

Course Catalog

2010 - 2011



Saint Mary's College High School
Berkeley, California



Mission Statement

As a Christ-centered community striving to live the mission of Saint John Baptist de La Salle, Saint Mary's College High School is a Catholic school where diversity and inclusion are essential and quality education is our active ministry.

With community support and faith grounded in love, Saint Mary's students pursue a life of virtue and scholarship that extends beyond the completion of a college preparatory curriculum to assuming societal roles of responsibility and service.

Lasallian Educational Outcomes (LEOs)

A Saint Mary's College High School graduate...

Spiritual: engages life consciously and acquires a Catholic and Lasallian worldview inspired by the Gospel, the teachings of the Catholic Church, and the mission of Saint John Baptist de La Salle.

Physical: demonstrates respect for truth and goodness of God's universe

Emphasis: • *Acquiring scientific knowledge and method* • *Concern for the environment, health and fitness* • *Participation in athletics and dance*
• *Relating to the materials of artistic expression*

Emotional: responds positively to the creative potential of emotion

Emphasis: • *Skillful, authentic expression in the arts* • *Coping with adversity and prosperity* • *Developing empathy* • *Setting goals, realizing hope*

Intellectual: is academically prepared for college; is curious about the world; and demonstrates disciplined, imaginative thinking

Emphasis: • *Critical thinking and problem solving* • *Effective oral and written communication* • *Accessing and analyzing information* •
Transferring skills and knowledge to new situations • *Service learning*

Communal: actively contributes to communities, ranging from local to global, based on the recognition that we are responsible for each other

Emphasis: • *Concern for the poor* • *Social justice* • *Building community amid diversity* • *Community service*

Integral: seeks to become an independent, responsible, and reflective person, supported by the Saint Mary's community

Emphasis: • *Developing discernment and sound moral judgment* •
Developing resiliency

Table of Contents

Curriculum Overview and Requirements

Curriculum Overview	4
Using this <i>Course Catalog</i>	4
Guide to Terms and Abbreviations	5
Graduation Requirements	5
Grade Level and Typical Course Load Requirements.....	6
Graduation & College Entrance: Comparison Chart	6
College Entrance Requirements	7
UC and CSU Subject Requirements Chart	8
Academic Office Procedures	9
Course and Schedule Changes.....	10
Advanced Placement and Honors Courses	11
Philosophy of the AP Program at Saint Mary's	12

Course Offerings by Department

English.....	13
International Languages	18
Mathematics	23
Physical Education & Health.....	26
Religious Studies	27
Science.....	30
Social Studies	33
Visual and Performing Arts.....	37
Interdepartmental and Co-curricular	43
Standards and Guidelines	45
Course Planning Worksheet.....	47

Curriculum Overview

The program of study described in this *Course Catalog* embodies the educational mission and philosophy of Saint Mary's College High School. The curriculum, as a whole, provides the intellectually rigorous course work students need as part of an integrated, well-rounded, college preparatory education offered in the Catholic and Lasallian tradition.

Each year, the curriculum is evaluated in light of the School's philosophy, current state educational framework, college and university prerequisite and requirements, and program requirements prompted by student need and interest. Our goal is to provide for each student the most vital and comprehensive educational program possible.

All Saint Mary's students are required to take a specified number of core courses designed to introduce them to the arts, humanities, sciences and social sciences, while simultaneously fulfilling the entrance requirements of colleges and universities. Requirements beyond the core program may be fulfilled by the courses listed in the elective lists for lower-division and upper-division students.

SERVICE LEARNING, COMMUNITY BLOCK AND ENRICHMENT WEEK

In addition to the core academic program, Saint Mary's offers students a variety of required programs that fulfill our mission to educate the whole person. **Service Learning** is a teaching methodology that incorporates Catholic social teachings, direct service and reflection into a student's understanding and application of core academic subjects. Students will participate in several service learning projects in various courses throughout their four years at Saint Mary's.

Community Block (often referred to as C-Block) is a program in which students and faculty group leaders follow a curriculum designed by the Guidance & Counseling Department to foster students' personal, social and academic growth.

In keeping with our mission, the **Enrichment Week** program in March promotes the intellectual, spiritual, and social development of each student while at the same time creating community. The curriculum for Enrichment Week is developed by the faculty and contains a mix of academic, travel, career exploration, and recreational classes. Students are expected to explore each type of class over the course of their four years at Saint Mary's. Upper-division students may also design their own course of study, subject to administrative approval.

For more details regarding these programs, please see the *Student-Parent Handbook*.

Using this Course Catalog

This *Course Catalog* contains brief descriptions of the courses Saint Mary's College High School will offer for the next two academic years. The information in this *Catalog* will aid students and parents in the selection of an appropriate course of study at Saint Mary's. Parents and students alike should take seriously the responsibility of understanding this academic catalog.

This catalog also provides a basis for selection of a student's appropriate direction and level of study within the academic program of Saint Mary's College High School. Courses with no listed prerequisite generally require a passing grade in any previous course in the same discipline. Other eligibility requirements are noted when applicable. In planning their academic program, students are asked to identify the **required** courses that they must take, the courses they must choose as **selectives**, and the ones that are optional as **electives**.

Three major factors must be considered when selecting courses:

- First, review the **graduation requirements** of Saint Mary's (overall and by department) in terms of the number of units and the specific curriculum areas in which the units must be taken.
- Second, consider the **requirements for admission** to the range of colleges and universities suitable to the student.
- Third, evaluate the ability of the student as indicated by grades in prerequisite classes before attempting to enroll in courses for which the student may or may not be qualified.

It is ultimately the student's responsibility to sign up for the proper courses to ensure that all graduation requirements are fulfilled. However, it is also important for the school to maintain the pace and academic integrity of the program by monitoring students' eligibility for all courses. The academic vice principal, counselors and faculty are available to assist students whenever explanation and clarification are needed. Finally, students need to be agents of their own learning; the ultimate responsibility for education rests with each student.

Because elective and selective courses are offered in limited schedule locations, it is impossible to guarantee that students will receive their first or second choice requests; however, the academic office will make every effort to honor students' preferences when possible. Actual course offerings depend upon school enrollment, course enrollment, and teacher availability.

Good planning results in flexibility and a program of studies that addresses individual needs, aspirations, and aptitudes. If students have questions or need assistance in program evaluation, they may see their counselor or the academic vice principal.

Guide to Terms and Abbreviations

(P) college preparatory courses which satisfy UC/CSU subject requirements

(H) honors and Advanced Placement (AP) level academic courses

(A) courses whose grades are calculated in a student's **academic** GPA

(N) courses that are not calculated in a student's academic GPA

(units) number of semester units (or credits) awarded upon successful completion of a course. Semester course equals 5 units; year-long courses equal 10. Z-block courses are usually 2.5 units per semester.

Saint Mary's Graduation Requirements

Each student must successfully complete required courses and the specified number of electives indicated below to be eligible for graduation. The School offers students information and guidance regarding their academic program at various times during the school year. A student's academic program will depend on his/her academic abilities, grades, individual and family goals, and co-curricular commitments.

A minimum of 260 credits (units) is required for graduation. To be eligible for graduation, a senior student's transcript must show passing grades in all courses. Teacher's Assistant and Office Aide credits do not count toward graduation requirements. Any F grades in semester marking periods in grades 9-12 must have been made up through the successful completion of courses matching those s/he failed. No diploma will be awarded until any existing semester F grades have been remediated.

Grade Level and Typical Course Load Requirements

Freshman Year (70 units)	Sophomore Year (70 units)	Junior Year (60 units)	Senior Year (60 units)
<ol style="list-style-type: none"> 1. Faith & Religion 2. English 1-2 3. PE/Health 4. International Language 5. Mathematics 6. Biology 7. Visual & Performing Arts 	<ol style="list-style-type: none"> 1. Scripture 2. English 3-4 3. World History 4. International Language 5. Mathematics 6. Chemistry/Conceptual Physics 7. Visual & Performing Arts/ Elective 	<ol style="list-style-type: none"> 1. Religion Selectives 2. English Selectives 3. U.S. History 4. Mathematics 5. Science 6. Elective (i.e. Language) 7. Elective 	<ol style="list-style-type: none"> 1. Religion Selectives 2. English Selectives 3. Social Studies Selectives 4. Elective (i.e. Math) 5. Elective (i.e. Science) 6. Elective (i.e. Language) 7. Elective

Five (5) semester units are awarded for the successful completion of each regular semester course. Courses for which fewer credits are awarded are noted as such. Academic courses recognized by the University of California as being college preparatory in content are designated by **(P)**. Courses recognized by UC as being college preparatory and AP or honors level in content are designated by **(H) (P)**. All other courses calculated in a student’s academic GPA are designated by **(A)**. Courses that are not specifically academic in nature and not calculated in the academic GPA are designated by **(N)**.

Graduation and College Entrance Minimum Requirements Comparison Chart

Note: This chart represents minimum requirements only.

Academic Areas	Saint Mary's Graduation Requirements		UC and CSU Requirements
	Years	Credit	Years
Electives*		60	1
English	4	40	4
International Language	2	20	2
Mathematics	3	30	3
PE & Health	1	10	0
Religious Studies	4	40	0
Science**	3	30	2
Social Studies (History)	3	30	2
Visual & Performing Arts	1	10	1
Total Core		260	15

*Any course taken beyond the department requirements is considered an elective. (e.g., Introduction to Calculus, French 5-6, etc.)

**UC requires at least two of the following: biology, chemistry, or physics. CSU requires at least two years of a lab science in two different areas, biological and physical.

College Entrance Requirements

Saint Mary's College High School graduates are prepared to continue their education at the college or university level. Admission standards vary greatly depending on the college or university. While Saint Mary's makes every effort to see that students take courses commensurate with their ability and future goals, the final responsibility for meeting entrance requirements rests with students and their parents. Students should consult the college counselor for information and guidance.

University Of California (UC)

This system consists of nine undergraduate campuses. Minimum eligibility requirements for all nine schools are the same. The University defines a "freshman applicant" as a student who has graduated from high school but who has not enrolled since graduation in any collegiate-level institution.

Minimum Freshman Admissions Requirements

To be eligible for admission to the University as a freshman, one must meet the Subject Requirement, the Scholarship Requirement, and the Examination Requirement. A *minimum* of fifteen (15) units, to be taken during grades 9-12, is required for admission to the University of California (a one year high school course = one unit; a one semester course = 1/2 unit). These fifteen units must be UC approved college preparatory units, and of these fifteen units, at least seven (7) must be taken during the last two years of high school. Academic college preparatory units consist of courses in English, mathematics, laboratory science, international language, history, social science, and visual and performing arts.

I. Specific Course Requirements

Specific course requirements are referred to as the "a-g" subject requirements (see the chart on p. 8).

II. Scholarship Requirements:

In calculating the grade point average for admission, grades for all (P) courses taken in grades 10-11 are counted as follows: A = 4, B = 3, C = 2.

A. All courses used to satisfy the a-g requirements must be completed with a grade of C- or better. Students must achieve a GPA of 3.0 or higher; they must also achieve the necessary college entrance test scores indicated in the Eligibility Index to meet admissions eligibility requirements. Consult with the college counselor regarding the Eligibility Index.

B. Accordingly, the University gives extra weight to grades earned in Advanced Placement and *upper division* honors classes in grades 10 and 11 if these courses are approved by the University. Honors courses are designated by an (H).

III. Examination Requirement:

The following tests are required of all freshman applicants:

A. The SAT Reasoning Test (critical reading, math, and writing scores must come from the same sitting); OR the ACT (American College Test), in which the composite score will be used.

B. Two SAT Subject Tests in different areas: Mathematics Level II, Science, Literature, Foreign Language, or History/Social Science.

California State Universities (CSU)

Minimum eligibility requirements for all undergraduate schools are the same. Students will qualify for regular admission as first-time freshmen if they:

1. meet the eligibility index with their grade point average and test scores (see college counselor), and
2. have completed with grades of C or better the courses in the comprehensive pattern of college preparatory a-g subject requirements (courses approved by UC are also approved by the CSU system).

Students may be required to meet higher admission requirements for impacted programs (see college counselor).

Subject Requirements: The California State University requires that first-time freshman applicants complete, with grade of C or better, a comprehensive pattern of college preparatory study totaling 15 units. A “unit” is one year of study in high school.

Honors Level Courses: CSU gives extra weight to grades earned in Advanced Placement and *upper division* honors classes in grades 10 and 11 if these courses are approved by the University. Honors courses are designated by an (H).

Examination Requirements: Either SAT Reasoning Test or ACT. No SAT Subject Tests are required.

Subject Area	University of California & California State University Subject Requirements
<p style="text-align: center;">a. History/Social Studies</p>	<p>Two years of history/social science to include: one year U.S. History or one semester of U.S. History and one semester of Civics or American Government and one year of world history, cultures, or geography</p>
<p style="text-align: center;">b. English</p>	<p>Four years of college preparatory English literature and composition</p>
<p style="text-align: center;">c. Mathematics</p>	<p>Three years of elementary algebra, geometry, and intermediate algebra <i>Four years of mathematics are recommended.</i></p>
<p style="text-align: center;">d. Laboratory Science</p>	<p>Two years of a laboratory science in at least two of these three areas: biology, chemistry, and physics CSU requires at least one year of biological science and one year of physical science. <i>Three years of laboratory science are recommended.</i></p>
<p style="text-align: center;">e. International Language</p>	<p>Two years of a language other than English <i>Three years of study of the same international language are recommended.</i></p>
<p style="text-align: center;">f. Visual and Performing Arts</p>	<p>One year of visual or performing arts: art, dance, drama, music</p>
<p style="text-align: center;">g. College Preparatory Electives</p>	<p>One year to be chosen from the following areas: History, English, advanced mathematics, laboratory science, languages other than English (a third year in the language used for the “e” requirement or two years of another language), social science, and visual and performing arts.</p>

California Community Colleges (CCC)

This system is composed of numerous two-year colleges located throughout the state of California. Admission is granted to high school graduates, those achieving Certificates of Proficiency, or those who have reached 18 years of age.

Private Colleges and Universities

Private colleges and universities have varying admissions policies and expectations. They give individual attention to the student profile, allowing consideration for various factors. These factors include examinations (SAT Reasoning Test or ACT), a solid college preparatory program, and involvement in co-curricular activities. Individual college catalogs should be consulted for specific requirements and procedures. Consult the Saint Mary's college counselor and the other resources on campus for information regarding private colleges and their admissions policies.

Academic Office Procedures

Enrollment: The normal attendance requirement is the equivalent of eight semesters. Exceptions to minimum requirements may be made by the academic vice principal. Students must take all the courses prescribed in the curriculum to fulfill those requirements.

Transfer Students: Students transferring into Saint Mary's must take all the courses listed from the time of their entrance and may be required to make up during the summer certain Saint Mary's requirements not indicated on their transcript of record from the previous school. They will not usually be required to make up specific course requirements from earlier grade levels. They will need to meet the requirements for the grade level in which they enroll and in succeeding grade levels. Upon entering Saint Mary's, transfer students will have their transcripts evaluated in light of college and university requirements.

Semester Grades: Semester grades are the only grades recorded on a student's permanent transcript. The six-week grades, which are actually progress reports, are not recorded on a student's permanent transcript. Grades recorded on the transcript cannot be removed or replaced by supplemental course work.

Semester F grades must be made up through a program of studies authorized by the Vice Principal of Academic Affairs. This usually involves a student's attending a recognized summer school or concurrent enrollment program. The grades received in summer school or concurrent courses are noted on the transcript, but not calculated into the student's GPA. The parent **must** request that the school send the grades to Saint Mary's before the student may register for the next level of a course or be considered to be in good standing. Certain courses offered on-line may be approved by the Vice Principal of Academic Affairs to make up D or F grades.

D Grades (Non-recommending to colleges): Since a D grade is not a recommending grade for entrance to college, students with a grade of D are strongly encouraged to attend summer school to repeat the subject. Additionally, many of the Saint Mary's courses require as prerequisites a proficiency in the previous level course as designated by a specific grade earned (D grades will disqualify). Please note the required prerequisite/guideline for continuing in each subject and for eligibility to AP and honors courses. Refer to "Standards and Guidelines" (p. 41), for more detailed information.

F Grades (Failing): If a student earns an F semester grade, the course must be made up before the student returns in the fall in a summer school or concurrent enrollment equivalency course recognized by Saint Mary's. A grade of "D" or better must be earned before continuation at Saint Mary's is allowed. If students fail both the fall and spring semesters of such a course, they will be required to make up both semesters. Retaking the spring semester course in summer will not necessarily eliminate the requirement of repeating the fall semester as well. In year-long math, international language, and some science courses, an F grade earned for the first five credits (first semester) of a course may be later changed to a D- grade if the grade

for the remaining five credits (second semester) is C- or better. In year-long or semester-long English, religion, social studies, PE/Health, and visual and performing arts courses, an F grade earned for a semester must be repeated in a summer school or a concurrent enrollment equivalency course recognized by Saint Mary's.

Students are subject to expulsion or dismissal if they receive three or more semester F grades during an academic year or if they lose the equivalent of 15 semester credits during an academic year. See the *Student-Parent Handbook* for further information on probation, eligibility and conditions of continuation.

Summer Programs: Summer school classes are for make-up or enrichment purposes only. Students cannot accelerate their program sequence with summer school courses. Math is the exception and only with approval of the department chairperson and the academic vice principal. A written request must be made by the student and parent to the math department chairperson prior to April 15th.

Concurrent Enrollment Programs: Courses required by Saint Mary's must be taken on campus during the school year. Students may wish to take classes to get an early start on their college careers, make up for poor marks received earlier, or for their own personal enrichment. In general, a student may not take concurrently more than one off-campus course while taking courses at Saint Mary's. Only classes offered outside the school day (afternoons, evenings and on Saturday) are acceptable for Saint Mary's students. Previous commitments to the regular course of studies, interscholastic athletic teams, visual and performing arts programs, or other important student activity responsibilities may preclude a student from entering off-campus programs. Students will not be allowed to drop courses at Saint Mary's in the middle of a semester to enter an off-campus program conducted on a quarterly basis.

Please Note: Exceptions to these policies will only be made if warranted by extraordinary circumstances. Requests for exceptions may be made by parents, in writing, to the academic vice principal. For more information on all academic office matters, please refer to the Student-Parent Handbook.

Course and Schedule Changes

Every effort is made to grant students their course preferences, but due to scheduling constraints and space limitations, not every request will be accommodated. **After the 2010-2011 academic schedules are made available, students may request changes before the end of the current school year.**

Changes in course selection will be granted only if substantial need is demonstrated and space in the requested course(s) is available.

- ◆ Requests for specific teachers will not be accepted.
- ◆ Please note that there will be **no add/drop period** in the fall or spring semesters.
- ◆ A student enrolled in a year-long course may not drop the course in the second semester.

Advanced Placement and Honors Courses

The Advanced Placement Program[®] consists of 34 college-level courses and exams in 19 subject areas designed for highly motivated students in secondary schools. A passing score on an AP exam usually entitles students to some degree of credit or advancement during their freshman year in college (check with the college or university in question, as specifics vary widely). Most schools offer some of the subjects for which exams are available and offer preparation for the exams in addition to course content in the subject. Although students may sign up to take any exam at any participating test center based on independent study, most prefer to enroll in an AP course and take the exam in May with their classmates. Every year, interested and qualified Saint Mary's students take AP exams in various subjects. Students may elect to enroll in one or more of the various AP courses offered to upper division students. (Available AP courses are titled as such and designated by an (H) throughout this *Course Catalog*).

Advanced Placement courses generally require preparation (homework, projects, reading, writing, tests, and quizzes) that is more in depth and time-consuming than regular classes. When planning their schedule, students should consider taking AP classes in subjects that most interest them rather than taking an excessive course load that leaves little time for real engagement with the subject.

In order to meet both the expectations of the College Board and be in keeping with the SMCHS academic mission and philosophy, all AP courses are subject to the following policies:

- a. All AP courses will have prerequisite/guideline grade requirements to be determined by the department in which the course is taught.
- b. AP course grades will be based on mastery of course content and completion of assignments, not a student's performance on the AP exam in May.
- c. Students enrolled in AP courses will have weighted *internal* GPAs; the GPA on official school transcripts is unweighted (see *Student-Parent Handbook* for weighted grading scale).
- d. Students enrolled in AP courses must take the AP exam in May. Failure to take the exam will result in a note to that effect on a student's transcript; grade penalties in the class are at the discretion of the teacher. Students will also lose the AP "weight" on their internal GPAs.
- e. All AP courses are required to have a final examination in the fall and a final assessment in the spring semester. Course content will be taught through the end of the semester, regardless of the date of the AP exam.
- f. Families will be billed directly for the AP exam(s) fees (about \$80 each) along with tuition to facilitate payment over several months. Fee reductions are available to those who qualify (see the business office for details).

The Philosophy of the AP Program at Saint Mary's

Consistent with its mission as a Lasallian college preparatory school, Saint Mary's offers a number of Advanced Placement courses to its students. An established, nationally recognized program, Advanced Placement courses are available to students who are willing to undertake more complex, challenging course work. The foundation for the skills and knowledge a student must master to succeed in an Advanced Placement course is laid in the college-prep program beginning in the Saint Mary's student's freshman year and built upon in each succeeding year. In general, superior performance in appropriate college-preparatory courses suggests readiness for Advanced Placement work. While Advanced Placement courses often emphasize a broad range of topics to study, Saint Mary's Advanced Placement teachers may emphasize additional topics and skills students need to succeed at the college level.

The Expectations and Challenges of Advanced Placement for Saint Mary's Students

Saint Mary's is committed to the education of the whole person, and the school works with students and parents to balance students' academic, spiritual, and co-curricular demands so that they can ably manage the challenges of high-school life. All students who meet the graduation requirements of Saint Mary's are prepared for college coursework. AP courses are very rigorous, and they accelerate students' preparation for college. Each AP course poses its own distinct challenges, and as a result departments have identified specific prerequisite and guidelines to assist faculty, administrators, students, and parents in determining whether a student is prepared for the challenges of an AP course. These prerequisites and guidelines may include minimum grade point averages, course prerequisites, placement examinations, portfolios of student work, and instructor approvals.

While Saint Mary's encourages students to challenge themselves academically, we also counsel prudence in course selection so that academic challenges are beneficial and not detrimental to student development. Once admitted to an AP course, a Saint Mary's student must be committed to completing the course and any preparatory summer work. Students will not be dropped from an AP course roster without the approval of the Administration. Saint Mary's requires that students enrolled in an AP course will take the culminating AP exams. In cases when the school is concerned a student is overextending himself/ or herself by taking an AP course, parents and students may be asked to agree in writing that the student and parents understand the challenges of AP coursework and that the student will complete the course.

Interpretation of Individual and School-Wide AP Exam Performance

In addition to achieving the Saint Mary's learning outcomes, a key goal for Advanced Placement students is performing successfully on the Advanced Placement exams. Saint Mary's recognizes that students who successfully complete AP courses and the subsequent AP exams may derive a benefit in gaining admission to the colleges and universities of their choice. While Saint Mary's is proud of the success of its students on AP exams, "pass rates" alone do not indicate instructional excellence. More significant is the high number of Saint Mary's students willing and able to take on the educational challenge of AP courses.

The Effect of AP Courses on Grade-Point Averages

Saint Mary's students' grade-point averages, as published on student transcripts, are unweighted. Students' grades in Advanced Placement & Honors courses at Saint Mary's do carry an additional grade point value, which is used internally for academic honors and recognition and is not published. It is important to note that colleges and universities determine for themselves how much added value an AP course should carry during their admissions process.

Honors and AP Courses during Z-block

Some Honors and AP courses are incorporated fully into the regular class periods; others utilize the z-block period. In the latter case, students are enrolled in a course during the regular class day and then are required to participate in an additional seminar once or twice per week (z-block) in order to maintain their AP status in the class. The z-block "seminar" is equal to 2.5 units per semester on the student's transcript, but those units will not count toward the elective units necessary for graduation.

English

Graduation requirement: Four years (40 units)

Lower Division

Freshman English 1-2 10 units
Or English 1-2 Honors 10 units

Sophomore English 3-4 10 units

Junior Curriculum

American Literature 10 units
Or

AP Language and Composition 10 units

Senior Selectives

The Classic Novel/English Literature 10 units
Or

What a Work is Man/An Odyssey of Youth 10 units
Or

AP Literature and Composition 10 units

Summer reading will be required for each grade level.

LOWER DIVISION CORE CURRICULUM

ENGLISH 1-2 (P)

Course Number: 2010
Units: 10/year

The Freshman English course at Saint Mary's was recently structured as a pair of semester-length courses in which all students learn the techniques of analyzing literature in long form (novels and plays) in one course plus learn the specific lessons of expository writing in the other course. They will then use those lessons in reading and writing across the curriculum throughout their high school careers. Literary genres include short story, novel, poetry, drama, and non-fiction. The course will focus on close reading and analysis of literature, as well as the study of how various literary elements and techniques function within a text. The writing component will focus on Exposition and introduce students to the modes of description, narration, definition, and classification. Initially, the students will begin with the elements of a well-structured paragraph and the development of clear solid thesis statements. They will move towards the mastery of the multiple paragraph essay. Correct grammar and punctuation, and the study of SAT level vocabulary will also be emphasized.

ENGLISH 1-2 (H) *

Course Number:
Units: 10/year
Guideline:: Grade 9. Placement determined by HSPT and English Assessment Test.

English 1-2 Honors is an Honors-level course for freshmen who demonstrate excellence in all phases of reading and writing on their entrance exam and who achieved a high level in grades 7

and 8. Students will read, analyze and write about literature at an accelerated pace. Students will generate ideas based on their identification of theme, followed by similar standards for being precise and concise in revising and editing their writing. Students will be exposed to short and long forms of literature while studying various genres and styles that reflect different eras and cultures. An emphasis will be placed on understanding the historical context of literature and how it relates to themes of poetry and prose. In addition to novels and plays, students will work with literature from their class Reader compiled by Saint Mary's English department. All forms of formal thesis essay writing will be taught in a step-by-step process, along with grammar and vocabulary, designed to give students a structure for placing their ideas. Such structure will also be in place for such modes as narrative, description, argument, and persuasion, where students will learn more about themselves as they write about their chosen subjects. Written work will be measured in categories including: Thoroughness of Content, Depth of Analysis and Quality of Writing.

ENGLISH 3-4 (P)

Course Number: 2020
Units: 10/year

This course will continue to build upon the skills and knowledge learned in English 1-2. The reading on this level will focus on longer works of literature such as the novel and the play. Critical reading and analysis will be emphasized, as well as the skill of linking knowledge cross-curricularly, through the integration and synthesis of literature with the disciplines of History, Religion, and Foreign Language. The writing component of this level will focus on Persuasion, Argumentation, and Literary Analysis, examining and employing the modes of comparison/contrast, cause/effect, and problem/solution. Development, refinement, and sophistication of the multiple paragraph essay is the ultimate goal of Sophomore writing. Correct grammar, punctuation, and the study of SAT level vocabulary will continue to be emphasized.

JUNIOR CURRICULUM

In the junior year, students will take American Literature or, if eligible, AP English Language & Composition. American Literature will assume skills learned in the core curriculum and will instead focus on a number of themes and the American literary tradition. Many of the texts will expand and compliment ideas that students are learning in American History.

AP ENGLISH LANGUAGE & COMPOSITION (H) (P)

Course Number:
Units: 10/year
Guideline: Grade 11. Grade of A or A- for both semesters of English 3-4 (Grade 10), along with proven aptitude and achievement in Social Studies courses, plus teacher recommendation based on demonstrative ability to consistently and comprehensively complete assignments and contribute to class discussions.

The AP Language & Composition course will provide students with college-level instruction in the study and writing of various kinds of analytical and persuasive essays. The course will focus on both literary and non-literary topics. Language, rhetoric, and techniques in both exposition and persuasion will be explored and employed in the students' writing. This course will prepare students for the AP Exam by providing them with the skills to read, comprehend, analyze, and write about complex and sophisticated texts and subject matter. *All students enrolled in this course are required to take the Advanced Placement exam. See "AP and Honors Courses" (p. 11 and 12) for more information.*

Summer work is required.

WHAT A PIECE OF WORK IS MAN! (P)

Course Number: 2430
Units: 5/semester

This course focuses on the struggles of the individual in conflict with nature, society, another person, or him/herself. It will explore the complexities of characters in literature, both in the past and the present, and, through the reading, lead to a deeper recognition and understanding of what it is to be a part of the larger human family. Genres may include novel, drama, poetry, and film.

AN ODYSSEY OF YOUTH (P)

Course Number: 2480
Units: 5/semester

This course focuses on works of literature that reflect the journey of youth to maturity, of innocence to experience, of limited self-knowledge to greater self-awareness. The course traces the development of a character throughout a piece of literature and parallels the course of growth of individuals in the real world. Texts will include novel, short story, drama, poetry, autobiography, and essay.

ENGLISH LITERATURE (P)

Course Number: 2490
Units: 5/semester

This course will explore English literature from Beowulf to the Victorian Era, paying specific attention to the culture of England and its influence on the rest of the world. The course will critically read and analyze works of the time periods and genres that have classified English literature as one of the most authentic ways to study the history of Britain. Texts will range from the epic to the drama.

RELATED COURSES TO CONSIDER

The courses below do not fulfill the graduation requirements in this department.

JOURNALISM: NEWSPAPER PRODUCTION AND MANAGEMENT (A)

Course Number: 2600
Units: 10/year
Guideline: Grade 11, 12

This course is a year long English elective that introduces students to the systematic gathering, interpreting, processing and disseminating of information, opinion, and entertainment for print publication. Central to the course is the examination of the legal and ethical rights and responsibilities inherent in a free press. Students will learn and apply the skills they have acquired in previous English courses to publish pieces of creative writing. The school newspaper will provide an authentic audience for students.

CREATIVE WRITERS (A)

Course Number: 0418
Units: 5/year, z-block course

The purpose of this class is to create a supportive, collaborative creative writing community on campus. Class meetings generally include a brief reading upon which we can reflect, a creative writing exercise to generate ideas and provide rough draft material for later revision, the option to read/share the results of those creative writing exercises for praise and feedback, the reading aloud of pieces submitted to *PARADOX* (the Saint Mary's literary magazine) for potential publication, discussion and eventual decision-making on those submissions. In general, only the

editors are involved in the actual formatting and production of the magazine, which occurs outside of class hours, but all students from the class are encouraged to participate. Students who aspire to become editors are strongly encouraged to do so. All students are involved in planning activities surrounding the release of our four annual issues. Field trips and enrichment opportunities may be included. Open to all grade levels.

The course meets once per week during z-block.

* New course: pending UC approval.

International Languages

*Graduation requirement: Two years (20 units)
Three years recommended for college admission.*

The department offers Spanish and French. Student placement in the sequence of courses is based upon testing results and prior grades.

Colleges and universities have varying international languages requirements for entrance, but nearly all require at least two years of the same language and many institutions require three or four years. Colleges and universities also have exit requirements in international languages that may be met by study in high school. Students should consult with the college counselor and individual institutions regarding entrance and exit requirements in international languages.

Native speakers of Spanish and French are strongly encouraged to take the language placement test.

Native speakers of Spanish are encouraged to choose one of the following options:

- a. Study of Spanish for Native Speakers (then Spanish 7-8 and AP Spanish provided that the student meets the prerequisites).
- b. Study of French as a third language (in their freshman year, or after taking their last year of Spanish language).

Native speakers of French should carefully plan a course of study for their four years at Saint Mary's. The department encourages the following options:

- a. Study of a third language (Spanish).
- b. Completion of French program. Language placement test should be taken to determine appropriate level.

FRENCH COURSES

FRENCH 1-2 (P)

Course Number: 3010
Units: 10/year

The study of French begins with the introduction of communicative functions required to meet basic needs. The student learns skills such as ordering food, meeting people and getting information about them, providing basic personal information, and giving and receiving directions and information. Students learn to relate activities in the present, passé composé, and near future. Cultural, nonverbal aspects of communication are approached as well. Because communication is the goal of the foreign language class, classroom interaction is expected to take place in French. Classroom activities are generally oral and may consist of individual responses or group work, including skits and role-playing. Grammar is presented not for its own sake, but as a means of transmitting a spoken or written message as accurately as possible. Receptive skills of reading and listening are developed as well; audio materials, which stress listening comprehension and oral response, are used in the classroom. Videos are used for cultural enrichment.

FRENCH 3-4 (P)

Course Number: 3020
Units: 10/year
Guideline: *Grade of C- or higher in level 1-2 class or grade of 70% or better on a second year placement test.*

During the second year of foreign language study, students continue to develop foreign language skills in the areas of listening, speaking, reading, and writing. Communicative functions are expanded to include renting and paying for a hotel room, reading and understanding classified ads, talking about one's health and fitness, and narrating about the past. Accuracy of communication becomes more important as students learn to use past tenses, object pronouns, and reflexive verbs. As in the first year, students will be expected to participate in oral activities in the classroom individually and in groups. Classroom interaction is expected to take place in French.

FRENCH 5-6 (P)

Course Number: 3030
Units: 10/year
Guideline: *Grade of B- in French 3-4, 80% or better on a third year placement test.*

This course continues to develop the communicative skills begun in the first two years of study, especially functional language as might be needed by the serious traveler or student living in France or a French-speaking country. Grammar includes study of the subjunctive mood, relative pronouns and further study of object pronouns. Greater emphasis is placed on reading and writing skills this year. Reading becomes more complex and varied; students read at least one supplemental text as well as materials provided by the teacher. Study of cultural and historical aspects of the French-speaking world continues. French is the working language of this class, which *requires a solid foundation* in the grammar and vocabulary learned in the first two years.

FRENCH 7-8 (P)

Course Number: 3040
Units: 10/year
Guideline: *Grade of B- or higher in French 5-6.*

The fourth-year course of study continues the advanced study of grammar and syntax. However, more emphasis is placed on readings and discussion of the readings, and essay writing takes place on a regular basis. Included in the reading materials are at least one novel or play from the Advanced Placement reading list as well as supplementary material provided by the teacher. Students may be required to study independently. French is the working language in this course. Little to no English is permitted in the classroom. Preparation for the Advanced Placement Examination in French Language may be available for qualified students.

FRENCH 9-10 (P)

Course Number: 3050
Units: 10/year
Guideline: *Grade of B- or higher in French 7-8.*

Students will continue to develop listening, speaking, reading, and writing skills with the goals of refining language proficiency and preparing those who so desire to take the French Language Advanced Placement examination. The class, in which little to no English is permitted in the classroom, emphasizes communicative proficiency in reading, writing, listening and speaking. Reading materials include poetry, fiction, theater and nonfiction. Enrollment does not require the student to take the AP exam.

AP FRENCH LANGUAGE (H) (P)

Course Number: 3101 **and** 3100

Units: 10/year

Guideline: Grade of A- or higher in French 5-6 or French 7-8. Concurrent enrollment in French Seminar required.

Students enrolled in AP French will participate in their regular upper division French class and also be required to attend supplemental sessions during z-blocks. During the course of their class and the supplemental sessions, students will refine their reading, writing, speaking and listening skills in order to prepare to take the Advanced Placement examination in French Language. Materials will include college level texts and primary reading sources as well as supplementary video and audio materials. A thorough review of grammar is conducted and weekly expository and creative writing assignments are given. Students can expect significant class work and homework. The course is taught in French. *Students are required to take the French Language AP exam. See "AP and Honors Courses" (p. 11 and 12) for more information. **Students in AP French must also register for the French Seminar (3100), which meets weekly. Summer work is required.***

SPANISH COURSES

SPANISH FOR NATIVE SPEAKERS (P) (will be recorded as Spanish 3-4 on transcripts)

Course Number: 3572

Units: 10/year

Guideline: Grade 9 ONLY. Placement test. Teacher recommendation.

Students who qualify to take this class are already able to understand authentic oral and written texts and speak Spanish clearly. These students, however, are in need of a stronger grammatical basis to be able to express ideas in speaking and writing using complete sentences and paragraphs. A placement test will be given to see if candidates meet the minimum competences required for this course.

This course includes a thorough review of the grammar rules, the spelling, and the use of accents in Spanish. Students will read and write extensively, give oral presentations, and participate in debates, all while learning about the fundamental grammatical structures of Spanish and the many ways this language can be used in both formal and informal settings. Students learn about the culture of the over 20 Spanish-speaking countries in the world through the literature they read and grammar they encounter.

Students will examine not only linguistic but socio-cultural issues, developing a great appreciation of their Hispanic Heritage.

The class will be taught exclusively in Spanish.

SPANISH 1-2 (P)

Course Number: 3510

Units: 10/year

The study of a foreign language begins with the introduction of communicative functions required to meet basic needs. The student learns skills such as ordering food, meeting and getting information about people, providing basic personal information, and giving and receiving directions and information. Students learn to relate activities in the present, preterit, and near future. Cultural, nonverbal aspects of communication are approached as well. Because communication is the goal of the foreign language class, classroom interaction is expected to take place in Spanish. Classroom activities are frequently oral and may consist of individual response or group work, including skits and role-playing. Grammar is presented not for its own

sake, but as a means of transmitting a spoken or written message as accurately as possible. Receptive skills of reading and listening are developed as well; tapes which stress listening comprehension are used in the classroom.

SPANISH 3-4 (P)

Course Number: 3520
Units: 10/year
Guideline: *Grade of C- or higher in Spanish 1-2 or grade of 70% or better on a second year placement test (summer school may be required).*

During the second year of Spanish, students continue to develop vocabulary and grammar of increasing complexity. Students learn to communicate using the past tenses, object pronouns and reflexive verbs. Equal emphasis is placed on speaking, listening, reading, and writing. As in the first year, classroom interaction is expected in Spanish; students will participate in oral activities in the classroom, individually and in groups. These activities may include dialogue role-playing, creative skit writing, oral presentations and the writing of original work. Throughout the course, students explore the cultures of the Spanish-speaking countries.

SPANISH 5-6 (P)

Course Number: 3530
Units: 10/year
Guideline: *Grade of C or higher in Spanish 3-4 or grade of 80% or higher on a third-year placement test.*

The third year course reviews and completes the introduction of all the major grammar points of the Spanish language. Spanish is the working language in this course, which requires a *solid foundation* in the grammar and vocabulary learned in the first two years. The course develops and refines the students' proficiency in the four language skills (speaking, listening, reading and writing) by discussing and writing about current events, everyday situations, films and short literary pieces. Continued exposure to cultural aspects of the Spanish-speaking world is emphasized.

SPANISH 5-6 HONORS (H) (P)

Course Number: 3535
Units: 10/year
Guideline: *Grade of B+ or higher in Spanish 3-4 or grade of 80% or higher on a third-year placement test.*

This advanced third year course completes the introduction of all the major grammar points of the Spanish language. Spanish is the working language in this course, which requires a *solid foundation* in the grammar and vocabulary learned in the first two years. Students will be required to think critically and analytically in the context of the language and culture they will be studying. Students will refine their proficiency in the four language skills (speaking, listening, reading and writing) by discussing and writing about cultural and current events, everyday situations, films and readings. Emphasis will be placed on vocabulary, syntax and correct grammar in writing as well as speaking. Students engage in creative projects as well as read and analyze selections from literature in Spanish.

SPANISH 7-8 (P)

Course Number: 3540
Units: 10/year
Guideline: *Grade of A- in Spanish 5-6 or B- Spanish 5-6 Honors and instructor approval.*

The fourth year Spanish course continues the advanced study of grammar as needed for reading and communicative proficiency. The focus of the course will be the reading and analysis of literature by well-known authors from various Spanish-speaking countries. Literary and cultural

issues related to the readings will be explored through class and group discussions, debates, short oral reports and feature-length films in Spanish. Spanish is the working language of this class.

SPANISH 9-10 (P)

Course Number: 3545

Units: 10/year

Guideline: Grade of A in Spanish 5-6 or B- Spanish 5-6 Honors and instructor approval.

The Spanish 9-10 course continues the advanced study of grammar as needed for reading and communicative proficiency. The focus of the course will be the reading and analysis of literature by well-known authors from various Spanish-speaking countries. Literary and cultural issues related to the readings will be explored through class and group discussions, debates, short oral reports and feature-length films in Spanish. Spanish is the working language of this class.

AP SPANISH LANGUAGE (H) (P)

Course Number: 3550

Units: 10/year

Guideline: Grade of A or higher in Spanish 5-6 Honors or an A- in Spanish 7-8; and an A or better on the AP entrance examination and instructor approval.

Using materials from college-level texts and primary sources, students in this course refine their listening, reading, writing, and speaking skills so that they are prepared to take the AP Spanish Language exam. A thorough review of grammar is conducted, and numerous expository writing assignments are given. Video and audio materials provide authentic sources for listening practice. Students read articles, as well as stories and poems, usually drawn from AP course recommendations. Students taking AP Spanish must be prepared to complete significant class work and homework. The course is taught in Spanish and *all students enrolled in this course are required to take the Advanced Placement exam. See "AP and Honors Courses" (p. 11 and 12) for more information.*

Summer work is required.

Mathematics

Graduation requirement: Three years (30 units)

Student placement in the mathematics sequence is based upon placement test results and grades. Electives are available to students who have completed Algebra 3-4 or Algebra-Trigonometry 3-4 Honors. Honors courses are available for qualified students.

ALGEBRA 1-2 (P)

Course Number: 6010
Units: 10/year

This first course in algebra includes a review of basic arithmetic skills, solving equations, factoring, fractions, linear and quadratic equations, functions, inequalities, word problems, and rational and irrational numbers. Emphasis is placed on problem solving and application principles. Students who have a record of generally satisfactory achievement in mathematics are placed in this class.

ALGEBRA 1-2 (H) *

Course Number: 6015
Units: 10/year
Prerequisite: Grade 9. Placement determined by HSPT and Math Assessment Test.

This accelerated course in algebra covers the standard content of a first year course in algebra including equations, factoring, functions, inequalities, graphing, rational expressions, and radicals. This standard content is explored with greater intensity and emphasis on analytical thinking. Additional topics may include algebraic proof and further investigations of the real number system.

GEOMETRY (P)

Course Number: 6020
Units: 10/year
Prerequisite: Grade of C- or higher in Algebra 1-2.

This standard first course in geometry covers the required concepts of Euclidean geometry including definitions, postulates, and theorems. Areas of study include angles, parallel lines, congruent and similar triangles, rectilinear figures, polygons, circles and arc, and the Pythagorean Theorem. Special topics covered include coordinate and spatial geometry, introductory trigonometry, and constructions and loci. In addition to including problems which serve to review algebra, the process of "proving" theorems is introduced.

GEOMETRY (H) *

Course Number: 6030
Units: 10/year
*Prerequisite: Grade 9: Placement determined by HSPT and Math Assessment Test.
Grade 10: Grade of A- in Algebra 1-2 or B- or higher in Algebra 1-2 Honors.*

This accelerated course in geometry covers the standard content of Euclidean geometry including congruence, similarity, polygons, circles, constructions, and coordinate geometry. This standard content is explored with greater intensity and emphasis on proof and analytical thinking. Additional topics may include transformations and further investigations of three-dimensional figures such as polyhedra.

ALGEBRA 3-4 (P)

Course Number: 6040
Units: 10/year
Prerequisite: Grade of C- or higher in Algebra 1-2 and Geometry.

This standard course in second year algebra is designed to move at a moderate pace. The course includes a thorough review of important topics covered in a first course in algebra as well as the development of related skills. New topics may include exponential functions and logarithms, sequences and series, and matrices. Some basic trigonometric concepts may be included. Emphasis is placed on both understanding and the development of important algebraic skills.

ALGEBRA-TRIGONOMETRY 3-4 (H) (P)

Course Number: 6060
Units: 10/year
Prerequisite: Grade of A- in Algebra 1-2 and grade of A- or higher in Geometry or B- or higher in Geometry Honors.

This accelerated mathematics course combines a second, or advanced, course in algebra with an introductory study of trigonometry. Topics include linear equations in one and two variables, systems of linear equations, polynomials, and rational expressions, quadratic equations in one and two variables, quadratic systems, logarithms, sequences and series, and trigonometric functions.

INTRODUCTION TO CALCULUS (H) (P)

Course Number: 6160
Units: 10/year
Prerequisite: Grade of B- or higher in Algebra-Trigonometry 3-4 Honors or grade of A- or higher in Algebra 3-4 or approval of department.

This accelerated fourth-year course is designed to introduce the students to the fundamental principles of differential calculus. Topics covered include detailed study of the first and second derivative of polynomial, algebraic, exponential, logarithmic, and trigonometric functions with applications to curve-tracing, maxima-minima related-rate problems, and the anti-derivative. The course will also include a thorough survey of trigonometry.

MATH ANALYSIS (P)

Course Number: 6150
Units: 10/year
Prerequisite: Grade of B- in Algebra 3-4 or grade of C or higher in Algebra-Trigonometry 3-4 Honors or grade of C or higher in Introduction to Calculus or approval of department.

This course will prepare students for college mathematics while reviewing important topics from algebra, geometry, and trigonometry. Areas of study will also include permutations, combinations, statistics, probability and limits.

AP CALCULUS AB (H) (P)

Course Number: 6200
Units: 10/year
Prerequisites: Grade of B or higher in Introduction to Calculus.

This accelerated course will begin with a review of the calculus topics covered in Introduction to Calculus. There will be further study and discussion of the fundamental principles of calculus. Advanced topics in integration will include arc length, work problems, additional techniques in integration, and further study of the transcendental functions and infinite series. This course will

prepare students for the College Board Advanced Placement Calculus AB examination. *All students enrolled in this course are required to take the Advanced Placement exam. See "AP and Honors Courses" (p. 11 and 12) for more information.*

FINITE MATH AND PROBLEM SOLVING (P)

Course Number: 6175

Units: 10/year

Prerequisite: Grade 12 and grade of C or higher in Algebra 3-4.

This is an advanced course for students who wish to continue the study of mathematics but do not plan to major in a discipline requiring calculus. The course emphasizes developing reasoning skills and systematic problem solving strategies. As students pursue solutions to real and challenging problems, the major concern is to understand the validity of the process and to communicate clearly. Applications include: business and economics, biology and medicine, social sciences, data analysis, probability, and methods of counting. Strategies include: diagrams and systematic lists, matrix logic, unit analysis, Venn diagrams, and linear programming.

* New course: pending UC approval.

Physical Education & Health

Graduation requirement: One year (10 units)

PHYSICAL FITNESS & HEALTH (A)

Course Number: 7020
Units: 5/semester

Physical education is designed to promote physical activity, as well as social development and teamwork skills, through sports and exercise. Some of the sports that will be covered include volleyball, soccer, basketball, weight training, softball, and ultimate frisbee.

The semester-long health education program introduces students to the principles of proper nutrition, aerobic exercise, and overall holistic wellness in mind, body, emotion and spirit. The course includes discussion of self-esteem, healthy relationships, values and decision-making skills. Units include nutrition, basic first aid, CPR, mental and emotional health, introductory psychology and sociology theories, HIV/AIDS and other STIs, and drug, tobacco and alcohol education.

Selected text readings, journaling, essay assignments and unit examinations (short answer and essay) are required.

UPPER DIVISION: FITNESS & HEALTH (A)

Course Number: Fall, 7051 Spring, 7052
Units: 5/semester
Prerequisite: Grade 11, 12

This course is intended to provide the opportunity for athletically-minded individuals to engage in advanced weight-lifting and plyometric exercises that will enhance their sport performance. The activities will focus on full-bodied explosive movements, as well as functional lifts that demand core strength and power. Students can expect improvements in the major lifts, such as bench press, squat, and shoulder press, as well as increased foot speed and cardiovascular endurance.

This course will be personalized based on student's interests.

RELATED COURSES TO CONSIDER

The course below does not fulfill the graduation requirements in this department.

SPORTS MEDICINE (P)

Course Number: 5550
Units: 10/year
Guideline: Grade 11, 12. Grade of C or higher in Biology.

This course is designed to explore human musculo-skeletal anatomy and physiology and sets the foundation for further study of these sciences. Students learn biomechanical concepts with special focus on injury prevention, assessment and treatment. Students will learn and become certified in RED CROSS CPR/FIRST AID. Students learn how to tape ankles, thumbs, wrists, etc., how to assess and manage minor injuries, bandage wounds, stretch out athletes, and work on injured muscles. In the spring, the students will visit the Cal Berkeley Memorial Stadium Athletic Training Facility and get a chance to interview the athletic trainers/physical therapists/chiropractors/medical doctors and surgeons who work there year round.

The University of California considers this class to be a "g" elective, not a "d" science course. See pg 8 for a description of the a-g requirements.

Religious Studies

Graduation requirement: Four years (40 units)

Lower Division Core Curriculum

9th grade: Faith and Religion

10th grade: Scripture

Upper Division

11th/12th grades: Selective Semester Courses

The Religious Studies Department is central to the Lasallian school. While students are invited to internalize the values discussed in these courses, grading is based on the students' academic achievement.

LOWER DIVISION

FAITH AND RELIGION (A)

Course Number: 4010

Units: 10/year

This first year course in religious studies is designed as an introduction to faith and religion in general, and to the Catholicism in particular. The course begins with a closer look at the student who is discovering his or her unique identity. Next, questions and beliefs about God, Jesus, Scripture, moral living, Catholic Church history, the sacraments, prayer, Catholic liturgy, Mary and the saints are investigated. By the end of the first year, the students will have been introduced to many of the areas of concern within Religious Studies. During the next three years, they will have the opportunity for further studies in these areas.

SCRIPTURE (A)

Course Number: 4020

Units: 10/year

This course investigates the Christian scriptural tradition. During the fall semester, students will begin with a historic study of the origins of the Bible and will study themes and stories found in the Hebrew scriptures including learning the history of the Hebrew people from Abraham to the birth of Jesus. In the spring semester, the focus is shifted to the New Testament where the person and divinity of Jesus as recorded in the four Gospels, as well as early Christian writings by Paul and other New Testament authors are studied. An emphasis is placed on the themes of Jesus such as inclusion of all people as sons and daughters of God, love of enemy, service to others, and the reign of God. Finally, the course investigates the Book of Revelation and the rich symbolism found within it.

UPPER DIVISION

Juniors and seniors will be given the choice of a number of upper division Religious Studies selective courses. Over the two years of upper division classes, students take one course from each of four areas of religious study: 1) Sociology of Religion; 2) Scripture; 3) History of Religions; 4) Morality and Meaning. Courses are offered in two-year cycles.

These courses will be available for the 10-11 academic year. Students must select one course from each area.

AREA 3: HISTORY OF RELIGIONS

Offered 2010-2011

WORLD RELIGIONS (P)

Course Number: 4450
Units: 5/semester

Humankind has searched for God for thousands of years and has found numerous ways to express the truths that people have discovered in this search. This course emphasizes the academic study of major world religions, including Christianity, Hinduism, Buddhism, and Islam.

AREA 4: MORALITY AND MEANING

Offered 2010-2011

ETHICS AND VALUES (A)

Course Number: 4400
Units: 5/semester

Students will critically examine literature, art, and the visual media and the influence that these areas have on us as individuals and on us as a society. Topics will include gender issues, cross-cultural conflict, modes of consciousness, spiritual/religious experience, and the politics of our culture.

SOCIAL JUSTICE (A)

Course Number: 4410
Units: 5/semester

The course provides an opportunity for students to review, assess, and reflect upon the principles by which they and society have thus far interpreted their lives. This course further affirms the need to search and test personal commitments to confront, systematically, present moral dilemmas, and to begin to analyze the consequences of future decisions in light of what justice is and how Christians are to be just in thought and action.

ETHICAL LEADERSHIP (A)

Course Number: 4510
Units: 5/semester

As a complement to Servant Leadership, this course explores a student's personal journey toward integrity and a public commitment to a common good. This ethical leadership model begins with claiming one's core values, finding a personal voice, developing a vision, and consciously aligning one's attitudes and beliefs with one's actions and behaviors. The class promotes a schoolwide culture of ethical leadership that enables people to work together for a common good. The learning outcome is to help the school community align its LEOs with its actions.

AREA 1: SOCIOLOGY OF RELIGION

Offered 2011-2012

Do not register for any of these courses now. They are listed here for curriculum planning purposes only.

RITUAL AND WORSHIP (P)

Course Number: 4470
Units: 5/semester

Throughout the centuries and in all cultures, human beings have attempted to reach out to the divine through prayers, rituals, and worship. This course will introduce ritual forms from various religious and secular traditions. Drawing upon historical, anthropological, sociological, and theological sources, this course will explore the role of ritual in the lives of human beings.

Students will study, experience, analyze, and evaluate various ritual forms and continue to explore this fundamental human experience of the sacred through ritual and prayer in the Christian tradition.

DOES RELIGION MATTER? (P)

Course Number: 4490
Units: 5/semester

Using insights from philosophy, comparative religions, theology, science, and history, along with examples drawn from current events, this class explores the complex question, "Does Religion Matter?" Beginning with a historical analysis of how the religious worldview has been replaced by scientism, materialism, and consumerism, the course will attempt to honestly chart a path to recover the spiritual and ethical riches of traditional religious wisdom and practices while respecting all of the advances of the modern era. Additionally, students will have the opportunity to voice their own perspectives on the important issues of where and why religions have failed, as well as how religions are successfully meeting the needs of today's young adults.

AREA 2: SCRIPTURE

Offered 2011-2012

Do not register for any of these courses now. They are listed here for curriculum planning purposes only.

PARABLES IN ACTION (A)

Course Number: 4420
Units: 5/semester

Through this course students will do an in-depth study of the New Testament parables and their modern-day applications. Using Biblical interpretation, students will come to understanding of the religious and social implications inherent in the Scriptures and their present day application. Students will be expected to create and demonstrate their understanding of the parables through presentation and critique.

THE LIFE AND TIMES OF JESUS (A)

Course Number: 4430
Units: 5/semester

The Gospels were written in an attempt to articulate an understanding of who Jesus of Nazareth was. The Gospel writers and their various audiences responded to this question from their faith, from their experiences, all of which are intrinsically bound to their culture. Through the study of the Gospels and by reading scholarly and current articles and viewing various films about Jesus, students try to come to their own understanding of who Jesus the Christ is, His impact on the history of the world, and the importance of His message in today's society.

SERVANT LEADERSHIP (A)

Course Number: 4500
Units: 5/semester

This course addresses the growing need for leadership development and training in the cross-cultural, diverse setting of Saint Mary's College High School. Based on biblical, historical, anthropological and practical perspectives, students will develop personal leadership strategies, learn how to train and motivate others, and create a school culture that fosters community and a sense of belonging. The class will provide training in the areas meeting facilitation, project management, public speaking, and conflict resolution. The leadership principals and practical skills will merge in a culminating project where the students will practically implement a major LSL event, activity, or project.

Science

Graduation requirement: Three years (30 units)

The scope and sequence of the science program is as follows:

9th Grade: Biology

10th Grade: Conceptual Physics, Chemistry

11th Grade: Chemistry, AP Biology, Physiology, Forensic Science and Sports Medicine

12th Grade: AP Biology, AP Physics, Physics, Physiology, Forensic Science and Sports Medicine

Student placement in the upper division sequence is based upon testing results and grades.

BIOLOGY (P)

Course Number: 5020

Units: 10/year

This laboratory science course covers the important aspects of biology related to plants and animals and shows their relationship to humanity. The course will conclude with the study of human anatomy and the various systems, including how humanity affects the environment. A practical application approach characterizes this course: students are introduced to the technique of laboratory investigation as a vital source of learning.

CHEMISTRY (P)

Course Number: 5300

Units: 10/year

Prerequisite: Grade 10, 11, 12. Grade of B- or higher in Biology. Students should be concurrently enrolled in Algebra 3-4 (or higher math) OR have earned an A- or higher in both semesters of Algebra 1-2. Students not meeting these course prerequisites are encouraged to take a readiness test administered by the department.

This standard college preparatory chemistry course is designed for students with average to above-average skills in mathematics and scientific reasoning. It is suited to the needs of students who intend to pursue their study of chemistry at the college or university level. The course format will include lecture, discussion, extensive problem-solving, and a full range of laboratory work.

PHYSIOLOGY (P)

Course Number: 5200

Units: 10/year

Prerequisite: Grade 11, 12. Grade of C or higher in Biology; Chemistry is strongly recommended as prerequisite.

This course will cover in detail all the systems of the human body: the cellular system, the musculoskeletal system, the circulatory system, the nervous system, the excretory system, the digestive system, the endocrine system, and the respiratory system. The format will include lecture, discussion, and a full range of laboratory assignments.

CONCEPTUAL PHYSICS (P)

Course Number: 5400

Units: 10/year

Prerequisite: Grade 10: Grade of C or higher in Biology and Algebra 1-2

This course offers the subject matter of a traditional physics course with a qualitative approach to problem-solving. The format includes lecture/discussion, problem solving and experimentation. There are projects which demonstrate students' mastery of course materials. General areas of study will include mechanics, motion, astronomy, heat, light, sound, magnetism and electricity.

PHYSICS (P)

Course Number: 5500

Units: 10/year

Prerequisite: Grade 11, 12. Grade of B or higher in Chemistry and grade of B- or higher in Algebra-Trigonometry 3-4 Honors or A- or higher in Algebra 3-4.

This course is designed for students with a strong foundation in mathematics and the physical sciences. The format will include lecture, discussion, problem-solving, and laboratory work. Quantitative skills learned in second year algebra/trigonometry and chemistry will be employed in the problem solving concepts covered. General areas of study will include concepts of mechanics, motion, astronomy, heat, light, sound, magnetism, and electricity.

AP PHYSICS B (P)

Course Number: 5600 **and** 5601 (Physics Seminar)

Units: 10/year

Prerequisite: Grade 11, 12. Grade of B or higher in Intro to Calculus or grade of A- or higher in Algebra 3-4 (H). Physics or Conceptual Physics is strongly recommended.

This course is designed to offer students with advanced mathematical achievement an opportunity to further develop selected topics from the Physics 1-2 curriculum. Above-average proficiency in geometry and intermediate algebra will be assumed, as well as previous or concurrent exposure to vector algebra, trigonometry, and elementary calculus. Course topics will be selected from Newtonian dynamics, wave motion, electricity-magnetism, optics, and thermodynamics. In-class work will emphasize subject development, problem solving, and laboratory exercises which require mathematical analysis more advanced than usually required in Physics 1-2. Homework will include problem sets and laboratory reports. Student evaluation will be based on homework, periodic quizzes, and a comprehensive final exam. *All students enrolled in this course are required to take the Advanced Placement exam. See "AP and Honors Courses" (p. 11 and 12) for more information.*

AP BIOLOGY (P)

Course Number: 5700 **and** 5701 (Biology Seminar)

Units: 10/year

Prerequisite: Grade 11, 12. Grade of B or higher in Biology, Grade of C or higher in Chemistry or instructor approval.

This course is designed to be the equivalent of a college introductory biology course and to prepare the student for the advanced placement exam given in May. This course is an in-depth, content intensive study of biological principles which include laboratory investigations dealing with cell biology, genetics, DNA technology, enzyme catalysis, photosynthetic rate, ecology, evolution and physiology. AP Biology students will be required to meet during a weekly z-block lab/seminar. *All students enrolled in this course are required to take the Advanced Placement Exam. See "AP and Honors Courses" (pg. 11, 12) for additional information.*

FORENSIC SCIENCE (P)

Course Number: 5800

Units: 10/year

Prerequisite: Grade 11, 12. Recommended that students should have completed their three year laboratory science requirement, including a course in Chemistry or Physics.

Forensic Science is a fast paced multidisciplinary college preparatory course that meets the University of California Area "g" College Prep Elective in the area of Laboratory Science. This is a year long course intended for students who are serious about applying themselves and are mature enough to handle the wide range of topics learned and properly use potentially harmful

laboratory materials. The course bridges science based inquiry and the criminal justice system. Forensic Science integrates core concepts from the primary area of Biology and will touch upon Chemistry and Physics building upon these themes at an advanced level.

This course utilizes lecture, extensive laboratory activities and experiments, scientific literature/case study analysis, forensic competitions and demonstrations in a forensic context which will allow students to apply the scientific method to develop their writing, problem solving and critical thinking skills in a biological context. Inquiry based laboratory investigations and analysis play a central role in the course.

Students will apply the foundations of Biology and Chemistry to solve mock criminal investigations using a wide range of laboratory techniques used today to process and analyze evidence. Topics covered will include: crime scene analysis, physical/chemical analysis of various evidence types, advance microscopy, chromatography, hair/fiber/glass analysis, fingerprint comparison, comparative analysis, document analysis, firearms/ballistics, drugs/toxicology, entomology, anthropology, blood (serology) and DNA analysis among others.

Students will be billed \$35 for lab materials.

SPORTS MEDICINE (P)

Course Number: 5550

Units: 10/year

Prerequisite: Grade 11, 12. Grade of C or higher in Biology.

This course is designed to explore human musculo-skeletal anatomy and physiology and sets the foundation for further study of these sciences. Students learn biomechanical concepts with special focus on injury prevention, assessment and treatment. Students will learn and become certified in RED CROSS CPR/FIRST AID. Students learn how to tape ankles, thumbs, wrists, etc., how to assess and manage minor injuries, bandage wounds, stretch out athletes, and work on injured muscles. In the spring, the students will visit the Cal Berkeley Memorial Stadium Athletic Training Facility and get a chance to interview the athletic trainers/physical therapists/chiropractors/medical doctors and surgeons who work there year round.

The University of California considers this class to be a "g" elective, not a "d" science course. See pg 8 for a description of the a-g requirements.

Science Categories to meet UC/CSU requirements

Students are required to take three years of science to fulfill their Saint Mary's graduation requirements: 1 year of a biological (life) science, 1 year of a physical science and 1 year in either category, including as an elective.

Biological Science (Lab) (Life)

Biology (9th)

Physiology (11th, 12th)

AP Biology (11th, 12th)

Physical Science (Lab)

Chemistry (10th, 11th, 12th)

Conceptual Physics (10th)

Physics (11th, 12th)

AP Physics (11th, 12th)

Elective

Sports Medicine

Forensic Science

Social Studies

Graduation requirement: Three years (30 units)

10th Grade: World History **OR** AP World History
11th Grade: United States History **OR** AP United States History
12th Grade: AP United States Government
OR
Government & Law (Required Semester Course) and
Economics (Required Semester Course)

Courses in the social studies department address the following themes: change over time; contributions of many types of people; economic transformations/globalization; revolutions, war, and diplomacy; the changing role of government; and American identity and the growth of democracy.

Courses in the social studies department stress competence in the following skills: active and critical reading; various types of writing; interpreting data, including charts and maps; researching; presenting; test-taking; and unique, creative, individual, and critical thinking.

WORLD HISTORY (P)

Course Number: 8010
Units: 10/year

World History is a year-long required survey course that explores the key events and global historical developments since 1350 A.C.E. that have shaped the world we live in today. The scope of Modern World History provides the latitude to range widely across all aspects of human experience: economics, science, religion, philosophy, politics & law, military conflict, literature & the arts. The course will illuminate connections between our lives and those of our ancestors around the world. Students will uncover patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test theories. Students will refine their ability to read for comprehension and critical analysis; summarize, categorize, compare, and evaluate information; write clearly and convincingly; express facts and opinions orally; and use technology appropriately to present information.

AP WORLD HISTORY (H) *

Course Number: 8050
Units: 10/year
Guideline: Average of A- or higher in both semesters of English 1-2 or B- or higher in English 1-2 Honors, or instructor approval.

AP World History is offered to motivated students who, according to the College Board, wish to “develop greater understanding of the evolution of global processes and contacts in different types of human societies.” Students will combined selective factual knowledge and skills of analysis to examine the nature, causes, and consequences of changes in global frameworks. Students will also compare major developments in and among major societies. The course “emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence” and “offers balanced global coverage, with Africa, the Americas, Asia, Europe, and Oceania all represented.”

Summer work is required.

JUNIOR CURRICULUM

UNITED STATES HISTORY (P)

Course Number: 8300
Units: 10/year

This course provides a one-year survey of American history from the Colonial Period and the American Revolution to the present day, with an emphasis on the twentieth century. Using the textbook and primary documents and current events, students learn about the various political, social, religious, and economic developments that have shaped and continue to shape the United States. Essay writing and critical thinking are emphasized as integral ways of understanding how the past relates to the present and future. A major research paper is required in the spring semester.

AP UNITED STATES HISTORY (H) (P)

Course Number: 8350
Units: 10/year
Guideline: Grade 11. Average of A- or higher in both semesters of World History and English 3-4 or B- or higher in AP World History, or instructor approval.

Advanced Placement United States History is designed to give students a thorough understanding of United States History, requiring students to master historical and analytic skills, including chronological and spatial thinking, historical research, and historical interpretation. The class strives to prepare students to assess historical materials, evaluate relevance and reliability, and deal critically with problems and materials in United States History. The course is equivalent to a full-year introductory college class, thus preparing students for intermediate and advanced college courses. Students have an opportunity to demonstrate content mastery by taking the AP Exam in May. *All students enrolled in this course are required to take the Advanced Placement exam. See "AP and Honors Courses" (p. 11 and 12) for more information.*
Summer work is required.

SENIOR CURRICULUM

AP UNITED STATES GOVERNMENT & POLITICS (H) (P)

Course Number: 8500
Units: 10/year
Guideline: Grade 12. Grade of A- in US History or instructor approval.

AP U.S. Government & Politics is an intensive study of formal and informal structures of government, as well as of the political theory and practice that direct the daily operation of government and shape public policy. The express purpose of this course is to prepare students to take the corresponding AP Exam in May. To this end, the course is taught on a college level and it requires a substantial amount of reading and preparation for every class. Students will read approximately 30 pages a week from a college level text book. The course is divided into daily lectures, discussions, and assessments. A research paper may be assigned in the second semester. Summer reading and writing will be required prior to the course. Students should expect a stimulating, fast-paced and rigorous course with approximately one hour of homework each night. *All students enrolled in this course are required to take the Advanced Placement Exam. See "AP and Honors Courses" (pg. 11-12) for additional information.* This course fulfills the government requirement for graduation.

GOVERNMENT AND LAW (P)

Course Number: 8440

Units: 5/semester

Required for students NOT taking AP US Government

This course is viewed as a source of civic literacy and will survey the principles, philosophies, practices and institutions that comprise the United States system of government and law. Students are expected to apply knowledge gained in previous social studies courses to pursue deeper understanding of American government. Contemporary issues will frame conversations about the Constitution, the courts, legislative and executive branches, federalism, and a review of major political philosophies around the world. Emphasis is also given to the dynamics of political decision-making and the degree to which citizens participate in political processes.

ECONOMICS (P)

Course Number: 8420

Units: 5/semester

Required for students NOT taking AP US Government

This course provides a one-semester study of Economics in which students learn the fundamental concepts of micro-, macro-, and international economics and apply them in intellectually and engaging ways. Using the reader, *Economics*, as well as various current events, tables, graphs, statistics, and other data, students will gain a general understanding of economics and economic philosophy that will enable them to assess and evaluate the U.S. economy and their personal finance more successfully. Essay writing, critical thinking, active reading and note taking will be emphasized as important means for fully participating in the class.

RELATED COURSES TO CONSIDER

The courses below do not fulfill the graduation requirements in this department. They are part of a series of electives designed to enhance the required course of study in social studies.

INTRODUCTION TO PHILOSOPHY (P)

Course Number: 4440

Units: 5/semester

Prerequisite: Grade 11, 12

This course will introduce students to the most prominent people, movements, and methods of Western philosophy from ancient times to the present. We will examine the fundamental problems that philosophers have dealt with, as well as the various approaches and arguments they have used. Students will become familiar with the terminology used in philosophical discourse, learn about the historical development of the discipline, and develop their own skills for philosophical argumentation.

INTRODUCTION TO PSYCHOLOGY (P)

Course Number: 8450

Units: 5/semester

Prerequisite: Grade 11, 12

This academic, college preparatory elective course will introduce students in the major principles of 19th and 20th century psychological thought. Starting with Freud in the late 1800's and concluding with the likes of Albert Ellis and William Glasser, students will obtain a solid understanding of psychology and how it is used and applied in our world today.

PERSPECTIVES ON DIVERSITY (P)

Course Number: 8430
Units: 5/semester
Prerequisite: Grade 11, 12

This course introduces students to the interconnected effects of race, ethnicity, class and gender on human beings. Students will examine how each individual has been socially constructed and how structured systems of inequality work. Students will also explore how these systems affect people's health, life chances, self-concept, and material well-being. Along with the exploration of race and ethnic issues, the class will also study institutionalized racism and discrimination. Approaches to gender will consider the ways in which males and females are socialized to become boys and girls, men and women, ladies and gentlemen. Issues of class will be fully integrated throughout the course as the class examines how economic status has had positive effects on people of privilege and thus shows the connections between power and powerlessness, wealth and poverty, confidence and despair.

PUBLIC POLICY AND CONTEMPORARY ISSUES (P)

Course Number: 8470
Units: 5/semester
Prerequisite: Grade 11, 12.

This course combines service learning and leadership/management training as a vehicle by which to examine American public policy. As such, it is a part of the leadership program and LSL here at Saint Mary's College High School.

Students will be introduced to basic political philosophy so that they can examine issues that our federal, state, and local governments typically address through debate and policymaking. In class, as students become experts on domestic and foreign policy, they will be able to critically evaluate the roles of governments and policy makers in their lives, and thus become informed, actively engaged citizens.

In addition to conducting their own semi-independent research, students will be required to coordinate their studies with a monthly visit to the Martin Luther King Center. Also, at six-week intervals students will stage a multi-media, student-managed presentation. The course examines issues like consumerism, oil, food, health care, foreign policy, and public spending.

Students taking Public Policy in the fall semester will have some summer work and students taking the course in the spring semester will have some work during winter break that affords some background knowledge so that students can pitch a policy proposal at the beginning of the semester.

* New course: pending UC approval.

Visual & Performing Arts

Graduation requirement: One year (10 units)

The department offers courses in five areas:

Visual Arts, Music, Chorus, Dance, Theater Arts

INTRODUCTION TO VISUAL ARTS (P)

Course Number: 1760
Units: 10/year

This is the foundation course in the visual arts. Students are introduced to drawing, painting and sculpture with the emphasis on the elements and principles of art and design. Students engage in studio production, explore themes in art history and are challenged with basic art criticism and aesthetic valuing.

Students will be billed \$35 for art supplies.

INTERMEDIATE VISUAL ARTS (P)

Course Number: 1770
Units: 10/year
Guideline: Grade of B- or higher in Intro to Visual Arts or instructor approval.

This is an intermediate course for the study of visual arts media through illustration techniques in drawing, painting, graphic design and three-dimensional constructions. It is a combined studio and continued world art history course which places emphasis upon reinforcing and building on material covered within Introduction to Visual Arts instruction. Students will increase proficiency of expression in various media and understanding of historical themes and artistic movements.

Students will be billed \$35 for art supplies.

ADVANCED VISUAL ARTS (P)

Course Number: 1775
Units: 10/year
Guideline: Grade of B- or higher in Intermediate Visual Arts or instructor approval.

The advanced art class is a class for students interested in continuing their studies in the field of fine arts or design. The course is split into two sections allowing students to choose between continuing their education in fine arts or design. The fine arts section emphasizes beauty, aesthetics and meaning over utility with the primary focus on drawing/painting, sculpture and architecture. Instruction in critical analysis of artworks is continued with historical and contemporary artworks. The design section focuses on the arts that are geared more towards function such as graphic arts, industrial design, advertising, package design and fashion design and their practical applications in our daily lives with an emphasis on issues that relate to social justice. There are bi-weekly sketchbook critiques for both sections.

Students will be billed \$35 for art supplies.

AP STUDIO ART (H) (P)

Course Number: 1790 and 1785
Units: 10/year
Prerequisite: Portfolio and/or instructor approval. Concurrent enrollment in Art Seminar.

This course is designed to assist the advanced drawing/painting/2-D design or 3-D design student in fulfilling the requirements to complete a first year college-level art portfolio. In addition,

this course will prepare the student to take the AP Studio Art exam in May. The portfolio is comprised of a breadth section and a concentration section. First semester AP art students concentrate on the breadth section which consists of 12 pieces. Second semester the focus is a concentration chosen by the student and is of personal interest to the student. "Z " block is available as an open studio time for students to work on their art works with the aid of the instructor on site. *All students enrolled in this course are required to take the AP Studio Arts College Board exam at the end of the school year.. See "AP and Honors Courses" (p. 11 and 12) for more information.*

Summer work is required.

Students will be billed \$35 for art supplies.

BEGINNING BAND (P)

Course Number: 1210

Units: 10/year

Prerequisite: No musical experience required.

Beginning Band provides the foundations of musicianship as an introduction to the Instrumental Music Program. Students will be counseled as to the selection of an instrument to study, and be given instruction toward the development of understanding, manipulation, and proficiency on the instrument. Primary emphasis will be placed on developing skills in reading music and performing on the instrument. There are no audition requirements for this ensemble, however prior experience in music is recommended.

Students will be billed \$35 for class materials.

INTERMEDIATE BAND (P)

Course Number: 1220

Units: 10/year

Prerequisite: Prior participation in Beginning Band is recommended.

Intermediate Band continues to explore the foundations and fundamentals of music while providing experience and musical training as students prepare for the performance of music in the symphonic, classical, and contemporary idioms. Students will learn to read both treble and bass music clefs, to understand various time signatures and meters and to understand and manipulate a chosen instrument. Students will also: develop proficiency on an instrument of choice by learning to play major and minor scales in all 12 keys; learn to understand complex rhythms and time signatures; and develop full musicianship by reading and interpreting any given piece of symphonic music. Participation in this ensemble is by audition only. An audition consists of sight reading, playing scales, and playing a prepared solo on your instrument. Prior participation in Beginning Band is recommended.

Students will be billed \$35 for class materials.

MUSIC THEORY, TECHNOLOGY AND ANALYSIS (A)

Course Number: 1215

Units: 10/year

Prerequisite: No prior musical experience is necessary.

This class is an introduction to music fundamentals. In the first semester, topics and skills in music reading, interval identification, theory, notation and ear training will be explored. Emphasis is placed on the creation of melodies based upon techniques of various musical periods. Music from many historical periods and world traditions will be explored and analyzed. In addition, the use of music notation software and technology will be utilized. In the second semester, the course will focus on two areas of study: written analytical and aural skills. Topics will include rhythm, melody, harmony, timbre, structure, texture, style, and contexts for performance and composition.

Musical examples for study and analysis are drawn from the Medieval through contemporary periods in the Western European and American traditions, with supplementary examples drawn from other musical practices when appropriate.

Students will be billed \$35 for class materials.

ADVANCED BAND (P)

Course Number: 1230
Units: 10/year
Prerequisite: Audition.

This ensemble, requiring student mastery of the instrument, is a performance-oriented course. Students are exposed to and explore the elements of festival performances and the business of musicianship. Students will: study complex syncopation, read in both treble and bass clefs, study how scales relate to the harmonic construction of compositions, and conduct small ensembles of musicians. Musical interpretation, advanced ensemble techniques, elements of composing and arranging as well as other advanced topics will also be explored. Participation in this ensemble is by audition only. An audition consists of sight reading, playing scales, and playing a prepared solo on your instrument. Prior participation in Intermediate Band is recommended.

Students will be billed \$35 for class materials.

ADVANCED JAZZ ENSEMBLE (P)

Course Number: 1240
Units: 10/year
Prerequisite: Audition.

This ensemble allows students to explore the harmonic, rhythmic, and melodic basis for jazz and pop composition and performance. Students will analyze and perform jazz standards and arrangements in preparation for festival and school-related performances. Students will gain a thorough knowledge of scales and harmonic construction and exhibit their knowledge of composition and arrangement through performances of standard repertoire and their own compositions (where appropriate) throughout the school year. All jazz ensemble students are also expected to perform with the pep band during the year. Participation in this ensemble is by audition only. Prior experience in Advanced Symphonic Band and playing in the jazz idiom is highly recommended. An audition consists of sight reading, playing scales, and playing a prepared solo on your instrument.

Students will be billed \$35 for class materials.

CHORUS (P)

Course Number: 1100
Units: 10/year
Prerequisite: Audition (for voice placement only).

Students in this performance-oriented ensemble study and exhibit the elements of vocal training in the preparation of popular, liturgical, and classical choral music. Students will prepare for a concert each semester and cooperate with Campus Ministry by singing at school liturgies. Students will: learn basic music notation and read treble and bass clefs; proper physical mechanics for choral singing; demonstrate and apply the basic principles of sight-singing in the reading of choral music; prepare for performances and vocal competitions. Additional out-of-class rehearsal time, dedication and desire are required. No audition is necessary to participate in this ensemble, however prior musical experience is highly recommended.

Students will be billed \$35 for class materials.

INTRODUCTION TO DANCE (P)

Course Number: 1260
Units: 10/year

This course is an introduction to movement as an expressive art form. It will present the basic elements related to traditional forms of dance, including ballet, jazz, Afro-Haitian, folk, and contemporary idioms. Students will be required to demonstrate a basic mastery of forms and techniques presented, as well as to prepare written research projects related to the study of specific forms of dance and performance. Students will also prepare for recitals, performances and special school events.

INTERMEDIATE DANCE (P)

Course Number: 1270
Units: 10/year

This intermediate course is an extension of Introduction to Dance. It will focus on increasingly challenging approaches to movement as a medium of expression. Emphasis will be placed upon the study and analysis of choreographic interpretation. Students will be required to study and research a variety of choreographic styles and to develop original choreographic expressions collectively and individually. They will prepare for recitals, performances and special school events.

ADVANCED DANCE (P)

Course Number: 1280
Units: 10/year

This is an advanced level upper division elective dance course which is designed as an extension of the intermediate 3-4 studies. Emphasis in this course will be upon the development of student choreography in a variety of established dance idioms (jazz, ballet, modern, etc.). Research projects, both written and choreographic analysis of various styles of dance will be required as well as the study of dance interpretation. Students will prepare for recitals, performances and special school events.

ADVANCED CHOREOGRAPHY (A)

Course Number: 1290
Units: 5/year, z-block course
Prerequisite: Audition.

This is an advanced level upper division elective dance course is offered during z-block. The course is designed as an extension of advanced dance studies. Emphasis in this course will be upon the development of student choreography in a variety of established idioms (jazz, ballet, modern, African, etc.) Members of this course are also known as the Saint Mary's Dance Ensemble. Dance Ensemble is the featured traveling performance group, whose dancers tour as ambassadors of the Saint Mary's Visual and Performing Arts Program. Students must audition to be accepted into this selective specialized course.

INTRODUCTION TO THEATER ARTS (P)

Course Number: 1510
Units: 10/year

This course will study the range of experiences related to the art of acting. Through lecture, discussion, and demonstration, students will experience and explore acting. Class activities include exercises in pantomime, improvisation, text analysis, character development, collective scene work and individual performance. Students will be involved with self and peer evaluations in oral critiques and written forms through assignments and will prepare for final project performances.

INTERMEDIATE THEATER ARTS (P)

Course Number: 1520
Units: 10/year

This intermediate course of study is an extension of Theater Arts 1-2. It will focus upon continued development of acting techniques through the study and analysis of theater and film works, intensive scene works, and performance preparations. Students will study script analysis, principles of blocking and staging, and will be introduced to the practical applications of stagecraft elements related to mounting a theatrical production. In addition, students will apply skills in the writing, staging designing and the presenting of original works to elementary school groups as learning service projects.

ADVANCED THEATER ARTS (P)

Course Number: 1530
Units: 10/year

This advanced course of study is an extension of Theater Arts 3-4 with emphasis being placed upon the practical application of directing skills for theatrical performances. Students will learn the practical application of the elements of theatrical direction, advanced acting techniques in preparation for public performances such as the Annual Student-Directed One-Act Play and Film Festival Series.

GRAPHIC DESIGN & JOURNALISM: YEARBOOK PRODUCTION & MANAGEMENT (A)

Course Number: 9110
Units: 10/year
Prerequisite: Grade 11,12; instructor approval; maximum of 15 students.

Yearbook is a one-year academic elective course that offers students extensive instruction in journalistic principles and skills as well as opportunities for critique and analysis of quality yearbook writing and design. Students will learn the skills essential to producing a quality yearbook: design, layout, photo editing, copy writing, related principles of journalism, computer software applications, cropping and editing and advertising. Students skilled in computer technology, graphic design, photography, and writing are prime candidates for this course.

PHOTOGRAPHY (A)

Course Number: 1300
Units: 5/year, z-block course
Prerequisite: Instructor approval.

This elective course offered during z-block will introduce the primary elements of photographic composition, design, and the art of developing and printing. Students will develop a creative visual perspective and a sensitivity to the visual world. Students must schedule additional time, beyond the weekly class meetings, to work in the dark room.

Technology Education

MULTIMEDIA DESIGN (A)

Course Number: 0470
Units: 5/semester
Prerequisite: Grade 11, 12

This survey course is an introduction to the field of multimedia. Students are introduced to Adobe's Creative Suite using three of the industry standard programs in multimedia, design and web animation. Students work with Illustrator, Photoshop and Flash. The course covers the background, fundamental concepts and essential skills required for beginning multimedia designers to create compelling meaningful content for the web. Assignments are geared towards students' personal interests incorporating the use of big ideas. Students learn the tools, techniques and terminology to prepare them for further study in web illustration, animation, video or digital photo manipulation or editing. The class uses the text: *Multimedia: Making It Work* by Tay Vaughan.

AUDIO AND VIDEO PRODUCTION (A)

Course Number: 0480
Units: 5/semester
Prerequisite: Grade 11, 12

Throughout the semester, students will be challenged to view audio and video works as more than just mindless entertainment. The art of directing and editing will be studied and applied to produce a variety of projects using the mediums of audio and video. Students will collaborate with their peers to create works of art that show motivation, planning, and depth.

Interdepartmental/Co-curricular Electives

Interdepartmental and co-curricular electives are scheduled during the 7-period day and also during z-block periods. Prerequisite/guideline grading policies and meeting times vary by course. Some courses are college preparatory (UC approved) and some are nonacademic. Please read the course descriptions carefully and consult the academic office for clarification, if necessary.

STUDY HALL (N)

Course Number: Fall 9116, Spring 9117
Prerequisite: Grade 11, 12

This offering is designed to allow students time to engage in their research and studies. Students will have dedicated time for quiet study in a structured setting under the supervision of a teacher. Attendance will be required.

A select number of students may, with individual teacher approval, apply for a Teacher's Aide position.

SPORTS MEDICINE (P)

Course Number: 5550
Units: 10/year
See p. 26/32 for complete course description.

MULTIMEDIA DESIGN (A)

Course Number: 0470
Units: 5/semester
See p. 42 for complete course description.

AUDIO AND VIDEO PRODUCTION (A)

Course Number: 0480
Units: 5/semester
See p. 42 for complete course description.

ADVANCED CHOREOGRAPHY (A)

Course Number: 1290
Units: 5/year, z-block course
See p. 40 for complete course description.

JOURNALISM: NEWSPAPER PRODUCTION AND MANAGEMENT (A)

Course Number: 2600
Units: 10/year
See p. 16 for the course description.

CREATIVE WRITERS (A)

Course Number: 0418
Units: 5/year, z-block course
See p. 16 for the course description.

INTRODUCTION TO PHILOSOPHY (P)

Course Number: 4440
See p. 35 for the course description.

INTRODUCTION TO PSYCHOLOGY (P)

Course Number: 8450
See p. 35 for the course description.

PERSPECTIVES ON DIVERSITY (P)

Course Number: 8430

See p. 36 for the course description.

PUBLIC POLICY AND CONTEMPORARY ISSUES (P)

Course Number: 8470

See p. 36 for the course description.

UPPER DIVISION: FITNESS & HEALTH (A)

Course Number: Fall, 7051 Spring, 7052

See p. 26 for the course description.

JOURNALISM: NEWSPAPER PRODUCTION & MANAGEMENT (A)

Course Number: 2600

See p. 16 for the course description.

GRAPHIC DESIGN & JOURNALISM: YEARBOOK PRODUCTION & MANAGEMENT (A)

Course Number: 9110

See p. 41 for the course description

PHOTOGRAPHY (A)

Course Number: 1300

See p. 41 for complete course description.

Standards and Guidelines

Courses Listed by Department

English

English 1-2 Honors

Grade 9. Placement determined by HSPT and English Assessment Test.

AP English: Language and Composition

Grade 11. Grade of A or A- for both semesters of English 3-4 (Grade 10), along with proven aptitude and achievement in Social Studies courses, plus teacher recommendation based on demonstrative ability to consistently and comprehensively complete assignments and contribute to class discussions.

AP English: Literature and Composition

Grade 12. Grade of A or A- for both semesters of American Literature (Grade 11) OR grade of B or higher for both semesters of AP Language and Composition, along with proven aptitude and achievement in Social Studies courses, plus teacher recommendation based on demonstrative ability to consistently and comprehensively complete assignments and contribute to class discussions.

International Language

French 3-4

Grade of C- or higher in French 1-2 or grade of 70% or better on a second-year placement test.

French 5-6

Grade of B- in French 3-4 or 80% or higher on a third-year placement test.

French 7-8

Grade of B- or higher in French 5-6.

French 9-10

Grade of B- or higher in French 7-8.

AP French Language

Grade of A- or higher in French 5-6 or French 7-8. Concurrent enrollment in French Seminar.

Spanish 3-4

Grade of C- or higher in Spanish 1-2 or grade of 70% or higher on a second-year placement test.

Spanish 5-6

Grade of C or higher in Spanish 3-4 or 80% or better on a third-year placement test.

Spanish 5-6 Honors

Grade of B+ or higher in Spanish 3-4 or 80% or better on a third-year placement test.

Spanish 7-8

Grade of A- in Spanish 5-6 or B- in Spanish 5-6 Honors and instructor approval.

Spanish 9-10

Grade of A in Spanish 5-6 or B- in Spanish 5-6 Honors and instructor approval.

AP Spanish Language

Grade of A or higher in Spanish 5-6 Honors or an A- or higher in Spanish 7-8, and an A or better on AP entrance examination and instructor approval.

Mathematics

Algebra 1-2 Honors

Grade 9. Placement determined by HSPT and Math Assessment Test.

Geometry

Grade of C- or higher in Algebra 1-2.

Geometry Honors

Grade 9: Placement determined by HSPT and Math Assessment Test.
Grade 10: Grade of A- in Algebra 1-2 or B- or higher in Algebra 1-2 Honors.

Algebra 3-4

Grade of C- or higher in Algebra 1-2 and Geometry.

Algebra-Trigonometry 3-4, Honors

Grade of A- in Algebra 1-2 and grade of A- or higher in Geometry or B- or higher in Geometry Honors.

Introduction to Calculus

Grade of B- or higher in Algebra-Trigonometry 3-4 Honors or grade of A- or higher in Algebra 3-4 or approval of department.

Math Analysis

Grade of B- in Algebra 3-4 or grade of C or higher in Algebra-Trigonometry 3-4 Honors; or grade of C or higher in Introduction to Calculus or approval of department.

AP Calculus

Grade of B or higher in Intro. to Calculus.

Finite Math and Problem Solving

Grade 12 and Grade of C or higher in Algebra 3-4.

Science

Forensic Science

Grade 11, 12. Recommended that students should have completed their three year laboratory science requirement, including a course in Chemistry or Physics.

Chemistry

Grade 10, 11, 12. Grade of B- or higher in Biology. Students should be concurrently enrolled in Algebra 3-4 (or higher math) OR have earned an A- or higher in both semesters of Algebra 1-2. Students not meeting these course prerequisites are encouraged to take a readiness test administered by the department.

Physiology

Grade of C or higher in Biology; Chemistry is strongly recommended as prerequisite.

Conceptual Physics

10th grade: Grade of C or higher in Biology and Algebra 1-2

Physics

Grade 11, 12. Grade of B or higher in Chemistry and Algebra 3-4 or instructor approval; and grade of B- or higher in Algebra-Trigonometry 3-4 Honors or A- or higher in Algebra 3-4.

AP Biology

Grade 11,12. Grade of B or higher in Biology, Grade of C or higher in Chemistry or instructor approval.

AP Physics B

Grade 11, 12. Grade of B or higher in Intro to Calculus or grade of A- or higher in Algebra 3-4 (H). Physics or Conceptual Physics is strongly recommended.

Sports Medicine

Grade 11, 12. Grade of C or higher in Biology

Social Studies

AP World History

Grade 10. Average of A- or higher in both semesters of English 1-2 or B- or higher in English 1-2 Honors, or instructor approval.

AP United States History

Grade 11. Average of A- or higher in both semesters of World History and English 3-4 or B- or higher in AP World History, or instructor approval.

AP United States Government & Politics

Grade 12. Grade of A- in US History or instructor approval.

Visual and Performing Arts

Intermediate Visual Arts

Grade of B- or higher in Intro to Visual Arts; or instructor approval.

Advanced Visual Arts

Grade of B- or higher in Intermediate Visual Arts; or instructor approval.

AP Studio Art

Portfolio and/or instructor approval. Concurrent enrollment in Art Seminar.

Advanced Band and Advanced Jazz Ensemble

Audition.

Chorus

Audition (for voice placement only).

Advanced Choreography

Audition.

Photography

Instructor approval.

Course Planning

Use this space for course planning. Based on the graduation and college admission requirements and all of the course descriptions in this Guide, what courses are you planning to take? What have you already taken? Use this grid to help you plan your academic program.

	Grade 9	Grade 10	Grade 11	Grade 12
English				
International Language				
Religious Studies				
Mathematics				
Science				
Social Studies				
Visual & Performing Arts				
PE/Health				
Interdepartmental & Co-Curricular				



Sophomore Class of 2013

Course Requests

Courses 2010 - 2011

Each sophomore will be placed in the standard course of study listed below. Students must also choose which International Language and Visual and Performing Arts they are to be enrolled in.

If a student wishes to be in an advanced course of study in Mathematics, Social Studies, International Language (higher than 3-4 level), or Visual and Performing Arts, they must meet all prerequisites.

Standard Course of Study:

Religious Studies
English

4020 Scripture
2020 English 3-4

Mathematics		
6020 _____	Geometry	
6030 _____	Geometry (H)	
6040 _____	Algebra 3-4	
6060 _____	Algebra-Trigonometry 3-4 (H)	
Social Studies		
8010 _____	World History	
8050 _____	AP World History	
International Language	French	Spanish
	3010 _____	3510 _____
	3020 _____	3520 _____
	3030 _____	3530 _____
	3040 _____	3535 _____
	3050 _____	3540 _____
	3101 _____	3550 _____
	AP French and 3100 _____ Seminar	
Science		
	5300 _____	
	5400 _____	
	Chemistry	
	Conceptual Physics	
Visual and Performing Arts		
	Band	Theater Arts
	Dance	
1210 _____	Beg Band	1510 _____
1215 _____	Music Theory, Technology & Analysis	1520 _____
1220 _____	Intermediate Band	1530 _____
1230 _____	Adv Band	Adv Theater Arts
1240 _____	Adv Jazz Ensemble	1260 _____
		1270 _____
		1280 _____
		Adv Dance
	Visual Arts	
1100 _____	Chorus	
	1760 _____	
	1770 _____	
	1775 _____	
	1790 _____	
	AP Studio Art and 1785 _____ Seminar	
0418 _____		
1300 _____		
1290 _____		
Creative Writers		
Photography (z)		
Adv Choreography (z)		
_____ Student Signature		_____ Parent Signature – Please sign to indicate that you have seen the course catalog and approve of the student's program.



Senior Class of 2011

Course Requests

Courses 2010 - 2011

Religious Studies Semester Courses	Required 4450 ____ World Religions	Required - Request ONE of the following: 4410 ____ Social Justice 4510 ____ Ethical Leadership																														
English Semester Courses	Request one (first semester): 2400 ____ The Classic Novel 2490 ____ English Literature	Request one (second semester): 2430 ____ What a Work is Man 2480 ____ Odyssey of Youth																														
	2500 ____ AP English Literature (year long program)																															
Social Studies Semester Courses	Required for all students: 8440 ____ Government & Law	Required - Request ONE of the following: 8420 ____ Economics																														
	8500 ____ AP US Government & Politics (year long program)																															
Mathematics Year Long Courses	6150 ____ Math Analysis 6160 ____ Introduction to Calculus (H)	6175 ____ Finite Math 6200 ____ AP Calculus AB																														
Science Year Long Courses	5200 ____ Physiology 5300 ____ Chemistry 5401 ____ Conceptual Physics 5500 ____ Physics	5600 ____ AP Physics B and 5601 ____ 5700 ____ AP Biology and 5701 ____ Seminar 5800 ____ Forensic Science																														
International Language Year Long Courses	French 3040 ____ French 7-8 3050 ____ French 9-10 3101 ____ AP French and 3100 ____ Seminar	Spanish 3535 ____ Spanish 5-6 Honors 3540 ____ Spanish 7-8 3550 ____ AP Spanish																														
	Visual and Performing Arts - Year Long Courses																															
<table border="0"> <tr> <td style="text-align: center;">Band</td> <td style="text-align: center;">Theater Arts</td> <td style="text-align: center;">Dance</td> </tr> <tr> <td>1210 ____ Beginning Band</td> <td>1510 ____ Intro Theater Arts</td> <td>1260 ____ Intro Dance</td> </tr> <tr> <td>1215 ____ Music Theory, Technology & Analysis</td> <td>1520 ____ Inter Theater Arts</td> <td>1270 ____ Inter Dance</td> </tr> <tr> <td>1220 ____ Intermediate Band</td> <td>1530 ____ Adv Theater Arts</td> <td>1280 ____ Adv Dance</td> </tr> <tr> <td>1230 ____ Adv Band</td> <td></td> <td></td> </tr> <tr> <td>1240 ____ Adv Jazz Ensemble</td> <td style="text-align: center;">Visual Arts</td> <td></td> </tr> <tr> <td></td> <td>1760 ____ Intro Visual Arts</td> <td></td> </tr> <tr> <td>1100 ____ Chorus</td> <td>1770 ____ Inter Visual Arts</td> <td></td> </tr> <tr> <td></td> <td>1775 ____ Adv Visual Arts</td> <td></td> </tr> <tr> <td></td> <td>1790 ____ AP Studio Art and 1785 ____ Seminar</td> <td></td> </tr> </table>			Band	Theater Arts	Dance	1210 ____ Beginning Band	1510 ____ Intro Theater Arts	1260 ____ Intro Dance	1215 ____ Music Theory, Technology & Analysis	1520 ____ Inter Theater Arts	1270 ____ Inter Dance	1220 ____ Intermediate Band	1530 ____ Adv Theater Arts	1280 ____ Adv Dance	1230 ____ Adv Band			1240 ____ Adv Jazz Ensemble	Visual Arts			1760 ____ Intro Visual Arts		1100 ____ Chorus	1770 ____ Inter Visual Arts			1775 ____ Adv Visual Arts			1790 ____ AP Studio Art and 1785 ____ Seminar	
Band	Theater Arts	Dance																														
1210 ____ Beginning Band	1510 ____ Intro Theater Arts	1260 ____ Intro Dance																														
1215 ____ Music Theory, Technology & Analysis	1520 ____ Inter Theater Arts	1270 ____ Inter Dance																														
1220 ____ Intermediate Band	1530 ____ Adv Theater Arts	1280 ____ Adv Dance																														
1230 ____ Adv Band																																
1240 ____ Adv Jazz Ensemble	Visual Arts																															
	1760 ____ Intro Visual Arts																															
1100 ____ Chorus	1770 ____ Inter Visual Arts																															
	1775 ____ Adv Visual Arts																															
	1790 ____ AP Studio Art and 1785 ____ Seminar																															
Electives	Year Long 5550 ____ Sports Medicine 2600 ____ Journalism 9110 ____ Yearbook	Semester 8430 ____ Perspectives on Diversity 8450 ____ Intro to Psychology 8470 ____ Public Policy 4440 ____ Intro to Philosophy 7051 ____ Upper Division Fitness & Health (Fall) 7052 ____ Upper Division Fitness & Health (Spring) 0470 ____ Multimedia Design 0480 ____ Audio & Video Production 9116 ____ Study Hall (Fall) (0 credits) 9117 ____ Study Hall (Spring) (0 credits)																														
	"Z" Block Courses: Year Long 1290 ____ Adv Choreography (z) 0418 ____ Creative Writers (z) 1300 ____ Photography (z)																															
_____ Student Signature		_____ Parent Signature – Please sign to indicate that you have seen the course catalog and approve of the student's program																														



Saint Mary's Alma Mater

*The bells of Saint Mary's
They always shall guide us,
In all of our sorrows,
Our victories, and hopes.
For we will be faithful
To all you have taught us,
To live for truth,
To trust in God,
Saint Mary's, Hail!*