

Program of Studies 2020-2021



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VISITATION ACADEMY OF ST. LOUIS, INC. - STATEMENT OF PHILOSOPHY

Visitation Academy is a private Catholic school that provides exceptional commitment to educating the minds and hearts of young women in the Visitation Salesian Tradition.

The Academy offers four programs that challenge students to be confident, curious, and creative: a well-established co-ed Montessori program for ages 2-5; a strong foundation for girls in grades 1-5; an excellent middle school environment for young women in grades 6-8; and an outstanding college preparatory high school program that inspires life-long learning.

Sponsored by the Sisters of the Visitation since 1833, the Academy expresses the spirituality of Visitation's founders, St. Francis de Sales and St. Jane de Chantal. These saints encourage us to "Live Jesus" with optimism, gentleness, humility, joy, and inner freedom. The mission of the Academy mirrors Mary's visitation to Elizabeth: her acceptance of Jesus in her own life and her commitment to carry Him to others.

This receiving and sharing of Jesus is our model as a faith community that calls students to realize their unique potential and to develop self-discipline rooted in inner strength and gentleness.

Through curricular and extracurricular activities and example, we provide opportunities that promote spirituality and service, critical thinking and scholarship, leadership and integrity, and responsibility and respect for life and the environment. As members of the Visitation community, we, the administration, faculty and staff, help the students and each other develop as integrated persons embodying Christian values.

VISITATION ACADEMY OF ST. LOUIS, INC. – STATEMENT OF OBJECTIVES

We encourage the student to be a person who values Salesian spirituality and integrity by:

- "Living Jesus" through the practice of Salesian virtues.
- learning about Visitation history and charism;
- responding to Scripture and tradition as manifestations of God's relationship to us;
- engaging in private prayer and community worship;
- translating Christian love into action through apostolic work.

We encourage the student to be a person who values critical thinking and scholarship by:

- cultivating a love for learning;
- participating in a college preparatory liberal arts curriculum;
- expanding her powers of independent thinking;
- appreciating a variety of aesthetic experiences;
- interacting with current technology;
- developing and using her skills and knowledge for the betterment of her community.

We encourage the student to be a person who values leadership and service by:

- being a woman of character and self-discipline;
- realizing her rights and responsibilities to others as one open to and respectful of varying viewpoints;
- involving herself as an active member of the Visitation family;
- committing herself as a faithful member of the Church;
- participating in the global community as one willing to assume a critical and responsive role.

We encourage the student to be a person who values life and the environment by:

- having a healthy respect for all God's creation;
- cherishing human life in all its stages;
- taking part in a variety of physical activities to build habits of fitness;
- being a guardian and caretaker of the environment.

PORTRAIT OF A GRADUATE

A Visitation graduate strives to integrate Salesian principles into every aspect of her life and to embrace each member of God's creation as Mary greeted Elizabeth - with profound respect and love.

In a life centered in Christ, a Visitation graduate

1. Lives Jesus and acts on the basis of truthful convictions, as an honest person worthy of trust
2. Understands, witnesses, and articulates the Salesian virtues of humility, gentleness, freedom, joy, and optimism
3. Pursues a life that embodies our motto Live + Jesus, which balances mind, body, and spirit
4. Shows respect for herself and all God's creation
5. Responds to God's presence in her life and shares God's love through prayer and service
6. Interacts with others in a way that reflects the relationship between Mary and Elizabeth in the Visitation

In a life devoted to the love of learning, upon the completion of a challenging college preparatory curriculum, a Visitation graduate

1. Applies critical thinking skills in both written and oral form, which facilitates analysis, logical reasoning, and articulate communication
2. Seeks experiences that stimulate intellectual curiosity and encourage life-long learning
3. Responds to challenges in an adaptable, informed, and spiritually grounded manner
4. Possesses the strength to think and act independently and ethically
5. Demonstrates a mastery of problem-solving techniques that allow her to analyze, synthesize, and evaluate effectively

In a life centered upon community building and leadership, a Visitation graduate

1. Identifies and uses unique leadership skills as she seeks opportunities to model her faith and to serve her local and global community
2. Responds to leadership challenges in a fashion that fosters collaboration, unity, and respect for each individual
3. Devises strategies to meet new challenges

In a life that promotes personal growth, balance, and respect for all creation, a Visitation graduate

1. Acts as a "gentle presence in a violent world"
2. Pursues spiritual renewal and enriching experiences
3. Shows an openness toward and an appreciation for diverse religious traditions and cultures
4. Seeks experiences that promote awareness of and appreciation for the arts, humanities, and living a healthy lifestyle

GRADUATION REQUIREMENTS

- A total of 28 credits including specific requirements listed below.
- Successful completion of the service component as outlined on page 43.
 - Participate in 4 meaningful service events
 - Complete 50 dedicated service hours to a single agency
 - Complete a social issue analysis related to the agency

The minimum number of credits in each of the subject areas is as follows:

Computer Science	.5 credit
English	4.0 credits
Fine and Performing Arts	1.5 credits
Health & Wellness	1.5 credit
Mathematics	4.0 credits
Modern & Classical Languages	2.0credits
Science	3.0 credits
Social Studies	3.0 credits
Theology	4.0 credits
Electives	4.5 credits

(Any course beyond a requirement is considered an elective.)

While most students are enrolled in 7 credits per year, students at all grade levels 9-12 are required to take a minimum of 6 credits per year.

COURSE SELECTION PROCEDURE

- Students and parents should study carefully the requirements and the course descriptions each year.
- Be aware of the entrance requirements of the colleges to which she may be considering
- Four credits in core subject areas: math, science, social studies, English and Modern and Classical Languages are encouraged each year
- Each January/February, teachers of elective and advanced courses discuss these courses with prospective students in class settings.
- Students complete course selections with their counselors prior to Spring Break according to a process specific to each grade level.
- During individual course selection appointments with their counselor, students will discuss their course options, departmental recommendations and pre-approvals for advanced courses.
- If a student wishes to appeal the recommended departmental placement, the appeal process must be followed. The appeal process begins with a student contacting her counselor to obtain an appeal form. The appeal form must be completed and returned to her counselor by the stated deadline.
- Students are responsible for discussing her prospective course selections with parents throughout the process. Parents will review and approve course selections entered by counselors via the portal.

The Academy will make every effort to place each student in the courses she has requested by designated deadlines. However, course offerings are contingent upon enrollment, and scheduling conflicts sometimes occur. For these reasons, students in the upper grades must select at least one alternate course for each elective course. Alternates should be chosen with as much care as first choice courses.

COLLEGE LEVEL CLASSES

The College Board AP Program

- Course follows an established curriculum by The College Board.
 - Student must pay for and take the end of course exam to earn the opportunity for college credit.
 - Any high school student can sit for an AP exam regardless of grade level.
 - College policies vary regarding AP credit.
 - Example 1: College grants college credit for a passing score (3 or higher)
 - Example 2: College grants college credit only for higher scores. (4 or 5)
 - Example 3: College does not grant college credit for AP classes.
- * *Be aware that some colleges/universities restrict college credit according to major.*

Link to college AP credit policies: <http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp>

The SLU 1818 College Credit Program

- Course follows St. Louis University's curriculum. SLU college class taught on high school campus.
 - Limited to 11th and 12th grade. 10th graders are eligible with an 80% cumulative GPA and parent permission.
 - Students pay a discounted tuition rate, historically \$65/credit hour, for the opportunity to earn college credit.
 - St. Louis University credit awarded for successful class completion.
 - Students choosing SLU 1818 credit have an official St. Louis University college transcript.
 - College policies vary– Students must contact individual colleges to understand if SLU credit is accepted.
 - Institutions reported as accepting SLU credit: <https://www.slu.edu/1818/transfer-credits.php>
- * *Be aware some colleges restrict college credit according to major.*

Visitation Course Descriptions

AP/CC:	College Board and St. Louis University Curriculum
AP:	College Board Curriculum
CC:	St. Louis University Curriculum

COLLEGE LEVEL COURSES OFFERED**SLU 1818
COLLEGE
CREDIT****ADVANCED
PLACEMENT****COMPUTER SCIENCE:**

AP/CC COMPUTER SCIENCE

X**X**

AP/CC COMPUTER SCIENCE PRINCIPLES

X**X****ENGLISH**

CC AMERICAN LITERATURE

X

CC ENGLISH

X

AP/CC ENGLISH LITERATURE

X**X****FINE ARTS:**

AP STUDIO ART

X**MODERN LANGUAGES:**

CC FRENCH IV

X

CC SPANISH IV

X

AP/CC FRENCH LANGUAGE

X**X**

AP/CC SPANISH LANGUAGE

X**X**

AP LATIN

MATHEMATICS:

CC CALCULUS

X

AP/CC CALCULUS AB

X**X**

AP/CC CALCULUS BC

X**X**

AP STATISTICS

X**SCIENCE:**

AP/CC BIOLOGY

X**X**

AP/CC CHEMISTRY

X**X**

AP PHYSICS

X**SOCIAL STUDIES:**

AP/CC EUROPEAN HISTORY (Sophomores or Seniors)

X**X**

AP/CC AMERICAN HISTORY (Juniors)

X**X**

CC PSYCHOLOGY

X**THEOLOGY:**

CC THEOLOGY

X

**College Credit courses taken through the St. Louis University 1818 Program
\$65 per credit hour (i.e., a 3-credit hour course cost is 3 x \$65 = \$195.)**

Advanced Placement Exam is \$96 per test.

Fees listed represent cost for the 2019-20 School Year.

STUDENT-INITIATED COURSE CHANGES/WITHDRAWAL/ADD POLICIES AND PROCEDURES

- The student must meet with her counselor to discuss the request and review the student's academic record to assess whether the requested course change will negatively impact the student's academic program, progress toward graduation requirements or college plans.
- For courses in progress or full year classes, the student must meet with the teacher in the course being dropped, and have required forms signed by the counselor, parents and the teacher(s) before submitting to the assistant Upper School principal or Upper School principal for final approval.
- Course changes are rare and require that all parties involved have discussed the situation as indicated on the required form.
- Student/parent requests for a specific teacher cannot be honored.
- Changes in levels will be made only with departmental approval.
- Failure to attend class or complete work does not constitute an authorized withdrawal.
- Students cannot add, change, withdraw or transfer sections after the first two weeks of a course, without withdrawal status indicated (see below): (Exceptions may be made due to extenuating circumstances with a counselor's recommendation.)

WITHDRAWAL PASSING (WP)

- Student was achieving a passing grade at the time of withdrawal.
- "WP" appears on the report card and official transcript but is not included in GPA computation.
- Given after the official calendar date for withdrawal. The last day to withdraw from a class with a WP is at the quarter.
- Withdrawal requires approval of the teacher, counselor, and Upper School Principal.

WITHDRAWAL FAILING (WF)

- Student was failing (below 65%) at the time of withdrawal.
- "WF" appears on the report card and official transcript but is not included in GPA computation.
- Given after the official calendar date for withdrawal. The last day to withdraw from a class with a WF is at the quarter. Withdrawal requires approval of the counselor, teacher and Upper School Principal/Assistant Principal.

RETAKE A FAILED COURSE OR SUMMER SCHOOL

- Students who fail a required course must complete a course approved by the Upper School principal and department chairperson to the satisfaction of the department chairperson and teacher.
- The grade will not be included in the student's overall GPA.
- Only a course retaken at Visitation will be included in a student's overall GPA.
- A "C" or a "P" will be the highest grade awarded to any student who fails a course and makes up the work.

INCOMPLETE "I"

- A temporary grade given at the discretion of the instructor and with permission of Upper School administration.
- An "I" not changed before the end of the following semester or end of June will become an "F".
- The responsibility rests with the student to make up all work in a timely manner.
- In the case of extenuating circumstances that prevent a student from completing course requirements, an incomplete will be approved and a schedule to complete the work will be arranged with the teacher, counselor and Upper School administration.

TRANSFERS: STUDENTS AND CREDITS

- Grades transferred to Visitation are not included in a student's GPA.

ADVANCED PLACEMENT AND COLLEGE CREDIT COURSES

- The Advanced Placement and College Credit Courses receive an additional 5 points added to the final grade.
- An additional five points will NOT be added to the SLU transcript for CC courses.

COURSE REQUIREMENTS/OPTIONS

Grade Nine

REQUIRED COURSES (7.5 units)	<u>Semesters</u>	<u>Units of Credit</u>
Computer Science:		
9-Integrated Computer Science	2	.5
English:		
English 9	2	1
Fine and Performing Arts:		
Public Speaking/Owning Up	2	.5
Health and Wellness:		
Health/Fitness	2	.5
Modern and Classical Languages:		
French I or II	2	1
Spanish I or II	2	1
Latin I or II	2	1
Mathematics:		
Algebra I	2	1
Geometry	2	1
Honors Algebra II	2	1
Science:		
Biology	2	1
Social Studies:		
World History I	2	1
Theology 9:	1	1
ELECTIVES:		
Fine and Performing Arts:		
Ninth Grade Choir	2	.5
Handbells	2	.5

PROGRAM OF STUDIES

Grade Ten

REQUIRED COURSES (6 units):	<u>Semesters</u>	<u>Units of Credit</u>
English:		
English 10	2	1
Modern and Classical Languages:		
French II or III	2	1
Spanish II or III	2	1
Latin II or III	2	1
Mathematics:		
Geometry	2	1
Algebra II	2	1
College Algebra/Trigonometry	2	1
Honors Pre-Calculus (DR)	2	1
Honors Geometry (Online)	1	1
Science:		
Chemistry	2	1
Honors Chemistry (DR)	2	1
Social Studies:		
World History II	2	1
AP/CC European History (DR)	2	1
Theology 10:	1	1
ELECTIVES:		
Computer Science:		
Introduction to Computer Science-Java	1	.5
AP/CC Computer Science (DR)	1	.5
AP/CC Computer Science Principles	2	1
Graphic Design	1	.5
Communication Design (Graphic Design required)	1	.5
Introduction to Engineering	1	.5
Independent Study Engineering—Robotics	1	.5
Independent Study Engineering Applications	1	.5
English or Art Electives:		
Creative Writing	1	.5
The Art of Persuasion	1	.5
Yearbook Independent Study	1 or 2	.5 or 1
Fine and Performing Arts:		
Dance	2	.5
Advanced Dance (DR)	2	.5
Two-Dimensional Art	1	.5
Three-Dimensional Art	1	.5
Graphic Design	1	.5
Communication Design (Graphic Design required)	1	.5
Photography	1	.5

Fine and Performing Arts Continued:

Acting I	1	.5
Technical Theatre Intro	1	.5
Technical Theatre Advanced	1	.5
Chamber Singers (by audition)	2	1
Concert Choir	2	.5
Handbells	2	.5
Music Theory (DR)	1	.5

Health and Wellness:

Dance	2	.5
Advanced Dance	2	.5
Health and Wellness	2	.5
PE/Sports	1 Season	.5

Science:

Introduction to Engineering	1	.5
Independent Study Engineering Applications	1	.5

DR = Departmental Recommendation Required

PROGRAM OF STUDIES

Grade Eleven

REQUIRED COURSES (4 units)	<u>Semesters</u>	<u>Units of Credit</u>
English 11:		
American Literature	2	1
Honors American Literature 11 (DR)	2	1
CC American Literature (DR)	2	1
Mathematics:		
Algebra II	2	1
College Algebra/Trigonometry	2	1
Pre-Calculus	2	1
CC Calculus (DR)	2	1
AP/CC Calculus AB (DR)	2	1
Social Studies:		
U.S. History	2	1
AP/CC U.S. History (DR)	2	1
Theology 11:	1	1
ELECTIVES:		
Computer Science:		
Introduction to Computer Science-Java	1	.5
AP/CC Computer Science (DR)	1	.5
AP/CC Computer Science Principles	2	1
Graphic Design	1	.5
Communication Design (Graphic Design required)	1	.5
Emerging Media	1	.5
Introduction to Engineering	1	.5
Independent Study Engineering—Robotics	1	.5
<i>-Pre-Requisite - Introduction to Engineering</i>		
Independent Study Engineering Applications	1	.5
English or Art Electives:		
Creative Writing	1	.5
The Art of Persuasion	1	.5
Yearbook Independent Study	1 or 2	.5 or 1
Fine and Performing Arts:		
Dance	2	.5
Advanced Dance (DR)	2	.5
Iconography	1	.5
Two-Dimensional Art	1	.5
Three-Dimensional Art	1	.5
Graphic Design	1	.5
Communication Design (Graphic Design required)	1	.5
Photography	1	.5
Acting I	1	.5
Fine and Performing Arts Continued:		
Technical Theater Intro	1	.5
Technical Theatre Advanced	1	.5

Chamber Singers (by audition)	2	1
Concert Choir	2	.5
Handbells	2	.5
Music Theory (DR)	1	.5

Health and Wellness:

Dance	2	.5
Advanced Dance	2	.5
Health and Wellness	2	.5
PE/Sports	1 Season	.5

Modern and Classical Languages:

French III or IV	2	1
CC French IV (DR)	2	1
Latin III or IV	2	1
Spanish III or IV	2	1
CC Spanish IV (DR)	2	1
Classical Roots for Scientific and Legal Fields	1	.5

Science:

AP/CC Biology (DR)*	2	1.5
AP/CC Chemistry (DR)*	2	1.5
AP Physics (DR)*	2	1.5
Anatomy and Physiology	2	1
Environmental Science	1	.5
Forensics	1	.5
Genetics	1	.5
Physics	2	1
Introduction to Engineering	1	.5
Independent Study Engineering Applications	1	.5

Social Studies:

Economics	1	.5
Personal Finance	1	.5
Political Action in America	1	.5
Women's Studies	1	.5
World Affairs	1	.5
Entrepreneurial Leadership	1 or 2	.5 or 1

CC = College Credit (1818) DR = Departmental Recommendation Required AP = Advanced Placement; * Two additional lab periods per week required

PROGRAM OF STUDIES

Grade Twelve

REQUIRED COURSES (3 Units)	<u>Semesters</u>	<u>Units of Credit</u>
English:		
English Literature	2	1
CC English Literature (DR)	2	1
AP/CC English Literature (DR)	2	1
Mathematics:		
College Algebra/Trigonometry	2	1
Pre-Calculus	2	1
CC Calculus (DR)	2	1
Statistics	2	1
AP Statistics	2	1
AP/CC Calculus AB (DR)	2	1
AP/CC Calculus BC (DR)	2	1
Theology 12:		
Theology 12 or CC Theology	2	1
ELECTIVES:		
Computer Science:		
Introduction to Computer Science-Java	1	.5
AP/CC Computer Science (DR)	1	.5
AP/CC Computer Science Principles	2	1
Graphic Design	1	.5
Communication Design (Graphic Design required)	1	.5
Emerging Media	1	.5
Introduction to Engineering	1	.5
Independent Study Engineering—Robotics	1	.5
Independent Study Engineering Applications	1	.5
English or Fine Arts Electives:		
Creative Writing	1	.5
The Art of Persuasion	1	.5
Yearbook Independent Study	1 or 2	.5 or 1
Fine and Performing Arts:		
AP Studio Art (DR)	2	1
Dance	2	.5
Advanced Dance (DR)	2	.5
Iconography	1	.5
Two-Dimensional Art	1	.5
Three-Dimensional Art	1	.5
Graphic Design	1	.5
Communication Design (Graphic Design required)	1	.5
Photography	1	.5
Chamber Singers (by audition)	2	1
Concert Choir	2	.5
Handbells	2	.5
Music Theory (DR)	1	.5

Acting I	1	.5
Technical Theater	1	.5
Advanced Technical Theatre	1	.5

Seniors may enroll in Independent study courses offered in several Fine Arts courses based on departmental approval.

Health and Wellness:

Dance	2	.5
Advanced Dance (DR)	2	.5
Health and Wellness	2	.5
PE/Sports	1 Season	.5

Modern and Classical Languages:

French IV or V	2	1
AP/CC French Language (DR)	2	1
Spanish IV or V	2	1
AP/CC Spanish Language (DR)	2	1
Latin IV or V	2	1
AP Latin	2	1
Classical Roots for Scientific and Legal Fields	1	.5

Science:

AP/CC Biology (DR)*	2	1.5
AP/CC Chemistry (DR)*	2	1.5
AP Physics (DR)*	2	1.5
Anatomy and Physiology	2	1
Environmental Science	1	.5
Forensics	1	.5
Genetics	1	.5
Physics	2	1
Introduction to Engineering	1	.5
Independent Study Engineering Applications	1	.5

Social Studies:

Economics	1	.5
Modern American History	1	.5
Personal Finance	1	.5
Political Action in America	1	.5
Women's Studies	1	.5
World Affairs	1	.5
CC Psychology	2	.5
AP/CC European History (DR)	2	1
Entrepreneurial Leadership	1 or 2	.5 or 1

CC = College Credit (1818) DR = Departmental Recommendation Required

AP = Advanced Placement; * Two additional lab periods per week required

COMPUTER SCIENCE

The computer science program is designed to offer students a strong integrated approach to software applications as well as programming, coding and engineering skills for future career development.

9-INTEGRATED COMPUTER SCIENCE: FRESHMEN

Students will demonstrate proficiency in word processing, spreadsheet, presentation, video editing, and other skills needed to support our technology-rich curriculum. Students will apply authentic skill sets and problem-solving to complete daily assignments, projects, and communicate effectively. Digital Citizenship, safe, legal, and responsible use of information and technology, will be emphasized. Students are expected to demonstrate proficiency in specified skill sets at the end of the course.

2 Semesters .5 credit (Computer Science) Required

AP/CC COMPUTER SCIENCE PRINCIPLES: SOPHOMORE, JUNIORS, AND SENIORS

This year course will increase student access to computer science, computing and STEM through a multidisciplinary approach. The class is structured around six "Big Ideas": Creativity, Abstraction, Data and Information, Algorithms, Programming, The Internet, and Global Impact. Students will leave the class with a wider understanding of how computers and humans interact. This course prepares students to complete two performance tasks to demonstrate skills developed during the class and submit these digital artifacts as part of the AP Exam. Students will also be prepared for the multiple-choice AP exam.

2 Semesters 1 credit (Computer Science) Elective

INTRODUCTION TO COMPUTER SCIENCE - JAVA: SOPHOMORE, JUNIORS, AND SENIORS

This online course is designed to provide students with a solid introduction to Java programming. The course will provide students with a base of fundamentals in software development. Emphasis is placed on the development of problem-solving algorithms and logic. Students learn to develop real life applications that involve the prerequisite to the AP Computer Science course.

1 Semester .5 credit (Computer Science) Elective

AP/CC COMPUTER SCIENCE: SOPHOMORE, JUNIORS, AND SENIORS

A continuation of the Introduction to Computer Science course for students who are interested in AP credit. The major emphasis of this course is on programming methodology, algorithms, and data structures using Java. Computer applications are used to develop student awareness of the need for these topics, as well as to provide topics for individual programming assignments. This course prepares students to take the Advanced Placement Computer Science (A) examination.

Prerequisite: Intro to Computer Science taken during the first semester, finished with 90% or higher or department recommendation

1 Semester .5 credit (Computer Science) Elective DR

COMMUNICATION DESIGN: SOPHOMORES, JUNIORS, SENIORS

This course combines principles of Graphic Design with advertising and illustration. Students will be given opportunities to collaborate and design branding while creating materials for a corporate client. Context, engineering of design, brand storytelling, deep empathy, and authentic design will be explored as procedures employed in visually creative professional occupations.

Prerequisite: Graphic Design

1 Semester .5 credit (Computer Science or Fine Art) Elective

EMERGING MEDIA

This experiential course is centered around the design and management of *The Vivette Times* website - <https://www.vivettetimes.org/> This site is the official *student* site for Visitation Academy. Students will explore the application of skills in leadership, project management, coding, graphic design, creative writing, videography, podcasting, and photography. Applicants must be recommended by counselors or teachers who have identified student talent in the areas listed above.

2 Semesters (zero-hour) .5 credit (Fine Art or Elective) Elective (DR)

GRAPHIC DESIGN: SOPHOMORES, JUNIORS, SENIORS

Focusing on the creative use of the computer as a design tool and illustration medium, this course combines the investigation of digital art designs, using graphic software for project presentations. Students will receive a thorough introduction to the tools used to establish the graphic design process for business solutions.

1 Semester .5 credit (Computer Science or Fine Art) Elective

INTRODUCTION TO ENGINEERING: SOPHOMORE, JUNIORS, AND SENIORS

This course is an introduction to basic engineering concepts. Students will become familiar with engineering and its many sub-fields, ethical responsibilities, creativity and design. Students will have hands on applications to illustrate basic engineering concepts; to build a logical way of thinking about problems and their solutions; and to convey the excitement of the profession.

Prerequisites: Must have completed Geometry, currently enrolled in or completed Algebra 2

1 Semester .5 credit (Computer Science or Science) Elective

INDEPENDENT STUDY ENGINEERING APPLICATIONS: SOPHOMORE, JUNIORS AND SENIORS

This independent study is continuing skills developed in the Introduction to Engineering course. Students will develop and design a research topic within the field of engineering, including a written proposal for research and current studies completed on the topic. Once approved, the student will develop a workable solution, complete with prototypes and a completed project.

Prerequisite: Introduction to Engineering

1 Semester .5 credit (Computer Science or Science) Elective

INDEPENDENT STUDY ENGINEERING APPLICATIONS-ROBOTICS: SOPHOMORE, JUNIORS, AND SENIORS

This independent study is continuing the skills developed in the Introduction to Engineering course. Students will be expected to meet off campus after school hours and fully participate in competitions. Students will also meet periodically on campus during the semester. Students will experience the application of theory and practice of robotic engineering while working in a team-based environment. Experience of course is catered to student's particular interest such as electrical, mechanical, software or design engineering.

Prerequisites: Introduction to Engineering

1 Semester .5 credit (Computer Science or Science) Elective

ENGLISH

<u>GRADE</u>	<u>REGULAR OFFERING</u>	<u>ADVANCED OFFERING</u>	<u>ACCELERATED OFFERING</u>
9	English 9		
10	English 10 Creative Writing The Art of Persuasion Yearbook Independent Study		
11	American Literature Creative Writing The Art of Persuasion Yearbook Independent Study	Honors American Literature	CC American Literature
12	English Literature Creative Writing The Art of Persuasion Yearbook Independent Study	CC English Literature	AP/CC English Literature

(Sophomores, juniors and seniors may elect to take Creative Writing and/or The Art of Persuasion in addition to their other required English course.)

SUMMER READING PROGRAM

Students at Visitation Academy are required to read works of literature selected by the English Department and be evaluated on their knowledge and understanding of these books when they return to school in August. Students in CC American Literature, CC English Literature, and AP/CC English Literature read two additional novels or plays of their choice in preparation for the literary research paper; English Literature students read one additional novel or play to prepare for their research paper.

FRESHMAN ENGLISH

Freshman English focuses on the interdependence of grammatical, mechanical and compositional skills in writing with an emphasis on literary analysis and research. Grammar instruction, which includes a general review of all elements of English grammar, emphasizes student application of all grammatical elements in student writing. In addition to literary analysis and other shorter compositions, students complete a full-length research paper. This project guides students through the entire research process: note taking, thesis statements, outlines, works cited, drafts and final paper. The study of literature allows students to expand upon previous knowledge of vocabulary, literary terms, and archetypes, as well as to explore new literary elements and ideas through the study of novels, short stories, poetry, and drama, including a Shakespearean play.

2 Semesters

1 credit (English)

Required

SOPHOMORE ENGLISH

This course integrates the skills developed in grammar, composition and literary analysis. Units on non-fiction, poetry and the novel highlight the literary selections. Composition requirements include, literary analyses, a full-length research paper, poetry and various creative writings. Vocabulary study grows out of literature and discussion.

2 Semesters

1 credit (English)

Required

CREATIVE WRITING: SOPHOMORES, JUNIORS, AND SENIORS

This elective course offers students an opportunity to practice and participate in writing as an art form. This course focuses on various aspects of writing fiction, poetry, creative non-fiction, and scriptwriting through a variety of writing activities and exercises designed to foster fluency, generate ideas, ignite imagination, and identify the specific elements/techniques in creative writing. Students

will create and submit original work and learn to evaluate and critique their work and the work of others effectively. Students will participate in the reading, selection, and layout of submissions for *Visions*, our school's literary magazine. This course is excellent for students of all levels wanting to stretch their writing skills in new directions.

1 Semester

.5 credit (Fine Art or English)

Elective

THE ART OF PERSUASION: SOPHOMORES, JUNIORS, AND SENIORS

Everywhere we look, people are trying to influence the way we think, the way we act, what we buy, and what we believe. In other words, people are trying to get us to change our minds—sometimes with good reason and sometimes with ulterior motives. Successful entrepreneurs of tomorrow need savvy communication and critical thinking skills today. In this course, students will develop critical thinking skills to decipher the elements of persuasion in a variety of communication media today and to evaluate the ethics involved in these media. Students will study classic theories of argumentation including logic and reasoning, and will apply those theories to situations and examples from a variety of media, as well as create original persuasive messaging. Students will write and design commercials (in collaboration with the Graphic Design course), editorials, reviews, proposals, arguments, and more. This course directly applies to a broad spectrum of professions such as advertising, marketing, business, journalism, law, political science, public speaking, writing, and more.

1 Semester

.5 credit (Fine Art or English)

Elective

YEARBOOK INDEPENDENT STUDY: SOPHOMORES, JUNIORS, AND SENIORS

The yearbook independent study course is designed for serious members in grades 10 -12 of the yearbook staff who wish to receive credit for yearbook contributions for the current school year. Students may receive .5 credit or 1.0 credit based on the level of participation. Participants are required to keep a log of yearbook activities and check in weekly with a yearbook advisor or attend weekly yearbook meetings. Participants can be writers, photographers or both.

1 or 2 Semesters

.5 or 1.0 Credit (Fine Art or English)

Elective (DR)

AMERICAN LITERATURE: JUNIORS

This course offers a sampling of major American literature from writers such as Mark Twain, Kate Chopin, and F. Scott Fitzgerald. Students practice close reading of fiction, poetry, nonfiction, and drama. They compose analytical, creative, and argumentative essays, along with a major research paper.

2 Semesters

1 credit (English)

Required

HONORS AMERICAN LITERATURE: JUNIORS

This year-long course offers a chronological overview of the major American writers beginning with the Puritans and extending through works of the twentieth century. In composition, the students concentrate on exposition and argumentative writing skills to ready themselves for the college credit or advanced placement course in their senior year. By completing all steps in the research process to write full-length research paper, students refine research skills.

2 Semesters

1 credit (English)

Fulfills English 11 Requirement

CC AMERICAN LITERATURE: JUNIORS

With an emphasis on expository and argumentative writing, this course corresponds with St. Louis University's EN 1900: Advanced Rhetoric and Research Strategies. Students choosing to dual enroll at SLU will receive three college credit hours for the year-long course. Students concentrate on exposition and argumentation, writing several short essays and a longer literary research paper.

Additionally, students engage in a survey of American literature, reading selected texts from Puritan through post-modern periods.

2 semesters 1 credit (English) Fulfills English 11 Requirement (DR)

ENGLISH LITERATURE: SENIORS

This year-long course offers a chronological sampling of major writers in English literature from its beginnings through the early modern period. It includes the epic, tales, sonnets, Metaphysical poetry, Romantic poetry and modern literary forms. The fall semester includes study of memoir and personal essays to enhance the writing of college application essays. The course requires a literary research paper and prepares students for college-level compositions.

2 Semesters 1 credit (English) Required

CC ENGLISH LITERATURE: SENIORS

This class, like the College Credit American Literature course for juniors, replicates two semester-long college courses. Similar to a freshman rhetoric/composition course, this course includes the reading and writing of personal, analytical, and persuasive essays. Additionally, like a college freshman English survey course, the course may include a Shakespearian drama, and such works as *The Metamorphosis*, selections from *The Canterbury Tales*, *Heart of Darkness*, as well as shorter works by various world authors. Students analyze these literary works in light of conflict and social justice themes. This course, like all sections of English 12, includes the completion of a literary analysis paper.

2 Semesters 1 credit (English) Fulfills English 12 Requirement (DR)

ADVANCED PLACEMENT AND COLLEGE CREDIT ENGLISH: SENIORS

College-level courses are open to junior and senior honor students. The English Department is affiliated with the 1818 College Credit Programs of Saint Louis University and the Advanced Placement Program of The College Board. A junior must merit an 85% in her Honors American Literature or College Credit American Literature class to qualify for the senior College Credit or Advanced Placement course. If she is enrolled in the 1818 program, she may earn nine college credits by the end of her senior year. However, not all colleges accept the 1818 credit, so students are encouraged to take the AP Exam.

2 Semesters 1 credit (English) Fulfills English 12 Requirement (DR)

AP/CC ENGLISH LITERATURE: SENIORS

Advanced Placement Literature and Composition is a sophomore college-level course which offers the opportunity to study British and world literature of various periods and genres and to use this knowledge in class discussions, in oral reports, and in writing essays about literature. Students develop an appreciation of selected literary works and explore their relationship to contemporary experience as well as to the times in which they were written. Students analyze these literary works in light of conflict and social justice, themes as well as gender and identity themes. Representative authors include Sophocles, Chaucer, Shakespeare, Swift, Austen, Dickens, Ibsen, Dostoyevsky, Hardy, Shaw, Conrad, Lawrence, T.S. Eliot, Joyce and Greene as well as contemporary short story writers and poets. Writing assignments focus on the literature studied and include literary analyses and a longer literary research paper. Students learn how to respond to literature and to language with more sensitivity and discrimination and to express themselves more effectively and imaginatively. At the end of the course, students are prepared to take the English Literature Advanced Placement Test and to receive 1-8-1-8 college credit from Saint Louis University.

Participation in the AP preseason for this course is required.

2 Semesters 1 credit (English) Fulfills English 12 Requirement (DR)

FINE ARTS (VISUAL AND PERFORMING)

TWO-DIMENSIONAL DESIGN AND DRAWING: SOPHOMORES, JUNIORS, AND SENIORS

The student will work with the elements of art, principles of design, perspective and dimension in design and properties of colors. These concepts will be applied to drawing, painting, printing, and a variety of other mediums.

1 Semester .5 credit (Fine Art) Elective

THREE-DIMENSIONAL ART: SOPHOMORES, JUNIORS, AND SENIORS

Students produce work in a variety of mediums, including ceramics, wire sculpture, paper, plaster, wood and stone carving, encaustic (wax), jewelry design, weaving, found object art and bookmaking.

1 Semester .5 credit (Fine Art) Elective

ACTING I: SOPHOMORES, JUNIORS, SENIORS

Introduction to acting focuses on the basic theories and skills of the acting process. Terminology, character development, script analysis, and staging techniques will be taught using both serious and humorous performances.

1 Semester .5 credit (Fine Art) Elective

AP ART AND DESIGN: JUNIORS, AND SENIORS

This course is an in-depth study of visual art. There are three areas of study to choose from: Drawing, 2-D and 3-D Art and Design. AP Art and Design courses are for all students who are interested in inquiry-based thinking and making. Students will conduct a sustained investigation through practice, experimentation, and revision, guided by questions. While, skillfully synthesize materials, processes, and ideas. Students will also articulate, in writing, information about one's work. Students interested in art, but not pursuing a career in art, are still welcomed to take this class. This class can be taken again, if choosing a different area of study. An AP portfolio will be compiled and submitted as a year-end review. Department approval is required. Independent Art is encouraged, but not required, before taking this class.

Prerequisite: 2-D design and drawing. Photography (if creating a photography portfolio)

2 Semesters 1 credit (Fine Art) Elective (DR)

ADVANCED DANCE: SOPHOMORES, JUNIORS AND SENIORS

This course teaches advanced dance techniques, dance composition and choreography. Departmental approval is required as well as participation in the Christmas and Spring Concerts.

2 Semesters .5 credit (Fine Art or Health/Wellness) Elective (DR)

CHAMBER SINGERS: SOPHOMORES, JUNIORS, AND SENIORS

An auditioned course, selected members will perform advanced repertoire in varied styles. There are a variety of performance opportunities. Mandatory performance requirements include the Christmas and spring concerts. The dress rehearsal and performance of both concerts is mandatory.

2 Semesters 1 credit (Fine Art) Elective/By Audition

COMMUNICATION DESIGN: SOPHOMORES, JUNIORS, AND SENIORS

This course combines principles of Graphic Design with advertising and illustration. Students will be given opportunities to collaborate and design branding while creating materials for a corporate

client. Context, engineering of design, brand storytelling, deep empathy, and authentic design will be explored as procedures employed in visually creative professional occupations.

Prerequisite: Graphic Design

1 Semester .5 credit (Fine Art or Computer Science) Elective

CONCERT CHOIR: SOPHOMORES, JUNIORS, AND SENIORS

This choir builds upon students' enjoyment of singing. Students will develop choral skills and experience a wide variety of musical styles. Mandatory performance requirements include the Christmas and spring concerts. The dress rehearsal and performance of both concerts is mandatory.

2 Semesters .5 credit (Fine Art) Elective

CREATIVE WRITING: SOPHOMORES, JUNIORS, AND SENIORS

This elective course offers students an opportunity to focus on and practice the art of creative writing in its various forms. It may be taken for one or two semesters. Both semesters focus on various aspects of writing fiction, poetry, and creative non-fiction through a variety of writing activities and exercises designed to foster fluency, help students use their imaginations, generate ideas, identify the specific elements/techniques in creative writing, and to support and strengthen their writing skills overall. Students submit original work and learn to effectively evaluate and critique their work and the work of others.

1 Semester .5 credit (Fine Art) Elective

DANCE: SOPHOMORES, JUNIORS AND SENIORS

This course is a study of the elements of dance (body, energy, space, and time). Students will learn to incorporate these elements into a variety of dance styles. Students will explore the historic influences of dance as well as developing body awareness, proper body alignment, flexibility, and stamina. Additionally, this course will introduce choreography, dance improvisation skills and strategies for constructive rest and relaxation. Daily physical performance in class is an expectation of this course. The Health & Wellness/Dance grade is based on a combination of class participation in warmups, activity and cool down, attitude, dressing out properly for class, attendance, written work and quizzes. The grade is NOT based on a student's athletic or artistic ability. Students are invited to perform at choir concerts or events outside of class, but this is not a requirement.

2 semesters .5 credits (Fine Arts or Health/Wellness) Elective

EMERGING MEDIA: SOPHOMORES, JUNIORS, AND SENIORS

This experiential course is centered around the design and management of *The Vivette Times* website - <https://www.vivettetimes.org/>. This site is the official student site for Visitation Academy. Students will explore the application of skills in leadership, project management, coding, graphic design, creative writing, videography, podcasting, and photography. Applicants must be recommended by counselors or teachers who have identified student talent in the areas listed above.

2 Semesters (zero-hour) .5 credit (Fine Art or Elective) Elective (DR)

GRAPHIC DESIGN: SOPHOMORES, JUNIORS, AND SENIORS

Focusing on the creative use of the computer as a design tool and illustration medium, this course combines the investigation of digital art designs, using graphic software for project presentations. Students will receive a thorough introduction to the tools used to establish the graphic design process for business solutions.

Prerequisite: 9-Integrated Computer Applications or equivalent

1 Semester .5 credit (Fine Art or Computer Science) Elective

HANDBELLS: FRESHMAN, SOPHOMORES, JUNIORS, AND SENIORS

This course is designed to help students acquire skills needed to perform in the handbell ensemble and focus on interpersonal relationships will be incorporated into this course. Performance opportunities include school liturgical events, Christmas and spring concerts. Students learn intricate rhythms and harmonic sounds as well as a better understanding of music reading, and it prepares them for the more difficult performances with the instruments. This class meets before school two days a week. Mandatory performance requirements include the Christmas and spring concerts. The dress rehearsal and performance of both concerts is mandatory.

2 semesters

.5 credit (Fine Art)

Elective

ICONOGRAPHY: Students prepare, paint, gild, and seal their own image of the Visitation. This image of Mary and Elizabeth, greeting one another despite their fear with faith, familiarity, friendship, and joy signifies the heart of our Salesian Charism. In addition to painting, students will study this particular image in a transformative curriculum of prayers, poems, scripture, passages from our patron saints, and history. At the end of this course students will bring home an icon, the skills to continue writing their own icons, and also a deep understanding of Visitation's Salesian Spirituality.

1 Semester

.5 credit (Fine Art)

Elective

(May only be taken as a Fine Art credit after 1.5 credits of Fine Arts credits are completed)

SPECIAL CIRCUMSTANCES MAY REQUIRE A STUDENT TO ENROLL IN THE FOLLOWING CLASS:

INDEPENDENT STUDY IN ART: JUNIOR AND SENIOR

This is for a student who has exhausted all other visual art classes. Directed to students who have mastered the skills and concepts presented in previous art courses and wish to continue their study in more depth. Students work on a contractual basis where meeting times are mutually agreeable between teacher and student. Students may select this course to prepare for the portfolio required for AP Art and Design. Department approval is required.

Pre-requisite: Two-Dimensional Design and Drawing

1 Semester

.5 credit (Fine Art)

Elective (DR)

INDEPENDENT STUDY IN PHOTOGRAPHY: SENIOR

Students who have mastered the skills and concepts presented in previous photography courses and wish to continue their study in more depth may be considered for these courses. Students work on a contractual basis where meeting times are mutually agreeable between teacher and student. Students may select this course to prepare for the portfolio required for AP Art and Design. Department approval is required.

1 or 2 Semesters

.5 or 1 credit (Fine Art)

Elective (DR)

MUSIC THEORY: SOPHOMORES, JUNIORS, AND SENIORS

This course will explore music theory, ear training, sight-singing, composition, dictation, harmonic structure, musicianship, and music analysis. This course will be beneficial to the student who is interested in pursuing music or musical theater in college. Departmental Approval is required.

1 Semester

.5 credit (Fine Art)

Elective (DR)

NINTH GRADE CHOIR: FRESHMAN

This choir is an introductory choral experience designed for students entering high school. Emphasis will be on the enjoyment of singing and exposing choir members to several musical styles that will lead to later offerings in choir. Mandatory performance requirements include the Christmas and spring concerts. The dress rehearsal and performance of both concerts is mandatory.

2 Semesters .5 credit (Fine Art) Elective

PHOTOGRAPHY: SOPHOMORES, JUNIORS, SENIORS

The student will be introduced to the history of photography, camera parts and functions, composition techniques, darkroom equipment and chemicals, black and white film and print developing, mounting and matting photographs, digital photography and Adobe Photoshop.

1 semester .5 credit (Fine Art) Elective

PUBLIC SPEAKING: FRESHMEN

The process of formal public speaking will be the focus of this course. Basic and advanced skills will be taught in the areas of eye contact, vocal variety, speech writing style, speech organization and persuasion. Before the semester is finished each student will have performed at least 5 major speeches and several mini speeches. The Owning Up Curriculum focusing on interpersonal relationships will also be incorporated into this course.

2 Semesters .5 credit (Fine Art) Required

TECHNICAL THEATRE INTRO: SOPHOMORES, JUNIORS, AND SENIORS

Students will learn the fundamental basics of Technical Theatre. This entails Set Design and Construction, Lighting Design and Execution, Costume Design and Construction, Sound Design and Execution, Prop Design and Execution. This is a very hands on class. Many different materials and tools are used throughout this class, including wood, paints, glues, power tools, safety tools, sewing equipment, etc. Some design work is also included in the class. Most projects in this class will be directly related to the productions happening in our Theatre and school. A production assignment is required in the class.

1 Semester .5 credit (Fine Art) Elective

TECHNICAL THEATRE ADVANCED: SOPHOMORES, JUNIORS, AND SENIORS

Students in this class will expand the design elements of Tech Theatre. This class will learn elements of Hand Drafting, Computer Drafting, 3D Modeling for theatre, Model Making. Students of this class will also help with more advanced projects for shows happening in our space. Student may also help design different aspects of our productions. A production assignment is required in the class.

Pre-requisite: Technical Theatre Intro

1 Semester .5 credit (Fine Art) Elective

THE ART OF PERSUASION: SOPHOMORES, JUNIORS, SENIORS

Everywhere we look, people are trying to influence the way we think, the way we act, what we buy, and what we believe. In other words, people are trying to get us to change our minds—sometimes with good reason and sometimes with ulterior motives. Successful entrepreneurs of tomorrow need savvy communication and critical thinking skills today. In this course, students will develop critical thinking skills to decipher the elements of persuasion in a variety of communication media today and to evaluate the ethics involved in these media. Students will study classic theories of argumentation including logic and reasoning, and will apply those theories to situations and examples from a variety of media, as well as create original persuasive messaging. Students will write and design commercials, editorials, reviews, proposals, arguments, and more. This course directly applies to a broad spectrum of professions such as advertising, marketing, business, journalism, law, political science, public speaking, writing, and more.

1 Semester .5 credit (English or Fine Art) Elective

HEALTH AND WELLNESS

HEALTH and WELLNESS 9: FRESHMEN

The Health and Wellness class for freshmen consists of the following Health units: nutrition, stress prevention, injury prevention, first aid and CPR, tobacco, alcohol and drug prevention, anatomy in relation to disease prevention, and personal and family health. Group discussions and research are an integral part of the class. Fitness activities and games are also included. (This class meets the .5 Health credit required for graduation.)

2 Semesters .5 credit (Health and Wellness) Required

HEALTH and WELLNESS 100: SOPHOMORES, JUNIORS AND SENIORS

This Health and Wellness course is a combination of activities that facilitate an understanding and appreciation for lifetime health, fitness and games. The course consists of participation in team and individual games that emphasize cardiovascular fitness and strength training. Fitness activities, Pilates, fitness yoga, stability ball, self-defense, Tae Bo/kick boxing and walking are some examples of the fitness activities. These activities and lessons encourage change and growth leading to individual health and wellness. Students will have opportunity to create a personalized health and wellness program to meet their individual needs.

2 Semesters .5 credit (Health and Wellness) Elective

PE/SPORTS: SOPHOMORES, JUNIORS AND SENIORS

A student may participate in any sanctioned sport offered in one season through the Visitation Academy Athletics Department. A grade is based on attendance, participation, and cooperation as a team member and not on specific skill sets. The grade is submitted by the coach affiliated with the sport to the Athletic Director and turned in to the Upper School Office to be entered on a student report card.

1 Sports Season .5 credit (Health and Wellness) Fulfills .5 Health and Wellness credit

DANCE: SOPHOMORES, JUNIORS AND SENIORS

This course is a study of the elements of dance (body, energy, space, and time). Students will learn to incorporate these elements into a variety of dance styles. Students will explore the historic influences of dance as well as developing body awareness, proper body alignment, flexibility, and stamina. Additionally, this course will introduce choreography, dance improvisation skills and strategies for constructive rest and relaxation. Daily physical performance in class is an expectation of this course. The Health & Wellness/Dance grade is based on a combination of class participation in warmups, activity and cool down, attitude, dressing out properly for class, attendance, written work and quizzes. The grade is NOT based on a student's athletic or artistic ability. Students are invited to perform at choir concerts or events outside of class, but this is not a requirement.

2 semesters .5 credits (Fine Arts or Health and Wellness) Elective

ADVANCED DANCE: SOPHOMORES, JUNIORS AND SENIORS (DR)

This course teaches advanced dance techniques, dance composition and choreography. Admission requires Departmental Approval. Participation in the Christmas and Spring Concerts is required.

2 semesters .5 credits (Fine Arts or Health/Wellness) Elective (DR)

.5 of the 1.5 Health and Wellness required credits can be met by participating in a Visitation Junior Varsity or Varsity sport (see PE/Sports above.) When exercising this option, a student must submit a signed waiver form at the beginning of the athletic season and participate during sophomore, junior or first semester of senior year. Athletes will receive their grades from the JV or Varsity coach base upon the criteria listed on the waiver form.

Special consideration will be given to award the PE/Sports .5 credit to a student who participates at a highly competitive level of a sport not offered at Visitation Academy. To receive the credit the following criteria must be met: A formal proposal submitted to the administration that includes the name of the organization sponsoring the student (AAU, US Olympic training, USHJA, USEF, etc.), number of hours a student participates during a season with a minimum of 150 hours, a list of the competitions at the local, state, regional or national level where student participation will take place and a meeting with the coach or representative who will be monitoring student participation. Grading will be Pass/Fail.

Students are required to enroll in one Health and Wellness course to acquire .5 credit and may enroll in an additional .5 credit course or participate in a sport for one season to accrue the 1.0 mandatory credit in Health and Wellness.

MATHEMATICS

The Mathematics Department strives to provide an integrated and comprehensive mathematics program in which all students study the same material, but in which each student may progress according to her interests and ability. Below is a listing of the course offerings in the Upper School mathematics program. Four credits in mathematics are required for graduation.

<u>GRADE</u>	<u>REGULAR OFFERING</u>	<u>ADVANCED OFFERING</u>	<u>ACCELERATED OFFERING</u>
9	Algebra I	Geometry	Honors Algebra II
10	Geometry	Algebra II Honors Pre-Calculus	Honors Geometry
11	Algebra II	College Algebra/Trigonometry Pre-Calculus	CC Calculus AP/CC Calculus AB
12	College Algebra/Trigonometry Pre-Calculus 12 Pre-Calculus Statistics	Pre-Calculus CC Calculus	AP/CC Calculus BC AP/CC Calculus AB AP Statistics

- The regular course offering is for students who are interested in the regular college preparatory sequence of mathematics courses.*
- The advanced course offering is for students who wish to explore an in-depth study of mathematics including Calculus.*
- The accelerated course offering is for students who have demonstrated outstanding knowledge in the area of mathematics. Students making this selection should be highly motivated and have an interest in taking the most advanced courses in the mathematics sequence including Calculus.*

Departmental Recommendation (DR) is required to enroll in all advanced and accelerated mathematics courses. The following areas will be evaluated to determine placement: standardized test scores, classroom performance, and a consistent level of mastery on tests with 93% utilized as a guideline. Graphing calculators and laptop computers are used throughout the curriculum at appropriate levels.

ALGEBRA I

This course studies all standard Algebra topics including the real number system, algebraic expressions, linear equations and inequalities, graphing solutions on a coordinate plane, systems of equations and inequalities, factoring and solving quadratic equations and functions, along with solving rational and radical equations. A strong emphasis is placed on problem solving and applications.

2 semesters 1 credit

GEOMETRY

This course develops an understanding of logic and mathematical problem solving, specifically in the areas of plane geometry and introductory solid geometry. An Algebra-integrated course, geometry language and vocabulary are used to solve various types of algebraic equations. Students will also study deductive reasoning. Parallel and perpendicular lines, congruent and similar triangles, right triangles and basic trigonometry, quadrilaterals and circles are studied. Students will also learn to make calculations of length, area, surface area and volume.

2 Semesters 1 credit

ALGEBRA II

This course includes the study of linear equations in two and three variables as well as systems of nonlinear equations, complex numbers, completing the square and deriving and using the quadratic formula. Polynomial functions, radical functions, logarithmic functions, and rational functions are emphasized.

2 semesters 1 credit

HONORS ALGEBRA II

This course includes the study of linear equations in two and three variables as well as systems of nonlinear equations, complex numbers, completing the square and deriving and using the quadratic formula. Polynomial functions, radical functions, logarithmic functions, and rational functions are emphasized.

2 Semesters 1 credit

HONORS GEOMETRY or GEOMETRY

An independent study online course with a mentor. This course studies all standard Geometry topics including areas of plane geometry and solid geometry. Students will study deductive reasoning and learn to write proofs. Parallel and perpendicular lines, congruent and similar triangles, right triangles and basic trigonometry, quadrilaterals and circles are studied. Students will also learn to make calculations of length, area, surface area and volume. Students scoring above 90% will receive Honors Geometry credit. All other passing grades will be given Geometry credit.

Online 1 credit

COLLEGE ALGEBRA/TRIGONOMETRY

The course includes a continued and advanced study of algebra, along with an in-depth study of trigonometry. This involves the study of various types of triangles and trigonometric graphs. There is considerable emphasis placed on applying trigonometric concepts to real-world situations. This course is designed to prepare students for Pre-Calculus.

2 Semesters 1 credit

PRE-CALCULUS/PRECALCULUS 12

This course introduces more advanced topics of algebra and thoroughly studies trigonometry. In addition, logarithms, infinite series, conic sections, probability and linear algebra are introduced. The course is designed as a preparation for AP Calculus 1 or CC Calculus 1.

2 Semesters 1 credit

HONORS PRE-CALCULUS

This accelerated course introduces more advanced topics of algebra and thoroughly studies trigonometry. In addition, logarithms, infinite series, conic sections, probability and linear algebra are introduced. Much emphasis is placed on abstract word problems. The course is designed as a preparation for AP Calculus 1 or CC Calculus 1.

2 Semesters 1 credit

CC CALCULUS

This course is an in-depth study of the essential concepts of Calculus: functions, limits, continuity, derivatives, indefinite and definite integrals. The course covers 90% of the material covered in AP/CC Calculus, but at a more relaxed pace. Dual credit is available with Saint Louis University's 1818 Program.

2 Semesters 1 credit (DR)

AP/CC CALCULUS AB

The course is an in-depth study of the essential concepts of Calculus, along with practical applications: functions, limits, continuity, derivatives, definite and indefinite integrals and their applications. It includes a year-end review and preparation for the Advanced Placement Exam. The students can choose to earn dual credit with Saint Louis University's 1818 Program. **Participation in the AP preseason for this course is required.**

2 Semesters 1 credit (DR)

STATISTICS

The Statistics with applications course teaches students how to collect appropriate data, how to analyze the data, and how to make appropriate conclusions. Students will learn the basic principles of statistical reasoning, how to make appropriate graphical displays for different types of datasets, how to calculate and interpret statistics, least squares regression; how to conduct properly designed experiments and simulations, binomial and normal probability distributions, and how to conduct hypothesis tests and draw proper conclusions. Students will use the graphing calculator in the course. This course is not designed for students planning to take the Advanced Placement Exam but many of the same topics will be covered. There will be a strong emphasis on applying our findings to actual situations.

2 Semesters 1 credit

AP/CC CALCULUS BC

This course is a continuation of the AP Calculus I course. A third of the year is devoted to reviewing AP Calculus I material. The remainder of the course is an in-depth study into more advanced Calculus topics: indeterminate forms and improper integrals, arc length, sequences and series, differential equations, parametrics, polar coordinates and vectors. A year-end review culminates in the Advanced Placement Exam. The students can choose to earn dual credit with Saint Louis University's 1818 Program.

2 Semesters 1 credit (DR)

AP STATISTICS: ADVANCED OFFERING FOR SENIORS

The AP Statistics course introduces students to the concepts and tools used in four areas: exploring data, planning a study, finding patterns using probability and statistical inference. Special emphasis is placed on analyzing data and drawing conclusions from the data. Students will often be assessed on their ability to translate their knowledge in written form. This course also uses technology, especially graphing calculators. The students will have covered the same material offered in a college introductory statistics course. It includes a year-end review and preparation for the Advanced Placement Exam.

2 Semesters 1 credit (DR)

MODERN AND CLASSICAL LANGUAGES

<u>GRADE</u>	<u>REGULAR OFFERINGS</u>	<u>ADVANCED OFFERINGS</u>	<u>AP/CC OFFERINGS</u>
9	French I Latin I Spanish I	French II Latin II Spanish II	
10	French II Latin II Spanish II	French III Latin III Spanish III	
11	French III Spanish III Latin III	French IV Spanish IV Latin IV	CC French IV CC Spanish IV
12	French IV or French V Spanish IV or Spanish V Latin I or IV or V Classical Roots for Scientific and Legal Fields		AP/CC French Language AP/CC Spanish Language AP Latin CC French IV CC Spanish IV

CLASSICAL ROOTS FOR SCIENTIFIC AND LEGAL FIELDS

In this course, students explore the origins of English words through the lens of Greek and Latin. The course is designed for students with no prior Greek or Latin experience to familiarize them with these languages' roots and help them build vocabulary based on these roots. Students interested in pursuing scientific and legal fields will find this course beneficial, as well as any student preparing for college standardized and entrance exams.

1 Semester .5 credit (Modern and Classical Language)

FRENCH I: FRESHMAN

This course is designed for beginners. It presents basic grammatical structures in an integrated program aimed at developing the skills of listening, speaking, reading, and writing, with special emphasis on oral communication. Students are also introduced to French geography, culture, traditions, and customs. Class is conducted in French.

2 Semesters 1 credit (Modern and Classical Language)

FRENCH II: FRESHMAN AND SOPHOMORE

This course offers advanced work in all four language skills with special emphasis on oral communication. Cultural awareness and interest continue to be developed. The course expands the vocabulary and strengthens the grammar presented in level IA and IB, so the students are able to use the material with confidence. Class is conducted in French.

Pre-requisite: French I

2 Semesters 1 credit (Modern and Classical Language)

FRENCH III: SOPHOMORE AND JUNIOR

This course reviews and expands the material presented in previous levels. The student improves pronunciation, intonation, and rhythm of speech, and works hard to acquire the confidence, advanced grammar and vocabulary necessary for functioning in French in a variety of situations. Class is conducted in French.

Pre-requisite: French II

2 Semesters 1 credit (Modern and Classical Language)

FRENCH IV: JUNIOR AND SENIOR

This is an elective course intended for the student who wishes to continue her studies of French. Emphasis continues in oral communication, but literature and composition are also stressed while reviewing and expanding previously learned vocabulary, structures, and cultural themes. Class is conducted in French.

Pre-requisite: French III

2 Semesters 1 credit (Modern and Classical Language)

CC FRENCH IV: JUNIOR AND SENIOR

This is an elective course intended for the student who wishes to continue her studies of French and desires a more in-depth study of the language. Emphasis continues in oral communication, but literature and composition are also stressed while reviewing and expanding previously learned vocabulary, structures, and cultural themes. Class is conducted in French.

Pre-requisite: French III

2 Semesters 1 credit (Modern and Classical Language) Departmental Recommendation (DR)

FRENCH V: SENIOR

This course is an elective designed to round out the student's study of high school French. The course calls attention to certain points of French grammar, with emphasis on conversation, literature, composition, film, and culture. Class is conducted in French.

Pre-requisite: French IV or CC French IV

2 Semesters 1 credit (Modern and Classical Language)

AP/CC FRENCH LANGUAGE: SENIOR

This course is designed for motivated students with a very strong base in conversation, composition, grammar, and reading. This is a rigorous course which develops communicative competence in all aspects of French through intense practice in speaking, listening comprehension, reading comprehension, grammar, and composition. AP exam at the end of the year is expected. Class is conducted in French.

CC French IV

Pre-requisite: CC French IV

2 Semesters 1 credit (Modern and Classical Language-DR)

LATIN I: FRESHMAN

In this foundational course, students study Latin grammar and vocabulary, learning how to pronounce the language as well as how to read and write in Latin. Classical culture and history are woven into the class through readings, presentations, projects, and interactive discussion. Students read and discuss primary texts in order to gain an understanding of classical mythology and Roman daily life.

2 Semesters 1 credit (Modern and Classical Language)

LATIN II: FRESHMAN AND SOPHOMORE

This course completes student study of basic Latin grammar. Students continue to learn Latin

vocabulary as well as Greek roots in order to gain greater fluency in both Latin and English. In preparation for Latin III, students study Roman culture (100BC- 100AD) and read the *Aeneid* (in translation) in order to learn what it meant to be a Roman.

Pre-requisite: Latin I

2 semesters 1 credit (Modern and Classical Language)

LATIN III: SOPHOMORE AND JUNIOR

Students will begin to translate primary texts into English from Latin. Using excerpts from Latin poets, historians, and philosophers, advanced grammar concepts and vocabulary, as well as culture and history, are taught in their original context. Students learn how one's translation can affect the meaning of the text and hold active discussions on variant interpretations. Study of Greek Roots continues and is applied to the etymology of English words.

Pre-requisite: Latin II

2 semesters 1 credit (Modern and Classical Language)

LATIN IV: JUNIOR AND SENIOR

This is an elective course intended for the student who wishes to continue her studies of Latin. Students read prominent Latin authors such as Caesar, Cicero, and Vergil. Opportunities for research and writing in Roman history are offered as well as basic composition in Latin. Students will be encouraged to do independent study to augment class work. Emphasis is on reading Latin without recourse to translation, as much as possible.

Pre-requisite: Latin III

2 semesters 1 credit (Modern and Classical Language)

LATIN V: SENIOR

This course is designed to further advance the student's study of Latin. Students continue the reading of prominent Latin authors; selections include excerpts from Vergil's *Aeneid*, Cicero's orations, Caesar's *Gallic Wars*. Opportunities for research and writing in Roman history are offered. Students will be encouraged to do independent study to augment class work. Emphasis is on reading Latin without recourse to translation. Advanced grammar and composition include the understanding of subjunctive constructions, indirect discourse, nuances in vocabulary application. Vocabulary skills are enhanced by a study of Latin and Greek roots, prefixes, and suffixes and their effects on English.

Pre-requisite: Latin IV

2 semesters 1 credit (Modern and Classical Language)

AP LATIN: SENIOR

This course is designed to provide advanced Latin students with a rich and rigorous course similar to a typically fourth or fifth semester college course. Students who successfully complete the course are able to read, comprehend, translate and analyze Latin poetry and prose.

Pre-requisite: Latin IV (Latin III with approval)

2 Semesters 1 credit (Modern and Classical Language-DR)

SPANISH I: FRESHMAN

This course is designed for beginners. It presents basic grammatical structures in an integrated program aimed at developing the skills of listening, speaking, reading, and writing, with special emphasis on oral communication. Students are also introduced to Spanish geography, culture, traditions, and customs. Class is conducted mostly in Spanish.

2 Semesters 1 credit (Modern and Classical Language)

SPANISH II: FRESHMAN AND SOPHOMORE

This course offers more advanced work in all four language skills with special emphasis on oral communication. Cultural awareness and interest continue to be developed. The course expands the vocabulary and strengthens the grammar presented in level IA and IB, so that the students are able to use the material with confidence. The class is conducted in Spanish.

Pre-requisite: Spanish I

2 Semesters 1 credit (Modern and Classical Language)

SPANISH III: SOPHOMORE AND JUNIOR

This course reviews and expands the material presented in previous levels. The student improves pronunciation, intonation, and rhythm of speech, and works to acquire the confidence, advanced grammar and vocabulary necessary for functioning in Spanish.

Pre-requisite: Spanish II

2 Semesters 1 credit (Modern and Classical Language)

SPANISH IV: JUNIOR AND SENIOR

This is an elective course intended for the student who wishes to continue her studies of Spanish. Emphasis continues in oral communication, but literature and composition are also stressed while reviewing and expanding previously learned vocabulary, structures, and cultural themes. Class is conducted in Spanish.

Pre-requisite: Spanish III

2 Semesters 1 credit (Modern and Classical Language)

CC SPANISH IV: JUNIOR AND SENIOR

This is an elective course intended for the student who wishes to continue her studies of Spanish (both for personal enjoyment and to prepare herself to do advanced work in Spanish at the college level) Emphasis continues in oral communication, but literature and composition are also stressed while reviewing and expanding previously learned vocabulary, structures, and cultural themes. Class is conducted in Spanish.

Pre-requisite: Spanish III

2 Semesters 1 credit (Modern and Classical Language-DR)

SPANISH V: SENIOR

This course is an elective designed to round out the student's study of high school Spanish. The course calls attention to certain points of Spanish grammar, with emphasis on conversation, literature, composition, film, and culture. Class is conducted in Spanish.

Pre-requisite: Spanish IV

2 Semesters 1 credit (Modern and Classical Language)

AP/CC SPANISH LANGUAGE: SENIOR

This college-level elective course is designed for highly motivated students with a very strong base in conversation, composition, grammar, and reading. This is a rigorous course which develops communicative competence in all aspects of Spanish through intense practice in speaking, listening comprehension, reading comprehension, grammar, and composition. AP exam at the end of the year is expected. Class is conducted in Spanish.

Pre-requisite: CC Spanish IV

2 Semesters 1 credit (Modern and Classical Language-DR)

SCIENCE

The Science Department course offerings feature a traditional strong science curriculum with a heavy emphasis of hands-on-experimentation while using the latest technology. Below is a listing of the course offerings in Science for the Upper School program. Three years of science at the high school level (Grades 9-12) are required for graduation and must include a year of Biology and a year of Chemistry.

GRADE	REGULAR OFFERING	ADVANCED OFFERING	AP/CC OFFERING
9	Biology		
10	Chemistry Introduction to Engineering Ind. Study Engineering- Robotics Ind. Study Engineering Applications	Honors Chemistry	
11	Anatomy and Physiology Environmental Science Forensics Genetics Physics Introduction to Engineering Independent Study Engineering-Robotics Ind. Study Engineering Applications		AP/CC Biology AP Physics
12	Anatomy and Physiology Environmental Science Forensics Genetics Physics Introduction to Engineering Independent Study Engineering-Robotics Ind. Study Engineering Applications		AP/CC Biology AP/CC Chemistry AP Physics

1. Departmental recommendation is required for Honors, AP or AP/CC offerings. It is based on the student's grades in science, mathematics and standardized test scores.
2. Students in AP/CC Biology, AP/CC Chemistry, and AP Physics will meet an extra two class periods per week for labs.
3. Students who have successfully completed AP/CC Biology are not eligible Genetics.
4. Students who have successfully completed AP Physics are not eligible for Physics.

BIOLOGY: FRESHMEN

Biology is the study of life with emphasis on the structure and function of life forms ranging from the single cell to multicellular organisms. A special consideration is given to biochemistry, cell biology, cell energetics, genetics, microbiology, and human body systems. Laboratory work is an integral portion of this course, and includes scientific inquiry, real life applications, and dissections.

2 Semesters

1 credit

Required

CHEMISTRY: SOPHOMORES

Chemistry is the study of the composition of substances and the changes in composition that substances undergo. Topics studied include atomic structure, chemical bonding, chemical reactions, the mathematics of chemistry, the states of matter, acids and bases, oxidation-reduction and thermochemistry. This course will fulfill the state of Missouri's college prep requirements.

2 semesters

1 credit (Science)

Required

HONORS CHEMISTRY: SOPHOMORES

Advanced Chemistry is the study of the composition of substances and the changes in composition that substances undergo. There is extensive study of atomic structure, chemical bonding, chemical reactions, the mathematics of chemistry, the states of matter, acids and bases, oxidation-reduction, thermochemistry, organic chemistry, and nuclear chemistry. Advanced Chemistry serves as a preparation for AP Chemistry or as a preparation for a college chemistry course. Prerequisite: 92% average in Biology and Mathematics course Grade 9

2 Semesters

1 credit (Science)

Fulfills Chemistry Requirement (DR)

ANATOMY AND PHYSIOLOGY: JUNIORS AND SENIORS

Anatomy and Physiology is an exploration of the function and structure of the human body. The students will gain an understanding of how the various organ systems interact to help achieve and maintain homeostasis. The coursework emphasizes modeling, experiments, dissections, projects, and issues of health and disease.

Prerequisite: Biology; Chemistry or Honors Chemistry

2 Semesters

1 credit (Science)

Elective

AP/CC BIOLOGY: JUNIORS AND SENIORS

Advanced Placement/College Credit Biology is an in-depth college level study of biology. Students explore major topics of life including molecular biology, genetics, evolution, and ecology. Science practices are emphasized in the course and students learn to develop and evaluate scientific investigations. The students have the option of earning 4 hours of credit through Saint Louis University and all students are encouraged to take the AP exam. A dedicated effort is essential to success in this course and departmental recommendation is mandatory.

Participation in the AP preseason for this course is required.

Prerequisite: 92% in Biology, Honors Chemistry and Mathematics courses in Grades 9 and 10

2 Semesters

1.5 credit (Science)

Elective (DR)

AP/CC CHEMISTRY: SENIORS

Advanced Placement Chemistry is designed to assist students in their preparation for the Advanced Placement test in chemistry. Advanced Placement Chemistry will include a review and a more in-depth study of the topics covered in Sophomore Chemistry. The course is setup as a first-year general chemistry college course. Additional topics covered will include chemical thermodynamics, chemical kinetics, chemical equilibrium and electrochemistry. Following completion of this course, students are expected to take the AP Exam and may receive up to eight hours of college credit. This course is strongly recommended for those interested in engineering, the allied health fields as well as those pursuing careers in chemistry. This is a highly competitive course and departmental recommendation is mandatory. In order for the students to prepare for the class they are required to complete an online course during the summer before the class starts.

Prerequisites: 92% average in in both Honors Chemistry and Mathematics courses in prior grades

2 Semesters

1.5 credit (Science)

Elective (DR)

PHYSICS: JUNIORS AND SENIORS

Physics of Energy: The first half of this course will allow exploration of current issues in the Physical Sciences. Energy sources and their use in the generation of electricity in particular will be studied. Further study of the connection between electricity and magnetism and their use in motors will also be studied. Laboratory experiments, student research, and student projects and presentations on the above topics are emphasized.

Physics of Motion: This course introduces students to Physics without a heavy emphasis on mathematics. The second half of the course will emphasize force and motion topics. Concepts couched in real-life applications with many demonstrations, projects and lab activities will be an integral part of this class. Students may not take Physics after taking AP Physics.

Prerequisites: Chemistry/Honors Chemistry
2 Semesters 1 credit (Science)

Elective

AP PHYSICS I: JUNIORS AND SENIORS

This course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. Electricity and electric circuits will be introduced. The lab portion of the AP Physics I is an integral part of the course, which includes inquiry investigations that enable students to research practical applications of the topics presented. Due to the nature of the labs, the course requires two extra lab periods a week. This course along with independent work by the individual student, will prepare students for the Advanced Placement Physics I exam administered each spring. 92% average in Chemistry and Mathematics courses in Grades 9 and 10.

Prerequisites: 92% average in Honors Chemistry and Mathematics courses in Grades 9 and 10
2 Semesters 1.5 credit (Science)

Elective (DR)

ENVIRONMENTAL SCIENCE: JUNIORS AND SENIORS

This course provides students with broad environmental science concepts and methodologies to understand the natural world and the impact that humans have on the environment. A special emphasis is placed on identifying and analyzing environmental problems and to examine alternative solutions for resolving and/or preventing these issues. This hands-on course introduces students to laboratory and field methods and techniques used by scientists such as water, air and soil sampling, while incorporating data collection and analysis of results. Basic environmental policy and laws will also be discussed.

1 Semester .5 credit (Science)

Elective

FORENSICS: JUNIORS AND SENIORS

This course is designed to cover crime scene investigative techniques, the presentation of facts and findings as a persuasive argument, and the role of various professionals in a forensics investigation.

1 Semester .5 credit (Science)

Elective

GENETICS: JUNIORS AND SENIORS

This course provides an in-depth study of genetic topics such as molecular genetics, cytogenetics, Mendelian genetics, population genetics and biotechnology. Students will practice current biotechnology techniques while analyzing genetic concepts in the laboratory setting. Student research and presentations on current topics and discussions of bioethics and genetic engineering are emphasized. Students who have successfully completed AP/CC Biology are not eligible for this course.

1 Semester .5 credit (Science)

Elective

INTRODUCTION TO ENGINEERING: SOPHOMORE, JUNIORS, AND SENIORS

This course is an introduction to basic engineering concepts. Students will become familiar with engineering and its many sub-fields, ethical responsibilities, creativity and design. Students will have hands on applications to illustrate basic engineering concepts; to build a logical way of thinking about problems and their solutions; and to convey the excitement of the profession.

Prerequisites: Must have completed Geometry, currently enrolled in or completed Algebra 2
1 Semester .5 credit (Computer Science or Science) Elective

INDEPENDENT STUDY ENGINEERING - ROBOTICS: SOPHOMORE, JUNIORS, AND SENIORS

This independent study is continuing the skills developed in the Introduction to Engineering course. Students will be expected to meet off campus after school hours and fully participate in competitions. Students will also meet periodically on campus during the semester. Students will experience the application of theory and practice of robotic engineering while working in a team-based environment. Experience of course is catered to student's particular interest such as electrical, mechanical, software or design engineering.

Prerequisites: Introduction to Engineering
1 Semester .5 credit (Computer Science or Science) Elective

IND. STUDY ENGINEERING APPLICATIONS – SOPHOMORE, JUNIORS AND SENIORS

This independent study is continuing skills developed in the Introduction to Engineering course. Students will develop and design a research topic within the field of engineering, including a written proposal for research and current studies completed on the topic. Once approved, the student will develop a workable solution, complete with prototypes and a completed project.

Prerequisite: Introduction to Engineering
1 Semester .5 credit (Computer Science or Science) Elective

SOCIAL STUDIES

The Social Studies Department provides a sequential curriculum from 9th grade through 12th grade. Social Studies is required through grade 11. Specialized electives are offered senior year.

<u>GRADE</u>	<u>REGULAR OFFERING</u>	<u>AP/CC and ELECTIVES</u>
9	World History I	
10	World History II	AP/CC European History
11	U.S. History	AP/CC American History Economics Modern American History Personal Finance Political Action in America Women's Studies World Affairs
12		AP/CC European History CC Psychology Economics Modern American History Personal Finance Political Action in America Women's Studies World Affairs

WORLD HISTORY I: FRESHMEN

This course covers world cultures from the first civilizations to the 16th century. Emphasis is placed on the roles played by geography, the interaction of cultures and the patterns of history. Rather than take the traditional focus on European history, this course encourages a more global perspective.

2 Semesters 1 credit (Social Studies) Required

WORLD HISTORY II: SOPHOMORES

This course is a continuation of freshmen World History. Developments in world history from 1600-2000 are presented. The course attempts to sharpen the student's inductive and deductive reasoning skills, convey an appreciation of chronological order, make valid generalizations based on specific facts, and refine the student's skills of test-taking, reading and listening.

2 Semesters 1 credit (Social Studies) Required

AP/CC EUROPEAN HISTORY: SOPHOMORES and SENIORS

This is an intensive course that will focus on mostly European political, social, cultural, intellectual and economic forces that shaped Europe and the western world; however non-European topics will also be presented in the course. Emphasis will be placed on the interpretive and expressive skills of those who take the course. Students from this course are expected to take the Advanced Placement European Exam. For those students who score a 3 or higher, many colleges will grant a number of hours of college credit in European History.

2 Semesters 1 credit (Social Studies) Elective (DR for sophomores)

UNITED STATES HISTORY: JUNIORS

This course covers American history from the writing of the U.S. Constitution to the present. The textbook, primary source documents and other sources are utilized to enhance the study of the past and its influence on present-day United States. Analysis of political, social and economic viewpoints provides the structure for assessing U.S. successes and struggles. Special emphasis is placed on linking cause and effect as well as on developing critical-thinking skills.

2 semesters 1 credit (Social Studies) Required

AP/CC CREDIT U.S. HISTORY: JUNIORS

This college credit American History course is designed to be taken for either college credit through Saint Louis University's 1818 Program and/or as preparation for the Advanced Placement American History exam. This is an intensive course that focuses on the political, social, cultural, intellectual and economic forces which shaped American civilization. Heavy emphasis is placed on the interpretive and expressive skills of those who take the course. Students from this course are expected to take the Advanced Placement American History Exam or the final exam approved by Saint Louis University. The nature of the material presented, as well as the scope of the course, reflects its college-level essence. For those students who score a 3 or higher, many colleges will grant a number of hours of college credit in American history.

Participation in the AP preseason for this course is required.

2 Semesters 1 credit (Social Studies) Fulfills US History requirement (DR)

CC PSYCHOLOGY: SENIORS

This course is an introduction to the basic processes underlying human behavior and offers a broad survey of the field of modern psychology. The various perspectives within psychology - physiological, learning, cognitive, developmental, social and clinical will be discussed in a theoretical and scientific context. The student will also engage in basic experimental research. Enrollment is limited.

1 Semester .5 credit (Social Studies) Elective

ECONOMICS: JUNIORS AND SENIORS

This course focuses on the principles of macroeconomics. Students will begin with the components of capitalism, socialism, and communism. The course investigates the role banking and credit play in a capitalist society and develops an understanding of the global stock market. After laying this foundation, the class will look at economic trends in the United States and the world, in particular the events that shape fiscal policy. Finally, the class will analyze the United States' economy and that of some other global economies (both developed and emerging).

1 Semester .5 credit Elective

MODERN AMERICAN HISTORY: SENIORS

This course deals with the leading aspects of American history from 1945 to the present. Attention is given to political issues, institutions, political parties, leadership, and diplomatic and constitutional questions; as well as economic, social, and intellectual trends. This course also focuses on what is unique in the American historical experience and relates American history to the broader global context.

1 Semester .5 credit (Social Studies) Elective

PERSONAL FINANCE: JUNIORS AND SENIORS

The focus on this course will be to provide students with the tools needed to handle their finances. Students will create spending goals, personal budgets, and evaluate their current use of money. Students will learn how to develop credit, the importance of maintaining a strong credit score, and how that credit score will be used. Students will assume an economic portfolio that requires them to maintain balanced spending, while taking into account: bills, income, rent, family, and various other expenses. Finally, students will learn and experience different types of investing and how best to create a financial portfolio that maximizes their income.

1 Semester

.5 credit (Social Studies)

Elective

POLITICAL ACTION IN AMERICA: JUNIORS AND SENIORS

This course is designed to illustrate the various ways a person can get involved in the American political system. The students will discuss the roots of democracy and republican government in the United States, and how those have changed in the nation's history. Students will investigate the different avenues of political involvement: grassroots participation, running for office, lobbying, and civil service. Throughout the course there will be a strong emphasis on developing political literacy, so that we can participate in civil discourse on political issues. Students will develop skills relating to position argumentation and debate.

1 Semester

.5 credit (Social Studies)

Elective

WOMEN'S STUDIES: JUNIORS AND SENIORS

In this course students will analyze the varieties of women's experiences in contemporary American society, through investigating the historical, social, political, economic, and cultural forces that shape lives relating to gender. Students will apply a variety of methods of analyzing women in society, drawing on both primary and secondary sources. Applying concepts and theories of Women's Gender Studies to life experiences and historical events and processes will be investigated. Finally, students will be introduced to critical awareness of issues facing society, particularly as they relate to women.

1 Semester

.5 credit (Social Studies)

Elective

WORLD AFFAIRS: JUNIORS AND SENIORS

This course focuses on topics in the world today which have an impact on the United States. The *Great Decisions* publication of the Foreign Policy Association assures the topical nature of the content while internet sites, newspapers and other sources of information guarantee the immediacy and objectivity of the class work. The essence of the class is to prepare the seniors, many of whom can now vote, for informed and effective participation in a world society.

1 Semester

.5 credit (Social Studies)

Elective

THEOLOGY

THEOLOGY 9: FRESHMAN

"The Revelation of Jesus Christ in Scripture": This course explores the Revelation of Jesus Christ in Scripture by giving students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible students will come to encounter the living Word of God, Jesus Christ. They will pay particular attention to the Gospels where they may grow and love Jesus Christ. This course examines the question, "Who is Jesus Christ?" as presented in Scripture and Tradition. In learning about who Jesus is, students will also learn who he calls them to be.

2 Semesters

1 credit (Theology)

Required

THEOLOGY 10: SOPHOMORE

"Sacraments as Privileged Encounters with Jesus Christ": The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

"Life in Jesus Christ": The purpose of this course is to help students understand that Jesus Christ is the way, truth and life for fully living out God's plan for their lives. Students learn moral concepts and precepts that govern the lives of Christ's disciples and apply these principles to their lives.

2 Semesters

1 credit (Theology)

Required

THEOLOGY 11: JUNIOR

"Living as a Disciple of Jesus Christ in Society": The purpose of this course is to introduce students to the Church's Social Teaching. In this course students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. Also, this course explores works of justice and charity in our local community.

"Jesus Christ's Mission Continues in the Church": The purpose of this course is to help students understand that in and through the Church they encounter the living Jesus Christ. Students will explore the sacred nature of the Church founded by Christ through the Apostles and sustained by him through the Holy Spirit. Also, students will come to know that the Church is the living Body of Christ today and that this Body has both divine and human elements.

2 Semesters

1 credit (Theology)

Required

THEOLOGY 12: SENIOR

"Ecumenical and Interreligious Issues": Students study the doctrine and scriptures of the major religions of the world and cross-reference them to the Judeo-Christian faith tradition. They will have the opportunity to grow in their understanding of the mystery of God's presence revealed in humankind today. In this context, students will reflect upon, recognize, and develop their own spirituality and expression of living a life of faith. The course will include prayer experiences to assist each student in developing her relationship with God. In addition, it will provide opportunities to explore and reflect upon the Holy Spirit and upon the spiritual lives of contemporary and historical figures who can guide and model how to live in relationship with God.

2 Semesters

1 credit (Theology)

Required

COLLEGE CREDIT THEOLOGY 12: SENIOR

"Ecumenical and Interreligious Issues": This course is an introduction to the history, belief-systems, practices, and divisions of the world's major religions. It focuses especially on Hinduism, Sikhism, Buddhism, Jainism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, Islam,

the Baha'i Faith, and Native American spirituality. Students will have the opportunity to grow in their understanding of the mystery of God's presence revealed in humankind today. In this context, students will reflect upon, recognize, and develop their own spirituality and expression of living a life of faith. The course will include prayer experiences to assist each student in developing her relationship with God. This course is more rigorous than Theology 12, including daily readings, unit assessments, papers, and semester assessments.

2 Semesters

1 Credit (Theology)

Fulfills Theology 12 Requirement

SALESIAN SERVICE REQUIREMENTS

Because Visitation's spirituality is Salesian, our approach to service must also be Salesian. What does that mean? The answer can be found in the holy friendship between St. Francis DeSales and St. Jane DeChantal, in the way both of them approached the conflicts of their time through dialogue and relationship, and in the kindness and gentleness of our own Visitation Sisters over the years. Our Salesian service must involve friendship, relationship, gentleness, and kindness.

- *FRESHMEN AND SOPHOMORES*: Students must complete two "meaningful service experiences," one each semester, and log them into First and Second Semester Journal Reflection Pages in their OneNote Service Notebook. An experience is "meaningful" if it involves working directly with people who face significant challenges.
- *JUNIORS*: 50-60 hours of service will be completed through Junior Apostolic. Students complete their hours of community service to a single organization of their choosing. Juniors will begin the Apostolic Service Learning Program with a retreat and end the two-week period with a follow-up session to reflect, analyze and discuss their experience.
- *SENIORS*: Students will complete an extended service-learning project based on their Junior Apostolic experience.

SALESIAN STUDIES

In Grades 9-12 each year's curriculum includes a different facet of the Spirituality of Sts. Francis de Sales and Jane de Chantal which is a component part of Visitation education.

- *Grade 9*: Study of the kind of Scriptural prayer characteristic of Sts. Francis and Jane
- *Grade 10*: Exploration of the "Little Virtues" characteristic of Salesian Spirituality.
- *Grade 11*: A prayerful investigation of Salesian themes that shaped the vision of Sts. Francis and Jane
- *Grade 12*: In the study of the Religions of the World students identify aspects of Salesian Spirituality.

NON-DEPARTMENTAL PROGRAMS

ENTREPRENEURSHIP PROGRAM

The Ellen Thomasson Malecek Entrepreneurial Leadership Program is designed to develop critical problem solving, leadership, and organizational skills needed to be successful in today's ever-changing world.

1 or 2 Semesters .5 Credit (Elective – Committee Approval)

ENTREPRENEURIAL LEADERSHIP

A continuation of the entrepreneurship program for students who have successfully satisfied the requirements of the pre-requisite – entrepreneurship.

1 or 2 Semesters .5 Credit

INDEPENDENT STUDY

Visitation Academy has partnered with One Schoolhouse, Online School for Girls and the Virtual High School to offer select students the opportunity to enroll in an online course. This option may be available when enrollment is not sufficient for Visitation Academy to offer the course or based on individual student interest. The process requires an application and departmental and administrative approval. The cost to enroll in an online course may be financed by Visitation Academy or may require parental financial support based on the course selected. Online Courses completed in the past two years follow:

AP Art History AP Economics AP Environmental Science AP Government
Biotechnology Marketing and the Internet Neuroscience

LEADERSHIP EXPLORATION AND DEVELOPMENT (LEAD): SENIOR

Students will explore leadership traits and skills to grow into strong leaders. The course will utilize materials from Dr. Tim Elmore, specifically *Habitudes*, which will guide students to survey and evaluate their ability to communicate, deal with failure and achievements, and many other abilities surrounding leadership. Students will engage in projects and discussion in the course. Guest speakers will also be a component of this course. The goal will be to have speakers who are leaders in their respective fields. Students who sign up for this course must be able to act independently with a project schedule and meet outside school obligations. The class is taken throughout the entire school year, both semesters, for .5 credit. .25 credit will be earned during school hours/class and .25 credit will be earned through experiences outside school – could be weekdays and/or Saturday(s). **NO BOOK(S) REQUIRED.** All materials will be provided by the instructor

2 Semesters .5 credit (Elective)

OWNING UP

During 9th grade, all students will complete the Owing Up™ Curriculum. The curriculum addresses the following objectives through group discussion, role plays, and other activities.

- Examine behaviors and attitudes associated with groups, trust, and exclusion.
- Learn strategies for effective communication and conflict resolution
- Recognize the influence of culture and media on individual's behavior, decision making, and interactions with others.
- Define and understand the impact of cyber-bullying and brainstorm solutions
- Identify and strengthen support networks and personal standards of dignity