 12 Year

1 credit

Prerequisite: 1 year choir experience and recommendation of instructor

This course is designed to continue the education of an

experienced singer through a variety of musical repertoire in a choral setting. Students will further develop the necessary skills for a choral performance with an emphasis on blending & balancing and the overall style of the piece. Music selections include three and four part harmonies. The Chorale occasionally performs outside of the school for community events.

### 284 Dance 1

9, 10, 11, 12 Semester

1/2 credit\*

Prerequisite: None

Students will learn about dance as a form of expression as well as a suitable lifetime activity. This beginner course will focus on conditioning ballet, and jazz. During the semester students will develop their flexibility, technique and coordination.

\* Optional 1/4 P. E. credit (course # 257) (10, 11, 12 only)

### 285 Dance 2

10, 11, 12 Semester

1/2 credit\*

Prerequisite: Recommendation of instructor

Dance 2 is intended to expand the experienced dancer's strength, flexibility, balance, and endurance, with a special focus on musical awareness, technique, choreography, and performance in jazz, contemporary and musical theater dance.

\* Optional 1/4 P. E. credit (course # 258)

### 286 Dance Composition

11, 12 Semester

1/2 credit\*

Prerequisite: Audition or recommendation of Dance Teacher

This course is designed to continue the education of an advanced dancer through choreography exploration, creation, technique and development. It will expand the student's strength, flexibility, dynamics, musicality and performance on a professional level—as a dancer and as a choreographer. Students will also develop an increased knowledge of dance design and choreographic skill through creative projects, teaching their creations for aesthetic design and ability to bring their creations to life, as well as critique of all choreographic design and development.

\* Optional 1/4 P.E. credit (course # 260)

## Performing Arts Department *continued*

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### **291 Magnifi-Pops**

9, 10, 11, 12                      Year

1 credit

*Prerequisite: None*

Students participating for the full year are eligible to earn 0.5 Performing Arts credit. The group will focus on providing a positive environment for students to build and strengthen skills as musicians through rehearsing and performing a variety of genres of music. Specifically, instruction will be focused on reinforcing and improving technical skills, sight reading skills, and musicianship in a group context. Music choices will be influenced by student interest and the abilities of the ensemble, but could include a mix of genres including pop, rock, jazz, musical theater standards, and popular classical repertoire. The group will perform periodically during the year to showcase the work of the students and as a service to the community.

### **294 Class Piano**

9, 10, 11, 12                      Semester

1/2 credit

*Prerequisite: None*

This is an introductory piano class for beginners only. Students will learn the basic concepts and fundamentals for playing the piano as well as the music theory involved in reading music for a performance. Students will gain confidence and understanding, making playing the piano a rewarding experience.

### **297 Intro to Acting (formerly Drama 2)**

10, 11, 12                      Semester

1/2 credit

*Prerequisite: Intro to Drama and Musical Theater*

This course will introduce students to beginning techniques for becoming a successful actor, including voice and movement, stage directions, body language, observation, listening, and collaboration. Students will practice their technique through a variety of theater activities, improvisation, and scene work. The course work will culminate in a one-act play performed at the end of the semester. Daily participation, creativity, and memorization are required for this course.

### **299 Advanced Acting**

10, 11, 12                      Semester

1/2 credit\*

*Prerequisite: Intro to Acting or recommendation of instructor*

In this course, students will continue to grow as performers through a continued study of acting. Students will be introduced to several different acting techniques, including Stanislavski and Chekov. Students will sharpen their skills through improvisation, scene work, and character analysis and will be taught practical exercises to improve vocal quality. The course work will culminate with a one-act play performed at the end of the semester. Daily participation, creativity, and memorization are required for this course.

### **302 Theatre Tech**

9, 10, 11, 12                      Semester

1/2 credit\*

*Prerequisite: None*

This is an introductory course featuring stage terminology and technical elements that go into creating a theatrical production. Students will learn the basics of set design and construction, painting, lighting, sound, costumes, makeup, and props. Hands on projects, supported by research, will provide each student with an opportunity to explore their creativity and to collaborate as they learn ways to make their vision come to life on the stage.

### **303 Theatre Tech II**

10, 11, 12                      Semester

1/2 credit\*

*Prerequisite: Theatre Tech or recommendation of instructor*

Taking the knowledge of Technical Theatre Theory, procedures and tasks learned in the Theatre Tech class, students of Theatre Tech II will spend their semester putting that information to use. They will be given the time to explore those aspects of technical theatre that most interest them by gaining practical knowledge as they read scripts, design scenery, lighting, sound effects, projections, properties, and prepare their stage manager's script. These students will be ready to go into any production confident and prepared.

## Science Department

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The science curriculum consists of those courses and activities that allow the individual student to interact with science as a discipline and to experience empirical inquiry as a method of investigation. Emphasis is placed on the processes of science so that students will discover and interpret scientific knowledge, develop positive attitudes and interests related to science and scientists, and recognize that these behaviors will be applied in making decisions in an age influenced by science and technology. Provisions are made for using instructional strategies that reflect the nature of science and scientific inquiry, and meet the needs of women learners. An understanding of the nature of science is stimulated through the use of the laboratory as a focal point for engaging in the processes of science. Opportunities are provided for students to apply methods and knowledge of science to formulate possible solutions for the problems of society.

The science department promotes an atmosphere in which students become aware of the dynamic balance within the biosphere and learn to value themselves and the created world as a gift of God and therefore accept responsibility for stewardship of the earth.

### 705 Science Foundations

9 Year, does not meet every day

1/2 credit

*Prerequisite: Magnificat Science Department recommendation*

Students review and strengthen their mastery of basic science concepts and skills needed for successful pursuit of science topics while engaging in scientific inquiry. The course will develop students' proficiency with use of the Scientific Method, the metric system, units and dimensional analysis, and databases. Students will practice graphing, note-taking, lab safety and procedures, experimental design and scientific problem-solving. This course sets up students for success in Biology and other future STEM courses.

### 701 Biology 1

9 required Year

1 credit

*Prerequisite: None*

Biology 1 is designed to expose students to the underlying concepts and processes of life. The class revolves around evolution; driving the diversity and unity of life, free energy; its use in molecular building blocks to grow, reproduce and maintain dynamic homeostasis, information; storing, retrieving transmitting and responding and system interactions. Students also explore biology in real-world applications. The course includes discussions, laboratory investigations independent and collaborative projects emphasizing discovery and scientific inquiry of the structure and function of life from the global to the microscopic scale.

### 715 Honors Biology

9 Year

1 credit

*Prerequisite: Recommendation, based on placement exam*

The student will be more challenged by the depth and fast pace of this course. Honors Biology will cover topics included in a general biology course in greater depth using the molecular approach and higher-level thinking skills. Emphasis will be placed on laboratory investigation with strategies to foster inquiry and problem analysis. Further topics will be explored to cultivate critical reasoning skills. Students will be required to work on additional independent projects throughout the year.

### 720 Marine Biology

11, 12 Year

1 credit

*Prerequisite: Biology 1 and Chemistry 1*

This course is designed as a second Life Science elective for juniors and seniors who have successfully completed Biology 1 and Chemistry 1. In this class, students will learn about the physical structure and chemistry of the ocean, the diversity of ocean life, marine ecology, and the scope and impact of human interactions with the oceans. Laboratory activities reinforce the concepts and principles presented.

## Science Department *continued*

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### 725 Environmental Science

10, 11, 12

Year

1 credit

*Prerequisite: Biology 1*

This one-year lab course is a study of interrelationships between terrestrial, aquatic and atmospheric systems. It will examine, identify and analyze biomes, environmental problems, both natural and human-made, evaluate risks associated with these problems and examine alternative solutions for resolving /preventing them. This multi-disciplinary course links biology, earth science, chemistry and physics with the social sciences of economics, politics and ethics. Additional independent projects are incorporated throughout the year. Students who have taken AP Environmental Science are not eligible to take Environmental Science.

### 727 AP Environmental Science

11, 12

Year

1 credit

*Prerequisites: A in Biology and Chemistry (both semesters) or B+ in Honors Biology and Honors Chemistry (both semesters) or B+ in both Honors Advanced Chemistry and Honors Human Anatomy & Physiology AND Science Department Recommendation*

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. AP Environmental Science is a rigorous, fast-paced course, and students must be prepared to devote considerable time and energy to it in order to perform well in class and on the College Board AP Environmental Science test. Students who have taken Environmental Science are not eligible to take AP Environmental Science.

### 735 Chemistry 1

10, 11

Year

1 credit

*Prerequisites: C in Biology 1 (1st semester) or previous enrollment in Environmental Science. B in Algebra 1 (one semester) or previous/concurrent enrollment in Algebra 2.*

The student will develop a fundamental understanding of chemistry including matter and change, basic concepts of atomic theory, knowledge of the periodic table, chemical calculations and chemical reactions. Qualitative and quantitative laboratory investigations enhance the student's knowledge of the subject. Students further develop mathematical and critical reasoning skills through hands-on activities and problem-solving techniques. Students will be prepared to begin the first year of Chemistry at the college level after successfully completing this course. This course **does not** meet the prerequisites for AP Chemistry or AP Biology.

### 740 Honors Chemistry

10, 11

Year

1 credit

*Prerequisites: B+ in Honors Biology (both semesters) and Science Department recommendation. Concurrent enrollment in an Honors Math course is strongly recommended.*

Honors Chemistry is a rigorous, fast-paced course where the students cover more topics and have a greater depth of understanding than those taking Chemistry 1. Theoretical concepts are developed through discussions and hands-on activities, and are observed in the laboratory setting. Students must be highly proficient in Algebra in order to keep pace with the level of problem solving done in the course. Honors Chemistry emphasizes critical thinking, problem solving, proper laboratory techniques, careful observations, and reporting laboratory results in logical, well-written lab reports. This course is a prerequisite for AP Biology or AP Chemistry.



### **736 Honors Advanced Chemistry/ 737 Honors Human Anatomy and Physiology**

11, 12 *Year*

1 credit

*Prerequisites: B in Chemistry (1st semester)*

In this year-long course, students use college materials for the investigation of in-depth studies of Chemistry and Human Anatomy and Physiology. Students will further examine concepts of chemical calculations, biochemistry, forensic studies, gas laws, solutions, acids-bases and oxidation-reduction reactions. Students will foster an understanding of the intricate workings of the organ systems of the human body while exploring associated diseases and disorders. Advanced laboratory techniques, dissecting techniques and critical thinking skills will be further developed. This course is designed for students interested in advanced science concepts and pursuing health-related career options.

### **742 AP Chemistry**

11, 12 *Year*

1 credit

*Prerequisites: B+ in Honors Chemistry (both semesters) or B+ in both Honors Advanced Chemistry & Honors Human Anatomy and Physiology, and Science Department recommendation*

AP Chemistry is a second full-year course offered to juniors or seniors who are self-motivated, independent learners with a solid background in chemistry and mathematics. The course is equivalent to a first-year college level general chemistry course. AP Chemistry provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. AP Chemistry is a rigorous, fast-paced course, and students must be prepared to devote considerable time and energy to it in order to perform well in class and on the College Board AP Chemistry exam.

### **745 AP Biology**

10, 11 *Year*

1 credit

*Prerequisites: B+ in Honors Chemistry (both semesters) or B+ in both Honors Advanced Chemistry & Honors Human Anatomy and Physiology, and Science Department recommendation.*

*Previous or concurrent enrollment in AP Statistics is recommended.*

AP Biology is a second full-year Life Science course offered to juniors or seniors with a strong background in biology and chemistry. The course is equivalent to a first-year college level general biology course. It is an inquiry-based course, so students gain experience and appreciation of biology through experimentation and inquiry. The course strongly emphasizes critical thinking skills, essay and laboratory writing skills, and data analysis skills. The goal of AP Biology is to provide a learning environment that enables students to develop a solid understanding of the principal concepts of Biology, while gaining confidence in their ability to think critically and apply prior knowledge. AP Biology is a rigorous, fast-paced course, and students must be prepared to devote considerable time and energy to it in order to perform well in class and on the College Board AP Biology test.

### **750 Physics**

11, 12 *Year*

1 credit

*Prerequisites: C+ in Algebra 2 or C in Honors Algebra 2 (1st semester). Previous or concurrent enrollment in Precalculus/Trigonometry.*

Student learning will focus on the studies of Newtonian mechanics, work, energy, power, mechanical waves and sound, and circuits. Participation in laboratory investigations will be an integral part of the course experience. Students will deepen their problem solving and analytical thinking skills. This course is recommended for students aiming for a solid science background.



### 755 Honors Physics

11, 12 Year

1 credit

*Prerequisites: B+ in Honors Algebra 2 (both semesters) and science department recommendation. Previous or concurrent enrollment in Honors Precalculus/Trigonometry.*

Honors physics is an algebra-based course in which students will engage in more in-depth and higher-level mathematical and theoretical analysis of principles and laboratory data than in Physics. In addition to the topics covered in Physics, Honors Physics also explores concepts such as angular motion and static equilibrium. Students must be proficient in Algebra 2 and Trigonometry to maintain the quicker pace, deeper level of understanding, and more challenging problems included in Honors Physics.

### 760 AP Physics C: Mechanics

11, 12 Year

1 credit

*Prerequisites: Previous or concurrent enrollment in AP Calculus AB or BC, and an Honors or AP level science course and science department recommendation.*

AP Physics C is a calculus-based introductory college-level physics course. This course is recommended for students aiming for engineering or physical science majors in college. Physics C is intended as a second-year course. This course covers kinematics, Newton's laws, work, energy, power, linear momentum, circular motion and rotation, oscillations and gravitation. Introductory differential and integral calculus is used throughout the course.

## Social Studies Department

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The Social Studies Department has a responsibility to provide students with a challenging curriculum that will prepare students for college-level studies, further a better understanding of the world, encourage students to become lifelong learners, and provide students with the skills, knowledge, Catholic social principles and gospel values necessary to be constructive participants in the global community.

### 820 World History

10 required Year

1 credit

Prerequisite: None

World History is a survey course in which students will trace the development of civilization to the contemporary era while placing emphasis on eighteenth through twentieth centuries. The course will allow students to view past events in light of historical perspective, geography, economics, government, culture and society. Students will discuss cause-effect relationships, events, issues, concepts, and cultures. A primary goal of this course is to help students utilize the tools, processes, methods, and techniques to think historically. Emphasis will be placed on skill development and the use of primary resources.

### 824 AP World History: Modern

10 Year

1 credit

Prerequisite: B in Honors English 9 or A in English 9 (both semesters)

The equivalent of a year-long college survey course, AP World History: Modern begins with an overview of ancient history before immersing students in a rigorous and fast-paced exploration of world history from 1200 to present. In addition to chronology and biography, the course analyzes the social, political, economic, cultural, and environmental developments and processes that have shaped human history around the globe across a span of 800 years. Beyond learning content, AP World History: Modern students become historians as they evaluate primary and secondary sources, hone historical reasoning skills (causation, comparison, change and continuity over time), and craft historical arguments.

### 830 Economics

11 required Semester

1/2 credit

Prerequisite: None

Students explore the fundamentals of economics with application to current concerns including types of economies, the stock market, supply and demand, types of business organizations, the federal reserve system, personal finances and the filing of income tax forms.

### 833 AP Macroeconomics

11 1st Semester

1/2 credit 2nd Semester, 1-30 min.

period/rotation

Prerequisite: B in AP World History or A in World History and B in honors level math or A in college prep level math taken as a sophomore (both semesters)

Students will explore the basic principles of macroeconomics at a rigorous pace. Course concepts include: the nature of economics (including cost benefit analysis); measuring economic performance using various indicators; aggregate demand and aggregate supply; fiscal policy; monetary policy and economic stability; and international trade and finance.

The strong emphasis this course places on graph construction and graphical analysis by students to explain economic concepts, requires proficiency in Algebra. Students must possess strong computational skills, as no calculators are permitted due to the constraints of the AP exam.

### 835 United States Government

11 required Semester

1/2 credit

Prerequisite: None

Juniors investigate the concepts and structure of the American system of government by studying the Constitution. Current events are related to the topics under consideration.

## Social Studies Department *continued*

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### **837 AP United States Government and Politics**

11 *2nd Semester*

*1/2 credit*

*Prerequisites: B in AP World History or A in World History; and A in English 10 or B in Honors English 10 (both semesters); and department recommendation based on pre-test performance.*

This course explores the political theory and everyday practice that direct the daily operations of our government and shape our public policies. This course is for all intents and purposes taught on a college level and it requires a substantial amount of reading and preparation for every class. The objectives of this course go beyond a basic analysis of how our government “works.” Student will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens. Topics include constitutional underpinnings of the U.S. government, political beliefs and behaviors, political parties, interest groups and mass media, federal institutions, public policy, and civil rights and liberties.

### **840 United States History**

12 *required* *Year*

*1 credit*

*Prerequisites: None*

United States History is a survey course designed to trace the development of contemporary America from the colonial period.

This course addresses foreign and domestic policy in an examination that includes political, diplomatic, economic, social, cultural and military history.

Students will further hone the skills necessary to produce essays, projects and papers that demonstrate mastery of content, analysis and proper use of primary and secondary sources as well as effective written and verbal communication.

### **845 AP United States History**

12 *Year*

*1 credit*

*Prerequisites: B in AP World History or A in World History (both semesters)*

Advanced Placement United States History “focuses on developing students’ understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places.” (The College Board)

A.P. United States History is the equivalent of a college course and requires a substantial amount of reading in preparation for class.

### **850 Psychology**

11, 12 *Semester*

*1/2 credit*

*Prerequisites: None*

Students learn about the ways in which an individual develops an awareness of the world, the ways individuals interact with one another, and society’s inevitable influence on the individual’s behavior. Topics discussed include: altered states such as dreaming and hypnosis, the process of learning, possible sources of stress, and mental disorders. Discover new ways of looking at and interpreting your behavior as well as that of others.

## Social Studies Department *continued*

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### **855 Sociology**

11, 12 Semester

1/2 credit

*Prerequisites: None*

Human relationships at every level of society are analyzed from the small group of two or more people to the five major institutions in society: family, religion, government, economic system and education. Students will discuss whether or not aspects of these institutions are designed to maintain an inequitable distribution of resources.

### **860 Human Geography**

10, 11, 12 Semester

1/2 credit

*Prerequisites: None*

Human geography is the study of people and their relationship with and impact on the environment. It includes the examination of culture, economics, politics and religion in relation to location and movement. "We live in an age of increasing globalization. People and economies throughout the world are interconnected as never before. Nevertheless our world remains a jigsaw of countries, a patchwork of religions, a Babel of thousands of languages, a mosaic of innumerable customs and traditions. Ours still is a world of endlessly diverse places, most of which are birthplaces. Understanding and explaining this diversity is the mission of human geography." (H.J. deBilj, *Human Geography: Culture, Society and Space*, 3)

### **865 Comparative Government**

11, 12 Semester

1/2 credit

*Prerequisites: None*

The increasingly globalized society in which we live necessitates an awareness of variations in how political entities organize and structure their governments. As businesses, information and people cross geopolitical borders with greater frequency and speed, it is important for world citizens to understand the differences in those systems. This course introduces students to the fundamental structures and processes of a variety of governments around the world using specific case studies. It aims to explain differences in processes and policy outcomes and to communicate to students the importance of global political and economic change.

## Visual Arts Department

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The Arts are an essential component of our Mission to provide a holistic education. Our program provides a diverse range of courses designed to meet each student at her entry point into the visual arts and work with her to develop artistic skills, visual literacy, and creative identity as we prepare her for college and for any creative future.

Art impacts life-long learning and empowers the student to recognize and respond to her own creative voice. Immersion in art processes will develop her creative intuition, artistic integrity, and holistic growth. Art is rooted in tradition and connects her to the elegance of God's creation, cultural history, personal identity, religious heritage, and evolving future. Involvement in the arts fosters a community of innovative, collaborative, creative and critical thinkers and a belief that art can both serve and transform society.

The Art Department believes in equity and access to the arts for all levels of experience and ambition. All courses will employ a sketchbook for visual research, artistic inspiration, ideation, experimentation and reflection.

### 210 Studio Art 1

9, 10, 11 12

Semester

1/2 credit

*Prerequisite: None*

This course will serve as entry to the novice art student who is interested in building a foundation, growing her artistic experience, and exploring the visual arts in a studio setting. Students will learn various art mediums and use artists' tools to create Art, preparing them for future studio courses. Students will gain knowledge of Art elements and Principles of design while strengthening their creative expression. Each student will keep a well-developed sketchbook.

In this class, students will function as an art community in which they experience class critiques and work together to support the unique artistic expression of their peers.

### 211 Studio Art 2

9, 10, 11 12

Semester

1/2 credit

*Prerequisite: Studio Art 1, or by recommendation based on portfolio submission*

Studio Art 2 is intended for students who show a strong interest in art and wish to extend their skills knowledge in Painting, Drawing and Design. focus will be on the development of skills within these foundational areas. Studio opportunities involve projects that promote growth of observational skills and visual thinking. The course is structured, yet offers students the flexibility to choose various mediums and visual forms of expression. Working with and exploring the works of the masters, from traditional to contemporary, will guide students through problems of composition and technique. Students will individually showcase their own artwork, displaying their visual voice through a reflective portfolio.

### 212 Studio Art 3

10, 11, 12

Semester

1/2 credit

*Prerequisite: Studio Art 2 or by recommendation based on portfolio submission*

Studio Art 3 is intended for students who show a strong interest in art and wish to further develop their observational, expressive, and experimental skills in Drawing, Painting, and Design, including traditional, experimental, and contemporary processes. Students will be strongly encouraged to develop their own artistic identity and form a more personal response to art within their work. This course consists of intensive, guided exploration of art, demonstrations, reference gathering, inspirational lectures and presentations, group or individual critiques, reflections, and frequent sketch booking.

## Visual Arts Department *continued*

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### **214 Honors Studio Art**

10, 11 12

Year

1 credit

*Prerequisite: 2 semesters of an Art Studio course or by department recommendation based on portfolio submission and recommendation of Visual Arts Chairperson.*

Honors Studio Art is a rigorous course emphasizing personal development in the fine arts and focusing on using a range of conceptual approaches. The core of this course consists of intensive, guided exploration of media, demonstrations, reference gathering, inspirational lectures and presentations, group or individual critiques, reflections, drawing activities, and frequent sketch booking. The work will be structured and varied, and students will be able to choose mediums based on experience, individual strengths, and preferences for many assignments. Concepts of critical and aesthetic thinking skills learned in previous art courses will be applied to exemplar works and to students' own art works. Students will be encouraged to use these skills to develop artwork that expresses their personal voice. This course is intended for students who exhibit a strong interest in art and wish to extend their skills and knowledge. Successful completion of this course will develop the bulk of a college portfolio and/or the preparation of an AP Studio Art Portfolio.

### **216 AP Art and Design**

11 12

Year

1 credit

*Prerequisite: Honors Studio Art or by recommendation based on portfolio submission and recommendation of Visual Arts Chairperson*

AP Art and Design is a year-long course for the highly motivated student who seeks a rigorous and focused study of art. The core of the course consists of intensive, guided exploration of media, demonstrations, reference gathering, inspirational lectures and presentations, group or individual critiques, reflections, and frequent sketch booking. Students are expected to work more independently: mastering their media and engaging deeply with the themes and content of their concentration and preparing for the annual spring Art Show. In building the portfolio, students experience a variety of concepts,

techniques and approaches designed to help them demonstrate their technical skill, problem solving, and conceptualization. This course is focused on the creation of a portfolio that is successful in both aspects of development: selected works and sustained investigation – as outlined by the College Board; and provides perfect opportunity for growth in skill and discovery of personal interests in art making, and is a springboard for acceptance at an art school.

*This is a college course equivalent of a two-semester introductory college or university Studio Art survey course. Students will submit an AP Portfolio consisting of their best works in one of the following categories of AP 2D-Design, AP 3D-Art and Design, or AP Drawing to the College Board for evaluation at the end of the school year.*

### **220 Graphic Design 1**

11 12

Semester

1/2 credit

*Prerequisite: None*

Graphic Design 1 students will discover their visual voice through technology using the Adobe Creative Suite 6 (CS6) design program. This is a project-based course that will introduce students to visual communication skills through print production and graphic design. Students will develop their individualized design style using color, typography, print, digital photography, illustration, logo design, and other design strategies used in the world of art, business, science, journalism and more. Current trends, formal and informal class critiques, as well as learning the processes of design will help students make connections to and appreciate the art around them in their everyday lives. Projects may include but are not limited to: special effects in digital photography, illustrations, layout and logo design, brochures, posters, and business cards. The Graphic Design 1 course will offer students the “art of and practice of planning and projecting ideas with visual and textual content.” (AIGA).

### **221 Graphic Design 2**

10, 11 12

Semester

1/2 credit

*Prerequisite: Graphic Design 1 or by recommendation based on portfolio submission*

Students will further develop their observational and expressive skills in Graphic Design and will be encouraged to develop a particular area of interest, developing a more personal response to design and developing her own identity as an artist. Typography, photography, and illustration are incorporated into visualizing ideas with intermediate and advanced applications of state-of-the-art computer graphics.

### **225 Photography 1**

9, 10, 11, 12

Semester

1/2 credit

*Prerequisite: None*

Photography will help students develop visual literacy skills and build a basic knowledge of photography.

Students will learn about and understand the Elements of Art and Principles of Design as it relates to photography. A portfolio of various traditional and digital assignments will be developed throughout the course. Concentration will be on the development of technical skills and the refinement of aesthetic understanding and compositional strategies. The study of historical and contemporary photographers will inspire her own artistic and creative use of the camera. This course introduces the student to knowledge of both 35 mm and digital photography. Students will learn the science of exposure related to traditional film and how it translates to our digital technology, the history of photography, darkroom procedures, and digital editing using Adobe PhotoShop and LightRoom software.

*Access to a DSLR is recommended; however, there are a limited number of cameras that can be borrowed for digital assignments. All film cameras will be provided.*

### **226 Photography 2**

10, 11 12

Semester

1/2 credit

*Prerequisite: Photography 1*

Photography 2 will concentrate on helping her refine her technical and compositional skills, and develop her personal style through experimentation. She will experience areas of photography such as portraits, nature, architectural, macro, still life, commercial, and conceptual. A greater stress will be placed on composition, presentation, and technical skill. This course will focus on digital photography, however there will be the option to work with film, alternative processes, or to combine traditional darkroom techniques with digital technology. *Access to a DSLR is recommended; however, there are a limited number of cameras that can be borrowed for digital assignments. All film cameras will be provided.*

### **228 Photography 3**

11 12

Semester

1/2 credit

*Prerequisite: Photography 2*

Photography 3 will further develop her observation, expressive, and experimental skill in photography including traditional, alternative, and contemporary processes. She will be strongly encouraged to develop her own artistic identity and form a more personal response to photography within her work. A traditional darkroom will be available as well as Adobe PhotoShop and Lightroom for digital editing. This course consists of intensive, guided exploration of photography, demonstrations, reference gathering, inspirational lectures and presentations, shooting assignments, group or individual critiques, reflections, and frequent sketch booking.

*Access to a DSLR is highly recommended; however, there are a limited number of cameras that can be borrowed for digital assignments. All Film cameras will be provided.*



## Visual Arts Department continued

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### 218 AP 2D Art and Design: Photography

11 12

Year

1 credit

*Prerequisite: A in Photography 2*

This is a year-long course and is designed for students who are seriously interested in art-making with a focus on photography and promotes the sustained investigation of portfolio development. The core of the course consists of intensive, guided exploration of photography, demonstrations, reference gathering, inspirational lectures and presentations, shooting assignments, group or individual critiques, reflections, and frequent sketch booking. Students are expected to work more independently: mastering their media and engaging deeply with the themes and content of their concentration. In building the portfolio, students experience a variety of concepts, techniques and approaches designed to help them demonstrate their technical skill, problem solving, and conceptualization. The AP Studio Art experience is centered on the creation of a portfolio that is successful in both development: selected works and sustained investigation as outlined by the College Board; and provides perfect opportunity for growth in skill and discovery of personal interests in art making, and is a springboard for acceptance at an art school.

*This is a College Course Equivalent of a two-semester introductory college or university Studio Art survey course. Students will submit an AP Portfolio consisting of their best works in the category of 2-D Art and Design to the College Board for evaluation at the end of the school year.*

### 233 Clayworks 1

10, 11, 12

Semester

1/2 credit

*Prerequisite: None*

By immersing herself in the spirit of clay, the ceramic student will find her Visual Voice as she builds three dimensional objects from what once was rock. Connecting to the earth and learning to use the ancient techniques of pinch, slab and coil, she will not only build but also recycle. Her own expressions will emerge into revealing growth in design and craftsmanship. These efforts yielding this sacred connection will be recorded through a journal of thumbnail sketches, diagrams, notes and photos, from beginning seedlings of ideas through all the stages of

construction, drying, firing, under-glazing and glazing through to its finished presentation. Keeping this visual journal will allow for recreating similar results again.

### 234 Clayworks 2

11 12

Semester

1/2 credit

*Prerequisite: Clayworks 1*

Students will practice advanced techniques with the basic hand building methods of pinch, coil and slab. They will also be introduced to throwing on the wheel to form aesthetic and functional vessels. Global sources will be studied for their rich heritage. Techniques for throwing, trimming and balancing will be learned. Experimentation with glazes and surface design of the clay will be encouraged.

### 231 Metals and Jewelry 1

10, 11, 12

Semester

1/2 credit

*Prerequisite: None*

The student's Visual Voice may be calling her through the decorative arts of wearable objects and small sculptures. Language and tools unique to jewelry will be introduced as students work toward growing in design and craftsmanship. By learning traditional and contemporary jewelry techniques the artist will develop her skills and improve her knowledge to broaden her experiences in understanding, and appreciation. This will enable growth in her ability to make historical connections. Each student will create "one of a kind" pieces in this medium that will be accompanied by a visual journal/ portfolio as a record of its construction from inception to exhibition.



## Visual Arts Department *continued*

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### **232 Metals and Jewelry 2**

11, 12 Semester

1/2 credit

Students will be given assignments that build upon the foundational experiences of Metals and Jewelry. Students are now expected to work more independently. They will be required to continue to develop in their craftsmanship and expand their own creative vision by planning and creating a more intricate metal/jewelry object or pieces that relate to each other as in a set.

### **239 AP Art History**

11, 12 Year

1 credit

*Prerequisite: B in English 10 and B in World History (both semesters)*

The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from pre-history to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing of individual works and interconnections of art-making processes and products throughout history.

The redesigned AP Art History course specifies learning objectives, defines course content, and limits the number of works of art students are required to understand (250) in order to support their in-depth learning, critical analysis skills, and discovery of connections among global artistic traditions. This approach allows students to develop a profound understanding of representative works of art from diverse cultures, including fundamental information that places these works in content and illuminates relationships among them. The course is not designed to students' memorization of isolated facts about works of art, artists, or cultures. *Description- APAH Curriculum Framework*

*College Course Equivalent: AP Art History is designed to be the equivalent of a two-semester introductory college or university art history survey course.*

## World Languages Department

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The World Languages Department regards our students as people of one world, made up of many nations, languages and cultures. Committed to the holistic development of our students and our mission to educate them to learn, lead and serve, we seek to broaden their view of the world by providing opportunities to cross boundaries, both linguistically and culturally. We acknowledge that the world, though vast and ever changing, is shrinking with the widespread use of technology, and the ease and availability of travel.

We advocate that language is the expression of culture, and that the teaching of world languages goes hand in hand with the teaching of cultural perspectives, practices, products, traditions and beliefs. We model for our students that cultural and historical knowledge affects our choices to participate in the local and world community.

We believe in the importance of a four-year program to enable our students to communicate proficiently with those whose first language is not English, both in the United States and abroad. We make every effort to recognize the dynamics of life in the 21st century, which includes the promise of unique career, service and leadership opportunities to students who are successful at becoming bilingual. We encourage the integration of various disciplines taught at Magnificat, together with the rights of all world citizens, and the themes of Catholic social justice teachings.

### 610 Spanish 1/615 French 1

9 Year

1 credit

*Prerequisite: None*

First level students will develop the skills to communicate by listening, speaking, reading and writing. They will gain knowledge and understanding of other cultures, explore the structure of language, make connections with other disciplines, and become aware of Spanish and French influence in the community.

### 616 Chinese 1

9 Year

1 credit

*Prerequisite: None*

First year students will learn to speak Mandarin Chinese, to distinguish tonal sounds, and to read and write using pinyin to transition to Chinese characters (approximately 300). Students will use the characters they learn to write sentences. They will also gain knowledge and understanding of linguistic and cultural variations of the Chinese-speaking world, and become aware of Chinese influence in the community.

### 617 Arabic 1

9 Year

1 credit

*Prerequisite: None*

First year students will learn to speak Modern Standard Arabic, read from right to left, and use the Arabic alphabet to write in cursive handwriting, which incorporates rules for connecting letters. They will gain knowledge and understanding of linguistic and cultural variations of the Arabic-speaking world, and become aware of Arabic influence in the community.

### 620 Spanish 2/625 French 2

9, 10 Year

1 credit

*Prerequisite: Successful completion of Spanish 1/French 1*

Second year students continue to develop language skills by listening, speaking, reading and writing in Spanish or French. Verb tenses, sentence structure and cultural perspectives and practices taught in the first year will be further developed. New vocabulary as well as grammatical concepts and linguistic comparisons will be introduced through a variety of communicative tasks including dialogues, compositions, creative projects, and lab practice for listening and speaking. Concepts continue to be presented in a cultural context, including geography and communities.

### **626 Chinese 2**

9, 10 *Year*

1 credit

*Prerequisite: Successful completion of Chinese 1*

Second year students continue to develop language skills by listening, speaking, reading and writing in Chinese. Verbs, sentence structure and cultural perspectives and practices taught in the first year will be further developed. Students will continue to learn pronunciation and approximately 400 additional Chinese characters. New vocabulary as well as structural concepts will be introduced through a variety of communicative tasks including writing paragraphs and dialogues, preparing creative projects, and practicing listening and speaking in the lab. Concepts continue to be presented in a cultural context, including geography and communities.

### **627 Arabic 2**

9, 10 *Year*

1 credit

*Prerequisite: Successful completion of Arabic 1*

Second year students continue to develop language skills by listening, speaking, reading and writing in Arabic. Verbs, sentence structure and cultural perspectives and practices taught in the first year will be further developed. Students will continue to learn pronunciation, and the rules for writing and connecting letters in cursive. New vocabulary as well as grammatical concepts will be introduced through a variety of communicative tasks including dialogues, creative projects, and lab practice for listening and speaking. Concepts continue to be presented in a cultural context, including geography and communities.

### **630 Spanish 3**

10, 11 *Year*

1 credit

*Prerequisite: C in 2nd year or teacher recommendation*

This third-year level language course, largely conducted in the target language, offers students an opportunity to develop a deeper understanding of language structures, greater proficiency in speaking, writing, listening and comprehension and a global awareness of the language's cultural impact in our world. Students will read and

comprehend authentic articles, cultural and historical novelettes, videos and songs, as well as familiarize themselves with current events and justice issues, to discover and make cross-cultural comparisons. Skills proficiency will be developed through student assignments targeting speaking, reading, writing and comprehension skills. The use of technology will be integrated. Student performance will be measured through assessments in vocabulary, language structures and skills-based activities such as creative projects, presentations, compositions and conversations.

### **635 French 3**

10, 11 *Year*

1 credit

*Prerequisite: C in French 2 or teacher recommendation*

This third-year level language course, largely conducted in the target language, offers students an opportunity to develop a deeper understanding of language structures, greater proficiency in speaking, writing, listening and comprehension and a global awareness of the language's cultural impact in our world. Students will study and analyze folk tales and literature, authentic films and songs, as well as familiarize themselves with current events to discover and make cross-cultural comparisons. Skills proficiency will be developed through student assignments targeting speaking, reading, writing and comprehension skills. The use of technology will be required. Student performance will be measured through assessments in vocabulary, language structures and skills-based activities such as presentations, writing compositions and current event summaries.

### **631 Honors Spanish 3/638 Honors French 3**

10, 11 *Year*

1 credit

*Prerequisite: A in French 2 or Spanish 2 (both semesters) and a teacher recommendation*

This honors-level course is a faster-paced course conducted in the target language with an emphasis on independent learning, skill development and a culture of curiosity. Students who qualify at this level will be life-long learners, motivated to set personal goals and reflect on their performance and progress. The honors-level course

## World Languages Department *continued*

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offers a more challenging workload with skills-based assessments and assignments in speaking, reading, writing, and comprehension. The use of technology will be required to develop interpersonal communication, interpretational and presentational skills. Those considering taking honors-level courses should speak to their current language teacher to determine whether their goals and proficiency levels match honors course expectations. Evidence of student proficiency is measured through student performance.

### **639 Honors Chinese 3**

10, 11 Year

1 credit

*Prerequisite: B in 2nd year or teacher recommendation*

Third year students acquire a broader and deeper understanding of language as they effectively integrate learned structures and vocabulary to further develop proficiency in listening, speaking, reading and writing. Students will continue to learn pronunciation and approximately 400 additional Chinese characters. Students will begin transitioning from traditional characters to reading and writing simplified characters where applicable. They will use the language they have learned by reading excerpts from literature, writing compositions and participating in projects and presentations.

### **639 Honors Arabic 3**

10, 11 Year

1 credit

*Prerequisite: B in 2nd year or teacher recommendation*

Third year students acquire a broader and deeper understanding of language as they effectively integrate learned structures and vocabulary to further develop proficiency in listening, speaking, reading and writing. Students will continue to learn pronunciation, and the rules for writing and connecting letters in cursive. They will use the language they have learned by reading excerpts from literature, writing compositions and participating in projects and presentations.

### **639 Honors Spanish 4**

11, 12 Year

1 credit

*Prerequisite: A in Spanish 3 or B+ in Honors 3 (both semesters) and teacher recommendation*

Spanish 4 Honors is a fast-paced Pre-AP course taught in the target language. There is great emphasis on skill development, independent learning, and a culture of curiosity. This course is devoted to the refinement of vocabulary and the practice of communicative language skills. The students will build their proficiency through cultural units with authentic materials on a wide range of topics and media such as video clips, news broadcasts, magazine articles, literature, art, and culture from different Spanish speaking countries of the world.

### **642 Spanish 4/647 French 4**

11, 12 Year

1 credit

*Prerequisite: C+ in French 3/Spanish 3 or Honors 3 or teacher recommendation*

Fourth year is an intermediate to advanced course, taught almost exclusively in the target language, in which students are expected to integrate the linguistic concepts they have learned in prior levels. The objectives of this level incorporate communication and cultural standards from the Ohio World Languages Curriculum. The courses consist of cultural units, considered within the context of the Spanish/French-speaking world, its people, literature, current events, music, arts, and media. Upon completion of the course, students will communicate in the target language at an intermediate level using interpersonal speaking and writing, interpretive listening and reading, and presentational speaking and writing.

### **658 Honors Chinese 4**

11, 12 Year

1 credit

*Prerequisite: B in Honors Chinese 3 or teacher recommendation*

Fourth year and AP Chinese students acquire a broader and deeper understanding of the Chinese language, and prepare for the AP Chinese Language Exam as they effectively integrate learned structures and vocabulary to further develop proficiency, and to continue to perfect their Chinese pronunciation and the use and recognition of Chinese characters. Students interpret written and spoken language, and express opinion and persuasion in compositions, letters and essays. They will read and listen to authentic materials, and study current events in China in order to prompt discussions and projects. They will speak extemporaneously in formal presentations as well as in spontaneous conversations.

### **659 Honors Arabic 4**

11, 12 Year

1 credit

*Prerequisite: B in Honors Arabic 3 or teacher recommendation*

Fourth year students acquire a broader and deeper understanding of the Arabic language as they effectively integrate learned structures and vocabulary to further develop competency, and to continue to perfect their Arabic pronunciation and cursive writing. Students interpret written and spoken language, and express opinion and persuasion in compositions, letters and essays. They will listen to authentic materials, read excerpts from literature, and study current events in the Arabic speaking world in order to prompt discussions, projects and presentations.

### **660 AP Spanish Language and Culture (with WE Service-Learning)**

11, 12 Year

1 credit

*Prerequisite: B+ average in Spanish 4 or A in Honors Spanish 3 and teacher recommendation*

Advanced Placement Spanish Language and Culture follows a curriculum that is approved by the College Board. It integrates Spanish language and culture through the

study of the six themes of Beauty and Esthetics, Contemporary Life, Family and Communities, Global Challenges, Personal and Public Identities, and Science and Technology. Each theme incorporates several related contexts which facilitate the teaching of interpersonal and presentational communication, interdisciplinary connections, cultural comparisons, and community participation. Students will use authentic reading, listening, and video resources as they explore the six cultural themes in context.

The course of study culminates in an AP Language and Culture Exam, and the presentation of service learning projects. The context of Poverty and Effects on Education is presented as a service learning module, written by the College Board, and approved by Magnificat. To complete the service-learning Module, students will construct, implement and present a local and a global service-learning project to benefit the Hispanic community.

### **665 AP French Language and Culture**

11, 12 Year

1 credit

*Prerequisite: B+ average in Honors French 3 and French 4 and teacher recommendation*

Students prepare for the AP French Language and Culture Exam by studying the following themes proposed by the College Board: Global Challenges, Beauty and Aesthetics, Families and Communities, Personal and Public Identity, Science and Technology, and Contemporary Life. Students work toward competency, by integrating vocabulary, grammar and culture in a variety of ways such as, writing letters and essays, and creating oral presentations and extemporaneous conversations. There is emphasis on the use of authentic French materials, which incorporate the six themes. The language laboratory is used to provide access to such materials and to give students the opportunity to listen to native speakers in a variety of settings. The lab makes it possible for students to record and correct oral work, and provides them with individualized feedback from the teacher.

## Schedule Change Protocols

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To ensure effective planning of resources, course registrations for the following year must be finalized by March. A broad whole-school approach is incorporated throughout the establishment of course sections and the creation of student schedules, using a master scheduling program. Scheduling factors such as balanced class sizes and personnel must be taken into consideration; therefore, course changes after the master schedule has been built are discouraged, and will be evaluated individually and circumstantially, according to the following stipulations:

1. Requests for scheduling considerations initiated by the student and her parent after April 8, 2020 will be assessed a \$30.00 fee.
2. Deadline for adding or dropping courses will be posted prior to the start of each semester.  
No course changes will be processed after those dates. Please note, year-long classes can only be dropped at the start of the first semester.
3. In the event of a course change, a student must follow her original schedule until officially notified by the Registrar.

Each student is required to carry 6 credits each year, including 3 credits each semester.

## Administration

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Ms. Marilyn Arundel  
Dean of Faculty and Academics  
marundel@maghs.org  
440.331-1572

Mrs. Mary Dwyer-Kueller  
Dean of Student Life and Formation  
mdwyer-kueller@maghs.org  
440.331-1572

## Counseling and Student Support

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Mr. Keith McMillin  
*Director of Counseling Department*  
*College Counselor*  
kcmillin@maghs.org  
440.331-3595

Mrs. Jennifer McQuate  
*College Counselor*  
jmcquate@maghs.org  
440.331-3595

Mrs. Jessica McCoy  
*Counselor*  
*Freshmen/Sophomores*  
jmccoy@maghs.org  
440.331-3595

Mrs. Kelly Simari  
*Counselor*  
*Freshmen/Sophomores*  
ksimari@maghs.org  
440.331-3595

Ms. Megan Sturgeon  
*College Counselor*  
msturgeon@maghs.org  
440-331-3595

Mrs. Megan Rutkowski  
*Director of Student Support Services Department,*  
*School Psychologist*  
mrutkowski@maghs.org  
440.331-3595 ext. 294