



MAGNIFICAT

2011-2012
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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MAGNIFICAT

WOMEN OF FAITH WHO SERVE, LEAD AND SUCCEED

COURSE DESCRIPTIONS SCHOOL YEAR 2011–2012

GRADUATION AND COLLEGE PREPARATORY RECOMMENDATIONS

– 25 credits are required for graduation.

– 4 credits in Theology are required in addition to the state requirement of 21 credits.

The successful completion of a Senior Genesis project is also required for graduation.

Guidelines for the project are reviewed with seniors during the first semester of senior year.

Classroom Guidance classes are required of each student.

Note: Required courses must be taken at Magnificat. Each student must carry three 3 credits each semester. A student may take 7 credits with approval from her counselor.

<i>Subject</i>	<i>Graduation Requirement</i>	<i>Ideal College Preparatory Recommendation</i>
Theology	4	—
English	4	4
Performing or Visual Art	1	1
Health/Physical Education	1	1
Mathematics	4 <i>(Beginning with Class of 2013)</i>	4
Science	3	4
Social Studies	3	3
World Language	2	4
Communication Technology	1/2	1/2
Global Communications and Research	1/2	1/2

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, but this does not mean that a student can complete any and every course in any manner the student proposes. Magnificat High School will not approve coursework or options that are inconsistent with our Mission, Values and Catholic Identity. In addition, a Credit Flexibility Plan cannot change the fundamental nature or requirements of a course. Each application filed appropriately on the school's submission form, will be acted upon by the Dean of Faculty and Academics of Magnificat High School, subsequent to consultation with a designated FlexCredit Advisory Council. The application form is available on Edline; questions should be directed to a student's counselor or the Dean of Faculty and Academics, Ms. Marilyn Arundel.



SAMPLE SCHEDULES FOR 2011–2012

RECOMMENDED COLLEGE PREPARATORY SCHEDULE

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

1. Freshman Theology
2. Performing Art or Visual Art
3. English 9 (*Honors as recommended*)
4. Math (*Algebra 1, Geometry, or Honors Geometry, as recommended*)
5. Arabic/Chinese/French/Spanish
6. Biology I (*Honors as recommended*)
7. Freshman Physical Education
8. Communication Technology
9. Global Communications and Research
10. Classroom Guidance

JUNIOR SCHEDULE

1. Theology: Morality, Life Issues
2. English 11/English core option
(*Honors English 11 as recommended*)
3. Math (*as recommended*)
4. Economics/Government
(*AP Macroeconomics/AP Government as recommended*)
5. Classroom Guidance
2-3 Electives (*must total at least 2 full credits*)

SOPHOMORE SCHEDULE

1. Sophomore Theology
2. English 10 (*Honors as recommended*)
3. Math (*as recommended*)
4. Arabic/Chinese/French/Spanish
5. World History (*AP as recommended*)
6. Health
7. Classroom Guidance
1/2 credit elective or
Second Year Physical Education

SENIOR SCHEDULE

1. Senior Theology: Comparative Religions,
Call and Vocation
2. English 12/English core option
(*AP Lit & Composition as recommended*)
3. United States History (*AP as recommended*)
4. Classroom Guidance
3-4 Electives (*must total at least 3 full credits*)

ACADEMIC RECOGNITION

Students who follow a strong academic program over 4 years may be recognized at the end of senior year with one or more of the following awards:

❖ Ohio State Board of Education Award of Merit

A Magnificat graduate qualifies for the **Ohio State Board of Education Award of Merit** by meeting the following criteria beyond the school's graduation requirements:

- Academic:*
- 3 credits in the same foreign language or 2 credits in each of 2 foreign languages
 - Outstanding achievement in curriculum as evidenced by one of the following:
 - Overall GPA of 3.25 for grades 9-12
 - Overall GPA of 3.5 for grades 11-12
- Performance:*
- Attendance above the current state average (91%) in grades 9-12
 - Participation in co-curricular, extracurricular or community activities
 - Outstanding citizenship/character according to criteria established by Magnificat High School.

❖ 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	4 credits (including Algebra I, Algebra 2, Geometry & a higher level course)
Science	4 credits (including Physics & Chemistry)
Social Studies	4 credits
World Language	3 credits (must include 3 credits of same language or 2 credits in each of 2 languages)
Electives	no elective requirement
GPA	3.5 on a 4-point scale
Composite Score	27 on ACT or 1210 on SAT

ELECTIVES 2011-2012

Course	Grade Level	Semester /Year
Personal Finance	II, I2	semester
Accounting	II, I2	semester
International Business with an Asian Focus	II, I2	semester
Entrepreneurship	II, I2	semester
Advanced Writing I, 2	II, I2	semester
Latin for College Prep	II, I2	semester
Literature & Film	II, I2	semester
Oral Communication	II, I2	semester
Transitional Algebra	II	year
Mathematical Modeling Applications	I2	year
Precalculus-Trig./ Honors Precalculus Trig.	II, I2	year
Calculus	I2	year
AP Calculus AB/BC	I2	year
AP Statistics	II, I2	year
Freshman Chorus	9	year
Class Piano (9)	9	year
Class Piano 2	IO-I2	semester
Band	9-I2	year
Drama I/ Drama 2	IO-I2	semester
String Orchestra	9-I2	year
Concert Choir	IO, II, I2	year
Select Show Choir	IO, II, I2	year
Dance I/Dance 2	IO, II, I2	semester
Choreography	II, I2	semester
Chorale	II, I2	year
Theatre Tech	II, I2	year
Earth Science	IO, II, I2	year
Environmental Science	IO, II, I2	year
Chemistry I/ Honors Chemistry	IO, II, I2	year
Chemistry in the Community	II, I2	year
Advanced Chemistry/Biology	II, I2	year
AP Biology	II, I2	year
AP Chemistry	II, I2	year
Conceptual Physics	II, I2	year
Physics/Honors Physics	II,I2	year

Course	Grade Level	Semester /Year
Human Geography	II, I2	semester
Psychology	II, I2	semester
Sociology	II, I2	semester
Art Experiences	9	year
Introduction to Studio Art	9	year
Studio Art: Drawing & Painting Beginner/Intermediate/Advanced	IO, II, I2	semester
Clayworks I, 2	IO, II, I2	semester
Graphic Design I	IO,II,I2	semester
Metals/Jewelry I, 2	II, I2	semester
Photography I, 2	II, I2	semester
Printmaking, Journaling & Bookmaking	IO,II,I2	semester
AP Art History	II, I2	year
Arabic I/Chinese I	9	year
Arabic 2/Chinese 2	9, IO	year
Arabic 3/Chinese 3	II, I2	year
French I/Spanish I	9	year
French 2/Spanish 2	9, IO	year
French 3/Spanish 3	IO, II	year
French 4/Spanish 4	II, I2	year
Spanish for Heritage Speakers	9, IO, II, I2	year
AP French/AP Spanish	II, I2	year
Independent Study in Advanced Spanish/French	I2	semester

ADDITIONAL MOD, NEW FOR 2011-2012:

The following courses will be adding an extra mod to allow for one extended class period per week. This session will meet mods 0-1-2, necessitating that the class begin one day a week at 7:50 a.m.

- Mathematics: AP Calculus AB, AP Calculus BC
- Science: AP Chemistry
- Social Studies: AP World History, AP Government, AP US History
- Visual Arts: Advanced Studio Drawing and Painting
- World Languages: AP Spanish, Spanish Independent Seminar

Please note this is not an optional mod for students enrolled in the course, and will appear on the student's schedule that will become available in August, 2011.

The theology program is essential to the mission of Magnificat and the holistic development of students in promoting the personal, spiritual, and academic growth of each student and her commitment to leadership and service and action on behalf of justice. The theology program makes unique contributions to the 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 with a special emphasis on women's ways of knowing, leading, servicing and being holy.

The theology program has a dual focus: to promote and enrich the faith dimension of each student and to enable her to apply the principles reflected upon in daily life. The knowledge, skills and values of the theology curriculum will be implemented in the light of the realities of adolescent development and the contexts and environments of our students' lives.

115 Freshman Theology

- 9 required •year
- 10 mods •1 credit

Prerequisite: None

Students reflect on the school's mission statement as well as the implications of Mary's Magnificat in their lives. Students examine their identity as whole persons made in the image of God and learn how to foster healthy relationships. They are introduced to Scripture and relate the stories from the Hebrew Scriptures to their own lives. Students also study the various models of Church, and examples of struggles and successes which resonate with their personal stories.

125 Sophomore Theology

- 10 required •year
- 10 mods •1 credit

Prerequisite: None

Students will look at the person and teachings of Jesus as presented through the Gospels. They will see the connection between the Church's teaching on Social Justice and what Jesus taught. The students will look at the issues of Social Justice that we face in our world today and better understand how one should respond in this world. As an outgrowth of a clear understanding of the implication of social justice, each second year student is required to complete a 30 hour service project.

Junior Theology:

131 Morality

- 11 required •1st semester
- 10 mods •1/2 credit

Prerequisite: None

This course begins with the question, "What does it mean to be human?" The students will explore the moral texture of the rootedness of values in the concept of identity. The students will study what factors form our individual and collective moral identity and our call to be moral agents in both our personal lives and in society. They will learn the process of sound moral decision making through an examination of key sources of Catholic beliefs, and study several models of moral development. Examination of moral issues will enable the students to apply decision-making principles to concrete situations.

133 Life Issues

- 11 required •2nd semester
- 10 mods •1/2 credit

Prerequisite: Morality

The respect for the dignity of human life and the interconnectedness of all creation inherent in Catholic teaching are central to this course. With the foundation of principles and practice in moral decision-making in the first semester, students will continue to explore what it means to be human by examining a variety of life issues, including abortion, euthanasia, eugenics, and bioethics.

Senior Theology:

140 Call and Vocation

- 12 required •semester
- 10 mods •1/2 credit

Prerequisite: None

Each student will deepen her understanding of God’s call in her life. She will explore how her identity is connected to prayer, faith, love, sexuality, and mature, healthy relationships as she studies vocations in life and women’s ways of leading, serving, and being holy. Emphasis will be placed on the necessity of prayer and spiritual practices as means of discerning positive and fulfilling paths for the future.

143 Comparative Religions

- 12 required •semester
- 10 mods •1/2 credit

Prerequisite: None

Grounded in Catholic beliefs and teachings and the evolving story of Church history, students will explore and compare the beliefs and practices of several other major religious traditions. This course will promote an appreciation of diversity as well as provide pathways for mutual understanding. The students will see how religion, ritual, and prayer play an important role in the lives of people.

BUSINESS TECHNOLOGY

The development of current technological skills and Christian values in school, at home and in the global workplace are the premises upon which the Business Technology Department is based. This training is founded upon Catholic principles, including social justice teaching and the rights of children.

The scope of student learning in the Business Technology Department encompasses economic, political, environmental, and social ideologies. Its goal is to foster in each student a sense of “responsible” use of technology—not only to learn the skills—but to use them wisely. This goal coincides with the National Catholic Education Association, “To educate students to meet the intellectual, social, and ethical challenges in living in a technological society of the 21st century.”

The ultimate goal of the Business Technology Department is to teach skills that students can use as stepping stones to their futures. Students will maintain and develop current skills as a foundation for life-long learning. Lastly, in consideration of globalization, the department believes that all students need technology skills as well as broad business knowledge to succeed in their careers.

310 Communication Technology

- 9 required • year
- 1/2 credit •10 mods/2 quarters

Prerequisite: None

Students will develop the following computer skills on a rotating basis: keyboarding, word processing, Power Point, Excel, MovieMaker and web design. Pre-tests will be administered to determine skill levels to qualify the student for a specific group. All software applications are project-based with individual instruction. Internet safety will be emphasized. Students will create an electronic portfolio. Students will cover lessons and chapters in class and will work online for specific homework assignments. Skills learned will be connected to the Global Communications and Research class. (Software: *MicroSoft Office 2010* and *Ellsworth Publishing On-line Keyboard Mastery*)

315 Modular Technology

- II, I2 required, *Class of 2012*
- semester
- I/2 credit •IO mods

Prerequisite: None

Students will develop the following computer skills on a rotating basis: keyboarding, word processing, Power Point, Excel, web design, videography. Pre-tests will be administered to determine skill levels before starting the first rotation so that students can move forward independently. Additional concepts covered include ways to troubleshoot computers, internet safety practices and internet research techniques. Students will be expected to complete various multi-level assignments and a culminating technology project requiring the application of specific skills learned in this course. (Software Utilized: *MicroSoft Office 2010, Dreamweaver*)

330 Personal Finance

- II, I2 •semester
- I/2 credit •IO mods

Prerequisite: None

Students engage in an in depth study of personal finance as it relates to them as high school students, future college students, graduates, and workers in a global economy. Topics to be covered are: improving your earning capacity, budgeting, saving, using credit wisely, managing investment and portfolio opportunities. A professional financial planner, along with the classroom teacher, will assist students in developing a personal financial portfolio throughout the semester.

335 Accounting Fundamentals with Automation

- II, I2 •semester
- I/2 credit •IO mods

Prerequisite: None

Business majors and those considering business careers are encouraged to take this course, which will cover basic accounting principles. Individualized learning of financial records and accounting systems will be emphasized. Students will learn methods of entering and manipulating accounting data into a computer system. Spreadsheet concepts will be taught through appropriate computer software related to the general areas covered in the course. Software: *MicroSoft Excel and Automated Accounting 7.0.*

360 International Business

- II, I2 •semester
- I/2 credit •IO mods

Prerequisite: None

This course will emphasize international business as it is practiced in a global economy. Basic international business concepts and skills will be discussed in order for students to become more informed 21st century workers of companies that are connected with foreign businesses throughout the world.

363 21st Century Business Entrepreneurship

- IO, II, I2 •semester
- I/2 credit •IO mods

Prerequisite: None

Students will embrace concepts of "The New Social Entrepreneurism", will study the role of entrepreneurship in the global economic recovery by examination of marketing functions that reflect the latest Marketing Standards from the Marketing Education Resource Center, and embrace topical data which will help students conduct research and demonstrate the value of research as a part of entrepreneurship. Students will complete special projects via technology and will connect with professional entrepreneurs in the greater Cleveland area.

COUNSELING DEPARTMENT

Classroom Guidance

- All required •year
- non-credit •1 mod

Prerequisite: None

Classroom Guidance is required of all students in grades 9-12. Each student attends a weekly 20 minute class where goals and objectives are presented and attained. Freshman year emphasizes high school orientation, academic planning, test-taking skills, and personal adjustment. Sophomore year begins with a continuation of test-taking skills preparing for the PSAT and OGT. The college process begins through exploration of personal strengths and career development program. The junior level begins with a more in-depth look at the college process, while continuing self-exploration and achieving success on the ACT/SAT. Emphasis is on the entire college process; in-depth interviews begin at this level. The senior program helps to guide students through the college application process and aims to provide students with skills necessary for a successful transition into college. Scheduling and course selection is geared toward academic forecasting and college selection and is addressed at all levels.

ENGLISH DEPARTMENT

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.

405 Global Communications and Research

- 9 required • year
- 1/2 credit •10 mods/2 quarters

Prerequisite: None

Students explore the fundamentals of researching, writing, and delivering effective 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 preparation of a variety of oral presentations. Students also learn the importance of verbal and nonverbal communication as they build their public speaking ability.

412 English 9

- 9 required year
- 1 credit •10 mods

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.

442 English 12

- 12 required •semester
- I/2 credit •10 mods

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
- I/2 credit •10 mods

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.

446 Women and Literature

- 12 core option •semester
- I/2 credit •10 mods

Prerequisite: None

Students explore an array of works from different cultures and genres by or about women. 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 •10 mods

Prerequisite: A or B in Honors English 11, 3.5 GPA and writing sample.

AP English is a college-level yearlong 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 Advanced Writing I

- 11,12 •semester
- I/2 credit •10 mods

Prerequisite: None

This course is designed for students with a real interest in writing. It includes work in college preparatory writing, creative writing and/or journalistic writing. Overall focus is on exploring creatively for topics and using thinking strategies to discover and develop ideas, while writing both collaboratively and independently. Students have opportunities to write for contests and publication and/or prepare a writing portfolio for college placement. (Recommended but not required in conjunction with AP Literature and Composition.)

455 Advanced Writing 2

- 11,12 •semester
- I/2 credit •10 mods

Prerequisite: Advanced Writing 1

In this extension and intensification of Advanced Writing I, the teacher works with each student to individualize instruction for application to the student's particular area(s) of interest: college preparatory writing, creative writing and/or journalistic writing. Student and teacher collaborate to construct a course of study that meets and fulfills the goals of the individual student: developing an individual style, exploring metaphorical thinking and rhetorical modes, learning by teaching, etc.

460 Oral Communications

- 11,12 •semester
- I/2 credit •10 mods

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

- II, I2
- I/2 credit
- semester
- IO mods

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.

485 Latin for College Preparation

- IO, II, I2
- I/2 credit
- semester
- IO mods

Prerequisite: None

This elective concentrates on the Latin language and its heritage in present-day academic studies. Students will cover important grammatical structures, including declensions, conjugations, and tenses. Students will build vocabulary through study of Latin roots, which are the basis for many English words.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

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, 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.

250 Freshman Physical Education

- 9 required
 - I/4 credit
 - semester
 - IO mods
- (year for students taking Chorus or instrumental music)*
(4/6 mods in alternate weeks for year-long class)

Prerequisite: None

Team sports are studied to give the student opportunities to improve physical abilities and develop a sense of good sportsmanship and fair play. The activities offered will contribute to the development of the student's endurance, flexibility, balance and general coordination. Activities presented include touch football, games unit, volleyball, floor hockey, weight training/conditioning and softball.

240 Health

- IO required
 - I/2 credit
 - semester
 - IO mods
- (year for students taking Chorus or instrumental music)*
(4/6 mods in alternate weeks for year-long class)

Sophomores 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 skills and problem solving skills and their relationship with healthful living. Examples of units presented to the students include Drugs, Alcohol, Nutrition, Sexually Transmitted Infections and Wellness.

256 Second Year Physical Education

- IO, II, I2 required
- I/4 credit
- semester
- IO mods

Individual activities are introduced and additional team sports are studied to give the student a more extensive experience with physical activities. In addition, lifetime activities are studied. This course will help the student understand the importance of committing to a lifetime of physical activity. A continued emphasis on Christian values and good sportsmanship will occur during this course. Examples of the activities presented to the students include yoga, bowling, table tennis, dance, badminton and archery.

257 Dance I (PE)

•IO,II,I2 •semester
•I/4 credit* •IO mods

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 1/2 Performing Arts credit (course # 284)

258 Dance 2 (PE)

•IO,II,I2 •semester
•I/4 credit * •IO mods

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 1/2 Performing Arts credit (course # 285)

MATHEMATICS DEPARTMENT

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.

**Please note that the following Mathematics offerings will have 11 mods of class time, and will begin one day per week at 7:50 am: AP Calculus AB, AP Calculus BC Attendance for this additional early mod is not optional for students.*

505 Algebra I

•9 required •year
•I credit •IO mods

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.

525 Geometry

•9, IO required •year
•I credit •IO mods

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, IO •year
•I credit •IO mods

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

•II •year
• I credit •IO mods

Prerequisite: Recommendation

Students review and deepen their understanding of concepts learned in Algebra I and Geometry. They learn how to solve a variety of equations, find equations of lines and graph equations. Students examine functions and use graphing calculators to improve mathematical understanding and problem-solving skills.

538 Algebra 2

•IO, II, I2 required •year
 I credit •IO mods

Prerequisite: Algebra 1 or Transitional Algebra

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 matrices and conic sections.

536 Honors Algebra 2

•IO, II •year
 •I credit •IO mods

Prerequisite: B in Honors Geometry

Students solve and graph quadratic equations, absolute value equations, and systems of linear inequalities. They use matrices for problem-solving and functions for describing, analyzing and organizing real-life information. They evaluate and simplify expressions involving rational and negative exponents, as well as radicals. They analyze and graph the conic sections and review right triangle trigonometry.

540 Mathematical Modeling & Applications

•II, I2 •year
 •I credit •IO mods

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. Co-ordinate 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

•IO, II, I2 •year
 •I credit •IO mods

Prerequisite: B in Honors Algebra 2

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

•II, I2 •year
 •I credit •IO mods

Prerequisite: C in Algebra 2 or Math Applications

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

•I2 •year
 •I credit •IO mods

Prerequisite: B in Precalculus

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

•I2 •year
 •I credit •II mods*

Prerequisite: 80% in Honors Precalculus

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.

565 AP Calculus BC

•I2 •year
 •I credit •II mods*

Prerequisite: 95% in Honors Precalculus 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

- II, I2 •year
- I credit •10 mods

Prerequisite: B in Honors Algebra 2 or B in Algebra 2 and recommendation

Students focus on statistical concepts and problem solving. They explore data, plan a study, anticipate patterns 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

The Performing Arts Department encompasses choral, instrumental, drama, and dance modes of performance. The various facets of the program are mutually enriching. The department values the arts as unique ways to develop a student holistically. The Performing Arts program enables student’s abilities to use music, dance, and drama to bring about a personal, spiritual, and academic growth that contributes to a holistic development. The Performing Arts program helps each student to be the best that she can be, and offers her multiple opportunities to develop according to her potential.

272 Freshman Chorus

- 9 •year
- 1/2 credit •6 mods

Prerequisite: None

Freshmen are introduced to basic vocal skills and techniques for performing in a choral group. Selections consist of a variety of two and three part harmony. Students are also introduced to basic music theory and sight singing concepts.

278 Concert Choir

- IO, II, I2 •year
- 1/2 credit •6 mods

Prerequisite: None

Students are introduced to basic vocal skills and techniques for performing in a choral group. Selections consist of a variety of two and three part harmony. Students continue in music theory and sight singing concepts.

280 Chorale

- II, I2 •year
- I credit •10 mods

Prerequisite: Audition and 1 year choir experience

Continued development of vocal skills takes place along with the performance of more challenging musical selections. Greater emphasis is placed on blending, balancing and tuning of the Chorale. Music includes three and four-part harmony reflecting many styles. The Chorale occasionally performs outside of the school for community events.

290 Select Show Choir

- IO, II, I2 •year
- 1/4-1/2 credit •3-5 mods

Prerequisite: Audition & membership in Concert Choir or Chorale

Show Choir provides a special opportunity to combine movement, rhythmic skills and vocal skills. Special performance opportunities include luncheons, banquets and community events.

**After-school rehearsals once a week on Thursday from 3:30-5pm are required.*

284 Dance I

- IO, II, I2 •semester
- 1/2 credit * •10 mods

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 1/4 P. E. credit (course # 257)*

285 Dance 2

•IO,II,I2 •semester
 •I/2 credit* •IO mods

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 1/4 P. E. Credit (course # 258)

286 Choreography

•II,I2 •semester
 •I/2 credit •IO mods

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.

292 Band

•All •year
 •I/2 credit •6 mods/4 mods

Prerequisite: 1 year playing experience

Band is open to woodwinds, brass, and percussion instrumentalists. Students are introduced to music from all periods and styles. The band will participate in many school activities, such as assemblies and field trips.

293 String Orchestra

•all •year
 •I/2 credit •6 mods/4 mods

Prerequisite: 1 year playing experience with string instrument

Students are encouraged to develop their musical skills through performance. Music selections consist of a variety of styles in different types of orchestration. Students will develop the music theory and sight reading skills needed for performance.

294 Class Piano

• IO, II, I2 •semester
 •I/2 credit •IO mods

This is an introductory piano class for beginners only. Students will learn the basic skills for playing the piano as well as the music theory involved in reading music for performance. Students will also be able to create their own music while learning the mechanics of the instrument.

295 Class Piano (9)

• 9 • year
 •I/2 credit •6 mods

This is an introductory piano class for beginners only. Students will learn the basic skills for playing the piano as well as the music theory involved in reading music for performance. Students will also be able to create their own music while learning the mechanics of the instrument.

296 Class Piano 2

•IO, II, I2 •semester
 •I.2 credit •IO mods

This piano class is a continuation of the piano skills learned from the first course. Students will continue to learn the skills for playing the piano as well as the music theory involved in reading music for a higher level of performance. Students will be challenged to play more technical and difficult styles of music as well as be able to continue developing their own musical style and point of view.

300 Drama I

• IO, II, I2 •semester
 •I/2 credit •IO mods

Prerequisite: None

Students become familiar with stage directions, acting terminology, nonverbal communication and improvisation. They gain experience by performing monologues, dialogues, pantomimes, and improvisational activities. Daily participation, creativity and memorization are required in this course.

301 Drama 2

•IO,II,I2 •semester
 •I/2 credit •IO mods

Prerequisite: Drama 1

Students in this performance-based class explore many aspects of theatre including its history, character analysis, characterization through voice and body, pantomime and improvisation. They build on performance skills through a variety of methods including monologues, short scenes, and one act plays. Daily participation, creativity and memorization are required in this course.

302 Theatre Tech

• II,I2 •year
 •I credit •IO mods

Prerequisite: None

Students discover the variety of behind the scenes theatre involvement. Research and hands on projects with regard to set design, construction, properties, scenic artwork, costuming, hair design, make up design, sound and light design are all options to explore within this course. Students will produce work that will be utilized in our school productions.

SCIENCE DEPARTMENT

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.

Please note that AP Chemistry will have 12 mods of class time, and will begin one day per week at 7:50 am. Attendance for this additional early mod is not optional for students.

710 Biology I

•9 required •year
 •I credit •II mods

Prerequisite:None

Biology I provides a multitude of pathways to explore and understand the fundamental concepts and processes of life science. The six recurrent themes include: unity within diversity, evolution, energy, systems and interactions, and the nature of science. Biolabs, minilabs and critical thinking labs complement other skill-oriented exercises to help students develop higher-order thinking processes. Homework averages 20 to 30 minutes per night.

715 Honors Biology

•9 •year
 •I credit •II mods

Prerequisite: Recommendation

The student will be more challenged by the depth pace of this course. Honors Biology will cover the topics included in a general biology course in greater depth using the molecular approach. Additional topics will be included. Emphasis will be placed on laboratory investigation with strategies to foster inquiry and problem analysis. Additional outside readings will be required. Homework should average 30 - 45 minutes per night.

720 Earth Science

- IO,II,I2 • year
- I credit •II mods

Prerequisite: Biology

Students will acquire an understanding of the inter-relationships between astronomy, oceanography, meteorology and geology. Students will develop their creative and critical thinking skills in a wide variety of activities that include individual research, laboratories and field trips that focus on local resources. Homework averages 30 minutes per night.

725 Environmental Science

- IO,II,I2 • year
- I credit •II mods

Prerequisites: C in Honors Biology or 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, including national and global perspectives. It links many scientific disciplines with emphasis on physical and biological principles. Students should expect 30-45 minutes of homework per night with additional independent projects.

735 Chemistry I

- IO,II,I2 • year
- I credit •II mods

Prerequisites:

Sophomores: B in Algebra 1, B in Biology 1, 3.1 GPA;

Juniors and Seniors: 2.5 GPA; must be taking or have taken Alg 2.

The student will develop a fundamental understanding of the following: matter and change, basic concepts of atomic theory, knowledge of the periodic table, chemical calculations and chemical reactions. Laboratory investigations enhance the student's knowledge of the subject by hands-on activities. Students will be prepared to begin the first year of Chemistry at the college level after successfully completing this course. The student will be expected to do an average of 30 minutes of homework per night. This course does not meet the prerequisites for Advanced Placement Chemistry or Biology.

740 Honors Chemistry

- IO,II,I2 • year
- I credit •II mods

Prerequisites: Sophomores: B in Honors Biology for both semesters, and concurrent enrollment in an Honors Math course

Juniors and Seniors: 3.0 science and mathematics

GPA; must be taking or have taken Honors Algebra 2.

In this course, the student will be more challenged by the depth and pace of the course. The student will have the same proficiencies at the end of the course as the Chemistry I student, but will also have greater depth of understanding and will have had an introduction to other topics not covered in Chemistry I. Hands-on activities in the laboratory are an integral part of learning these concepts. Students must be highly proficient in Algebra in order to keep pace with the level of problem solving done in this class. The student will be expected to perform an average of 45 minutes of homework per night. Any student interested in pursuing a career in the physical sciences, medicine, nursing, veterinary medicine, physical therapy or engineering should consider taking this course. This course is a prerequisite for Advanced Placement Biology or Advanced Placement Chemistry.

730 ChemCom

- II,I2 •year
- I credit •II mods

Prerequisites: Biology and recommendation of counselor

Chemistry in the Community (ChemCom) is designed primarily for college-bound high school students who do not plan to pursue careers in science. It emphasizes the impact of chemistry on society by addressing chemistry-related technological issues that are relevant to the community and society in which the student lives. Students learn chemical facts and concepts as they need them to understand the societal issues addressed in the course. This course does not meet the prerequisite for AP Chemistry, AP Biology, or Selected Topics. Students should expect 30 minutes of homework per night.

737 Selected Topics In Advanced Chemistry/Biology

•II, I2 •year
•I credit •II mods

Prerequisites: C in Chemistry 1

Students use college texts for more in-depth study of various topics introduced in Biology I and Chemistry I and for the study of new topics in both areas. Students will become familiar with the concepts of chemical calculations, gas laws, solutions, acids and bases, oxidation-reduction, biochemistry of foods and the anatomy and physiology of human body systems. Dissecting techniques and advanced laboratory techniques will be developed in this course. This is a one year science course designed for students interested in additional chemistry and biology concepts. Students should expect to average 30 to 45 minutes of homework per night. Students completing this course do not have the option to enroll in AP Chemistry.

742 AP Chemistry

•II, I2 •year
• I credit •I2 mods*

Prerequisites: B in Honors Chemistry and recommendation of Honors Chemistry teacher

Advanced Placement Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students in this course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. Students will develop their abilities to think clearly and to express ideas orally and in writing with clarity and logic. Students should expect to average 60 minutes of homework per night.

745 AP Biology

•II, I2 •year
•I credit •II mods

Prerequisites: B in Honors Chemistry

The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Students will acquire factual knowledge and develop analytical thinking skills necessary to deal critically with the rapidly changing science of biology. 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. Homework should average 60 minutes per night.

750 Physics

•II, I2 •year
•I credit •II mods

Prerequisites: B in Algebra 2 or in Honors Algebra 2 and must be currently taking or have taken precalculus/Trigonometry

Student learning will focus on the studies of kinematics, dynamics and electricity. Students will be expected to actively participate in weekly laboratory investigations, which will be an integral part of the course. Students will develop both problem solving and analytical thinking skills. This course is recommended for any student expecting to major in engineering, pre-med., chemistry, biology or other technical fields. Students should expect to average 45 minutes of homework per night.

753 Conceptual Physics

•II, I2 •year
•I credit •IO mods

Prerequisites: 2 years of science

Conceptual Physics is a descriptive course designed primarily for the college-bound students who do not plan to pursue careers in science. Students will learn the basic laws and principles of Physics and become aware of how they can be experienced or demonstrated. It challenges students to appreciate and differentiate among major scientific ideas and emphasizes qualitative rather than quantitative analysis.

755 Honors Physics

•II, I2 •year
•I credit •II mods

Prerequisites: B in Honors Algebra 2 for both semesters and must be currently taking or have taken Honors Precalculus/Trigonometry

Students who opt to take this challenging course will conduct more in-depth mathematical and theoretical analysis of principles and laboratory data than is done in regular Physics. A college level textbook is used in the course and there will be additional topics which are not included in regular physics, such as angular motion and static equilibrium. Students must be highly proficient in Algebra and Trigonometry in order to keep pace with the level of problem solving done in the course. Students should maintain at least a 3.0 GPA to consider this course, and should expect to average 60 minutes of homework per night.

SOCIAL STUDIES DEPARTMENT

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.

**Please note that the following Social Studies offerings will have 11 mods of class time, and will begin one day per week at 7:50 am: AP World History, AP Government, AP US History. Attendance for this additional early mod is not optional for students.*

820 World History

•IO required •year
•I credit •IO mods

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

•IO •year
•I credit •II mods*

Prerequisite: A or B in Honors Freshman English or A in Freshman English

The equivalent of a full year introductory college survey course, AP World History provides students with the opportunity to develop a greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. The course takes in important common trends such

as trade, religion, politics, society, intellectual development, gender structure and technology. Students study how these trends have either remained the same or have changed over time in different areas of the world. Students also enhance their analytical abilities and critical thinking skills by reading and interpreting primary sources in order to understand historical and geographical content.

830 Economics

•II required •semester
•I/2 credit •IO mods

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

•II •2nd semester
•I/2 credit •IO mods

Prerequisite: A in AP World History and A or B in Honors level math taken as a sophomore or A in academic level math. A student with a B in AP World History or A in World History may qualify with a recommendation from her social Studies teacher.

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. A strong emphasis will be placed on student construction and analysis of graphs to explain economic concepts. Students are required to purchase a workbook.

835 Government

•II required •semester
•I/2 credit •IO mods

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.

837 AP Government

- II
- 2nd semester
- I/2 credit
- II mods*

Prerequisite: A or B in AP World History and AP World History teacher recommendation

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

- I2 required
- year
- I credit
- IO mods

Prerequisite: None

United States History is a survey course designed to trace the development of contemporary America from the colonial period. The course addresses foreign policy as well as domestic developments. During the year, assignments require the student to further develop research skills while becoming more familiar with primary and secondary sources.

845 AP United States History

- I2
- year
- I credit
- II mods*

Prerequisite: A or B in AP World History; A in World History

Advanced Placement United States History “is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials of United States History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance and to weigh the evidence and interpretations presented

in historical scholarship.” Skills are developed that are necessary “to arrive at conclusions on the basis of an informed judgment and to present reasons clearly and persuasively in essay format.” (*The College Board, United States History: Course Description, May 2004, 3*).

850 Psychology

- II, I2
- semester
- I/2 credit
- IO mods

Prerequisite: 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. Discover new ways of looking at and interpreting your behavior as well as that of others.

855 Sociology

- II, I2
- semester
- I/2 credit
- IO mods

Prerequisite: 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

- II, I2
- semester
- I/2 credit
- IO mods

Prerequisite: World History

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*)

showcase her own translation of thoughts and experiences into her unique visual expression through the compilation of her own cumulative portfolio which will showcase her personal style. Her own creative voice will grow and be strengthened through the studio community created. The multiple experiences will encourage new insights and inquiry through peer support and class critiques.

220 Graphic Design I

- IO, II, I2
- semester
- I/2 credit
- IO mods

An art class that opens the doors to the 21st century bringing today's technology into the art classroom! Graphic Design I is a project based course that will introduce students to visual communication skills in print production and graphic design, using design software by Adobe. Students will learn the design software in order to develop skills using, color, type, print, photography, illustrating, and other techniques in graphic design. A study of the history of graphic design, as well as formal and informal class critiques, will provide students with models for their own artistic and creative identity in viewing the works of the masters as well as each other. Students will create projects that may include layout and design of magazine covers, book or album covers, newsletters, product packaging, logos, posters, event tickets, business cards, and other print media. Students will develop a new appreciation for the art they see in their everyday lives that maybe they would never have noticed before this course!

217 Printmaking, Journaling & Bookmaking

- IO, II, I2
- semester
- I/2 credit
- IO mods

This course is for the student who wishes to be creative and learn new techniques in expressing her visual and literal thoughts and feelings. This course will enlist the art-making approaches of printmaking, journaling and bookbinding to explore creative communication. Through printmaking, we will be using our new printing press to make multiple copies of your art so you can share it with others. The journaling portion of the course will consist of free and directed individual, personalized creative journaling that incorporates your sketches and images. The bookbinding portion stresses unique ways to showcase your prints and journaling. This can all be self-revelatory!

225 Photography I

- II, I2
- semester
- I/2 credit
- IO mods

Prerequisite: None

This course introduces the student to knowledge of both 35 mm and digital photography. Because students will concentrate on understanding 35 mm camera controls and learning darkroom procedures, a 35 mm camera will be available for her use. A study of the masters of photography will provide students with models for their own artistic and creative use of the camera. Students will design and produce an artistic digital production integrating the elements and principles of design and creative/critical problem solving. Students will correlate a sequence of visual images with audio components.

226 Photography 2

- II, I2
- semester
- I/2 credit
- IO mods

Prerequisite: Photography 1

Students focus on and become more proficient in a particular area of interest, such as portraits, nature or structure in architecture. A greater stress will be placed on traditional chemical developments and 35mm photography. School owned cameras will be available for students to sign out for homework shooting assignments.

233 Clayworks I

- IO, II, I2
- semester
- I/2 credit
- IO mods

Prerequisite: None

Students will make a variety of clay vessels using the pinch, coil and slab methods. Special attention will be given to the clay's surface through imprinting, glaze selection, etc. The focus of this course is on hand building techniques and craftsmanship. Projects may include vases, Japanese tea bowls, rattles, mugs, pockets and a variety of other 3-dimensional artworks.

237 Clayworks 2

•II, I2 •semester
 •I/2 credit •IO mods

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/Jewelry I

•II, I2 •semester
 •I/2 credit •IO mods

Prerequisite: None

Students will learn the basic principles used to create objects of adornment, which has been done since the beginning of time. They will create their own "One of a Kind" pieces of jewelry, such as rings, pendants, bracelets, and earrings. They will learn the basics of metal-smithing and beading. Language and tools unique to jewelry will be introduced as students work toward growing in craftsmanship and design.

232 Metals/Jewelry 2

•II, I2 •semester
 •I/2 credit •IO mods

Prerequisite: Metals/Jewelry 1

Students will be given assignments that build upon the foundational experiences of Metals/Jewelry I. 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

•II, I2 •year
 •I credit •IO mods

Prerequisite: None

The student will increase her appreciation and love of art by delving into the wonderful and diverse creations of other human beings. Experiences in this course will help each student deepen her understanding of how people express themselves through images. This is a survey course of the history of art. Since art is a history of the society that produced it, the student will learn relationships between art and culture: economics, entertainment, religion, politics, and other interdisciplinary relationships.

The World Language Department regards our students as people of one world, made up of many nations, languages and cultures. Committed to the development of our students' personal, spiritual and academic growth, we seek to broaden their view of the world by providing opportunities to cross boundaries and open doors, both linguistically and culturally. We believe that through the study of a second language, students make comparisons to better understand their first language.

We acknowledge that the world, though vast and ever changing, is shrinking with the widespread use of electronic communication, and the ease and availability of travel. We advocate that language as the expression of culture, and that the teaching of language goes hand in hand with the teaching of cultural perspectives, practices, products, traditions and beliefs.

We believe in the importance of a four-year program to enable our students to communicate with those whose first language is not English. We value the ability to communicate in any language, both in the United States and abroad. We appreciate the importance of learning a world language by using that language in and outside of the classroom as much as possible.

We make every effort to recognize the dynamics of life in the 21st century, which include the promise of unique career, service and leadership opportunities to students who may become bilingual. We encourage the interconnectedness of the various disciplines taught at Magnificat, together with the rights of all world citizens, and the themes of Catholic Social Justice teachings.

**Please note that AP Spanish and Independent Study in Adv. Spanish will have 11 mods of class time, and will begin one day per week at 7:50 am. Attendance for this additional early mod is not optional for students.*

610 Spanish I / 615 French I

•9 •year
• I credit •10 mods

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 I

•9 •year
•I credit •10 mods

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 I

•9 •year
•I credit •10 mods

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, IO •year
•I credit •IO mods

Prerequisite: Successful completion of French 1/Spanish 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.

627 Arabic 2

•9, IO •year
•I credit •IO mods

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.

626 Chinese 2

•9, IO •year
•I credit •IO mods

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.

630 Spanish 3 / 635 French 3

•IO, II •year
•I credit •IO mods

Prerequisite: C average in 2nd year and 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 use the language they have learned by reading excerpts from literature, writing compositions and participating in projects and presentations.

631 Spanish for Heritage Speakers

•9, IO, II, I2 •year
•I credit •IO mods

This is a class designed for students who enter into Spanish study already able to speak Spanish fluently because of their cultural environment and background. Students in this class will be taught the skills they are typically deficient in, such as presentational speaking, interpretive and inferential reading, listening for critical meaning and use of enriched and formal vocabulary. The needs of the students will drive the units of study in conjunction with the curriculum for Spanish I, 2 and 3. Students will learn language using an integrated and holistic approach to take them from their personal skill level to one which is high enough to continue in Spanish 4 or AP Spanish.

636 Chinese 3

•IO, II •year
•I credit •IO mods

Prerequisite: C average in 2nd year and 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.

637 Arabic 3

- IO, II
- year
- I credit
- IO mods

Prerequisite: C average in 2nd year and 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.

642 Spanish 4 / 647 French 4

- II, I2
- year
- I credit
- IO mods

Prerequisite: B average in 3rd year and teacher recommendation

French 4/Spanish 4 offers students the challenge of advanced foreign language study in the areas of literature, conversation and written expression. Previously learned grammatical structures are enhanced and further developed. Increased opportunities for cultural exploration are incorporated.

652 Independent Study in Advanced Spanish/French

- I2
- semester
- 1/2 credit
- II mods*

Prerequisites: Spanish 4 or AP Spanish or AP French

This course is designed for students who have completed four years of Spanish or French before their senior year. Students will explore language, literature and select topics by theme. Themes will be agreed upon based on the interests and needs of the students. Assignments and assessments will be individualized. The inspiration, ingenuity, and personal learning style of each student will be considered.

660 AP Spanish

- II, I2
- year
- I credit
- II mods*

Prerequisite: 3.5 average in Spanish 3 and teacher recommendation

Students prepare for the Advanced Placement Exam by working toward competency in the integration of learned structures, and listening, speaking, reading and writing skills. Students communicate on a variety of topics in formal and informal settings. There is an emphasis on the use of authentic materials, offering students the opportunity to listen to native speakers, read literary works, and explore written, audio and video sources on the Internet. The language laboratory is key in providing students Spanish language resources, varied practice, and the capability to record and evaluate their progress.

665 AP French

- II, I2
- year
- I credit
- IO mods

Prerequisite: 3.0 average in French 3 and teacher recommendation

This advanced French course combines French 4 and AP French. Students prepare for the AP French Language Exam by working toward competency in listening, speaking, reading and writing. They do a complete study of French grammar so that they can correctly use the language in speaking and writing. They learn additional vocabulary and practice using the language in a variety of settings. There is emphasis on the use of authentic materials, which provide practice in listening, and reading and which provide a basis for conversation and discussion. The language laboratory is used to provide access to authentic materials and to give students an opportunity to listen to native speakers in a variety of settings. The lab also allows students to record and correct their own oral work and gives students individualized feedback from the teacher.

SCHEDULE CHANGES

Scheduling procedures are carried out with great detail and care to ensure maximum support of student learning and success in the light of the total program. Student course registration is finalized in March in order to plan resources effectively. Considerations of scheduling factors including balance of class sizes, course enrollments, unscheduled time, staff assignments, and time spent in counseling procedures make requests for changes in courses an extraordinary exception. All such requests will be evaluated according to the following stipulations.

1. Requests for schedule changes for first semester and year-long courses must be initiated no later than September 2, 2011. NO COURSES WILL BE DROPPED AFTER THIS DATE. (This is the only time when year-long courses may be dropped or changed.) Requests for second semester course changes must be made no later than January 20, 2012. NO CHANGES AFTER THIS DATE.
2. Requests for scheduling considerations initiated by the student and her parent after April 1 require a \$30.00 fee.
3. Schedule changes will be considered if and only if the student meets the prerequisites for the course requested.
4. No course may be approved for addition to a student's schedule if it conflicts with already assigned classes or negatively impacts class sizes.
5. Each student must carry 6 credits each year, including 3 credits each semester. Seniors must fulfill graduation requirements.
6. Scheduling requests involving course section and teacher changes will not be honored since teacher assignments and length of school day (8:15-3:05) are unalterable factors.
7. Our scheduling system does not allow students selecting semester courses to choose which semester they want to take the course.
8. A student must follow her original schedule until she is officially notified of the change by receiving a new schedule from Counseling.
9. A teacher must have received an official written notice from Student Information Services before admitting a student to class.

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